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Highlights

- Holocene TMF in the West Bengal Sundarbans determined to show intensively weathered, terrestrial sediment derived from the Ganges Alluvial Plain (GAP)
- Lithofacies is indicative of muddy tidal flat with aggradation and fining-up in grain size.
- Sediment provenance indicates a continuing G-B sediment source from the active delta front, with sediment reworked over the far-western abandoned delta by tidal–estuarine forcing.

1 **Provenance and depositional variability of the Thin Mud Facies in the lower**
2 **Ganges-Brahmaputra delta, West Bengal Sundarbans, India**

3

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19 XRF; mineralogy; geochemistry; weathering; provenance.

20

21 **ABSTRACT**

22 The Sundarbans is one of the largest coastal wetland sites in the world and covers an
23 area of approximately one million hectares of the western delta of the Ganges and
24 Brahmaputra (G-B) rivers (located across Bangladesh and India). Since the late
25 Holocene, the western delta has not been directly fluvially sourced, due to the
26 Ganges shift to the east (present-day Bangladesh). The depositional facies (Thin Mud

27 Facies) of the late-Holocene abandoned western region (The Sundarbans) is derived
28 from dominant estuary-tidal dynamics, however the provenance of the associated
29 TMF sedimentation in this far western zone (Indian Sundarbans *per se*) is as yet
30 equivocal. In this study, sediment cores from the Indian Sundarbans (Saptamukhi-
31 Thakuran estuary) were closely examined for grain-size distributions (GSDs),
32 mineralogy through X-ray diffraction (XRD), and geochemistry with X-ray
33 fluorescence (XRF). The TMF in the West Bengal Sundarbans has been determined
34 to show intensively weathered, terrestrial sediment, derived principally from the
35 Ganges Alluvial Plain (GAP). There is a predominance of quartz, mica and clay
36 minerals, with quartz interpreted as a product of low-relief tropical weathering
37 sourced via the G-B Rivers draining the Himalayas. Lithofacies interpreted through
38 GSD analysis of the TMF is indicative of a muddy tidal flat environment with
39 aggradation and a general fining-up trend between the adjacent estuaries. The
40 sediment provenance indicates a continuing G-B sediment source, which moves
41 westward along the Bay of Bengal, from the active delta front and is then reworked
42 over the far-western abandoned delta by tidal–estuarine forcing.

43 **1. INTRODUCTION**

44 The Indian Sundarbans comprises just over 400,000 hectares of mangrove land cover
45 in the western sector of the Ganges-Brahmaputra (G-B) delta, and is cross-cut by a
46 number of approximately north-south estuarine channels; the Mooriganga,
47 Saptamukhi, Thakuran, Matla, Bidya, Gosaba, and Haribhanga (Fig. 1). The overall
48 morphology of the far-western G-B delta reflects that of a tide-dominated system.
49 Depositionally it falls on the extreme of a west-east continuum of tidal, mixed tidal-
50 fluvial, and purely fluvial in the contemporary G-B river mouth estuary (Rogers et
51 al., 2013). The eastern sector of the G-B delta comprises the fluvially dominated
52 system, where fluvially-driven shoreline progradation occurred following the joining
53 of the Ganges and Brahmaputra Rivers (Allison, 1998a), while the older abandoned
54 part of the delta, in the west, comprises the non-fluvially dominated system (no
55 longer directly linked fluvially to the G-B River sources) (Rogers et al., 2013). This
56 western part of the delta, which underlies the present day Indian Sundarbans, was
57 fluvially abandoned prior to c. 5000 cal yr BP, as the Ganges River migrated
58 eastward towards its present position (Goodbred and Kuehl, 2000a; Sarkar et al.,
59 2009). Over the last 4,000 yrs, the West Bengal Sundarbans area is thought to be
60 estuary-tidal in terms of process domination, leading to the deposition of what is
61 termed the “Thin Mud Facies” (TMF: Goodbred and Kuehl, 2000a). The origin of
62 TMF sediments in what is now the Bangladesh Sundarbans, is considered to be
63 related to reworking of G-B sourced muds from the delta front (Allison et al., 2003;
64 Rogers et al., 2013), but a similar provenance for the Indian Sundarbans TMF has
65 still to be substantiated. The western extent of the G-B delta is now considered to be
66 undergoing net delta front erosion as a result of eustatic sea-level rise and tectonic
67 subsidence (Allison, 1998b; Allison et al., 2003) and, by inference, is seen as one

68 possible source for the extreme western TMF. This paper aims to establish
69 sedimentary depositional processes and provenance in the West Bengal Sundarbans
70 during the last 4-5,000 yrs, and addresses the potential sources of sediment in the far
71 “abandoned” western sector of the G-B delta system, by analysing sedimentary cores
72 from three deltaic islands in the far-western Sundarbans; Lothian, Dhanchi, and
73 Gplot, shown in Fig. 1(ii).

74

75 **2. LATE-PLEISTOCENE AND HOLOCENE SEDIMENTARY FACIES OF** 76 **THE LOWER GANGES-BRAHMAPUTRA DELTA**

77 2.1. Background

78 The majority of studies on the Quaternary stratigraphy and sedimentary facies of the
79 Ganges-Brahmaputra (G-B) system have determined the appropriate broad-scale
80 sedimentary facies models (e.g., Morgan and McIntire, 1959; Coleman, 1969;
81 Umitsu, 1987, 1993; Kuehl et al., 1989; Johnson and Alam, 1991; Lindsay et al.,
82 1991; Curray, 1991; Johnson, 1994; Hait et al., 1996; Kuehl et al., 1997; Hübscher et
83 al., 1998; Stanley and Hait, 2000; Goodbred and Kuehl, 2000a, 2000b; Goodbred et
84 al., 2003; Allison et al., 2003; Sarkar et al., 2009). These studies show variability in
85 the use of facies descriptions for the G-B delta and these tend to follow the broader
86 scale late Quaternary evolution of the delta (e.g., Goodbred and Kuehl, 2000a), or
87 Holocene evolution of the lower delta plain (e.g., Allison et al., 2003). In terms of the
88 entire G-B delta, the oldest stratigraphic units are dated from 18,000 cal yr BP and
89 consist of coarse channel sands, indicative of lowstand alluvial valleys and oxidized
90 laterites associated with subaerial weather exposure (Goodbred et al., 2003). Fining-
91 up of the channel sands and a silty mud unit with wood and marine fossils is
92 understood to have taken place from 10,000–11,000 cal yr BP, and has been

93 interpreted as a mangrove-colonized coastal plain (Goodbred et al., 2003). From c.
94 11,000–3,000 cal yr BP, muddy fluvial sands of the mid-Holocene prograding river
95 channels overlay these coastal facies, with the upper delta stratigraphy consisting of
96 single or multiple fining-up sand sequences that are locally interspersed with silty
97 floodplain deposits. The late Quaternary stratigraphic facies of the G-B delta have
98 been broken down into six principal groups by Goodbred and Kuehl (2000a):
99 Oxidised Facies (OF), Sand Facies (SF), Lower Delta Mud Facies (LDMF), Muddy
100 Sand Facies (MSF), Sylhet Mud Facies (SMF), and Thin Mud Facies (TMF). This
101 description of stratigraphic facies succession has been further developed by Allison
102 et al. (2003) to look specifically at the lower delta plain stratigraphy. The lower delta
103 plain stratigraphy has been further divided into five units: Muddy Sand (MS),
104 Mottled Mud (MM), Interbedded Mud (IM), Laminated Sand (LS), and Peaty Mud
105 (PM) (Allison et al., 2003). The fining up in grain size from the MS to IM/MM,
106 located west of the active G-B river mouths is attributed to either older phases or
107 multiple phases of progradation of the lower delta plain (Allison et al., 2003).
108 Subaqueous shoal sedimentation has been linked to the MSF as a result of the
109 reduced mud content and cross-stratification associated with bedload transport
110 (Allison et al., 2003). Current energies have been found to diminish in the preserved
111 upward section of the core sections examined by Allison et al. (2003) which allow
112 for enhanced deposition of mud, illustrating this upward fining of the sequences.

113

114 2.2. Thin Mud Facies of the Ganges-Brahmaputra delta

115 Goodbred and Kuehl (2000a) describe the TMF as representing the cap unit of
116 coarser underlying facies units throughout the Bengal Basin, consisting of overbank
117 deposits of the modern and recent floodplain system. Deposition of this facies unit

118 took place from approximately 5000 cal yr BP to present, and is present within a
119 depth of 5-7 m to the surface of the G-B delta. This unit is generally poorly preserved
120 in the deeper stratigraphy indicative of rapid channel migration and frequent avulsion
121 and subsequent removal. As outlined by Allison et al. (2003) the TMF and surface
122 sediments of the lower delta plain tend to be very homogenous silts to clayey silts
123 with the Sundarbans in the west presenting slightly finer material on average in
124 comparison to that of the eastern delta. The lithostratigraphy of the near surface
125 sediments appears to be homogenous with a network of mangrove roots at a depth of
126 3–4 m below the surface. Bed thicknesses tend to range from 3-10 cm, with a series
127 of alternating layers of clay dominant and clay-deficient silts.

128 The TMF is understood to be found in floodplain environments and absent
129 near active fluvial channels and is interpreted as abandoned floodplain overbank
130 deposits (Goodbred and Kuehl, 2000a). In contrast to Goodbred and Kuehl's
131 observations of the TMF as a product of abandoned floodplain and overbank
132 deposits, Allison et al. (2003) regard the source of TMF sediments as reworked
133 Bengal Bay nearshore muds, transported into the delta plain by a mixture of cyclones
134 and constant tidal activity up the abandoned river channels, which post 5,000 yrs ago
135 have been transformed into tidal-dominant estuaries.

136 The central criticism with these interpretations of lithofacies is that grain-size
137 distributions (GSDs) represent a mixture of sediment populations, corresponding to
138 different production and/or transport mechanisms (cf., Weltje and Prins, 2003; 2007).
139 In the conceptual model of spatio-temporal grain-size variation developed by Weltje
140 and Prins (2003; 2007), each size fraction corresponds to a characteristic process,
141 termed a dynamic population (DP). DPs may be defined in probabilistic terms as an
142 assemblage of grains that are likely to occur together, as they respond to dynamics of

143 sediment production and transport in a similar manner (Weltje and Prins, 2003). DPs
144 provide a link between GSD variation and palaeoenvironmental reconstructions, as
145 they can be coupled with the physical laws that govern sediment production and
146 transport (Weltje and Prins, 2003). Tying this understanding of GSD and physical
147 laws of production and transport of sediments, means that when a sediment is being
148 eroded, the probability of any grain going into transport increases with diminishing
149 grain-size (McLaren and Bowles, 1985). Here we present the first discussion of the
150 production and transport of sediment within the G-B Delta that more fully
151 encompasses the various processes contributing to grain-size variability in TMF
152 lithofacies. For the purposes of this study, analysis is focussed primarily on the TMF
153 unit as described by Goodbred and Kuehl (2000a).

154

155 2.3. Mineralogy and geochemistry of the Ganges-Brahmaputra Rivers

156 Both the Ganges and Brahmaputra rivers drain lithologically complex basins and
157 lack a dominant lithology (Small et al., 2009). The drainage basin of the Ganges
158 River is composed of highly weathered sediments and volcanics with clay dominance
159 (Coleman, 1969; Lupker et al., 2012; 2013; Goodbred et al., 2014). Detrital grains of
160 higher quartz and lower feldspars contents in surface sediments of the Bengal Basin
161 (BB) are indicative of a source zone of low-relief tropical weathering (Potter, 1978;
162 Datta and Subramanian, 1997). The lack of BB carbonate minerals is attributed to
163 both weathering and the settling effects of detrital carbonates during transport in the
164 upper reaches of the G-B Rivers (Datta and Subramanian, 1997).

165 The Ganges catchment streams draining the Himalaya have been well studied
166 (e.g., Galy and France-Lanord, 1999; Dalai et al., 2002; Bickle et al., 2003,
167 Chakrapani, 2005; Garzanti et al., 2010, 2011; Fontorbe et al., 2013; Frings et al.

168 2015) and are characterised by sediment supply from rapid physical and chemical
169 weathering. Carbonate weathering is dominant with minor contributions from silicate
170 weathering and hot springs (Frings et al., 2015). Differences in chemistries of
171 headwaters in the southern tributaries of the Ganges compared to other streams
172 draining the Himalaya have found cation compositions dominated by Na^+
173 (Rengarajan et al., 2009) instead of Ca^{2+} (Frings et al., 2015).

174 Detrital micas dominate the clay fraction (~80%) in Himalayan streams of
175 the Ganges with authigenic clays more dominant in the alluvial plain (Chakrapani et
176 al., 1995). The alluvial plain is the dominant zone of weathering and clay formation
177 in the G-B Rivers with predominance of illite and kaolinite (Sarin et al., 1989;
178 Chakrapani et al., 1995; Datta and Subramanian, 1997; Heroy et al., 2003; Frings et
179 al., 2015).

180 The key distinction between the Ganges and Brahmaputra is silica enrichment
181 in the sand fraction of Ganges sediment—attributable to chemical weathering of
182 feldspar (Singh et al., 2005a, b; Bhuiyan et al., 2011). Fluvial transport is considered
183 a major source of mineral sorting, controlling the geochemistry of weathering
184 products (Singh et al., 2005a). Sediments in the upper catchment of the Ganges, the
185 Ganges Alluvial Plain (GAP), have undergone chemical weathering of incipient to
186 moderate intensity, with a first-stage of weathering in the Himalayas, followed by a
187 second stage of weathering in the GAP (Singh et al. (2005a). The clay mineralogy
188 and chemical index of alteration (CIA) (Nesbitt and Young, 1982) of sediments in
189 the Brahmaputra show that weathering is generally less intense than in the Ganges
190 and GAP (Singh et al., 2005b; Bhuiyan et al., 2011). This lower weathering intensity
191 is attributed to higher runoff rates with greater physical erosion within the
192 Brahmaputra. Heavy rainfall occurs during the SW and NE monsoons in the eastern

193 Himalaya and, as a result, there is increased runoff, which limits the potential for
194 alteration of sediments through chemical weathering (Singh et al., 2005b).

195 Rogers et al. (2013) examined present-day sediment composition through
196 sediment traps and radioisotope geochemistry, particularly through inventories of
197 ^7Be ($t_{1/2} = 53.3$ days; 477.7 KeV), ^{210}Pb ($t_{1/2} = 22.3$ years; 46.5 KeV), ^{234}Th ($t_{1/2} =$
198 24.1 days; 63.3 KeV) and ^{137}Cs ($t_{1/2} = 30.1$ years; 661 KeV). The results from the
199 inventory of ^7Be have shown that atmospheric deposition cannot alone be responsible
200 for accumulation of ^7Be in sediments (Rogers et al., 2013). It has been proposed that
201 ^7Be can only be added with the input of new sediment (Rogers et al., 2013). These
202 findings from Rogers et al. (2013) indicate that there is rapid transport of G-B
203 sediments to the inner BB shelf, sourced from sediment eroded from the surface of
204 the G–B fluvial catchment. While on the coastal shelf, the river sediment plume is
205 dispersed westward by prevailing currents. This sediment plume remains in
206 suspension and available for transport onshore through a series of tidal creeks and
207 onto the subaerial delta plain (Kuehl et al., 1989; Barua et al., 1994; Rogers et al.,
208 2013).

209 In a previous study, Flood et al. (2016), the joint geochemical and grain size
210 composition from the West Bengal Sundarbans was modelled using compositional
211 data analysis (CoDa) and partial least squares (PLS) regression. It was found that
212 there was a strong relationship between zirconium (Zr) and coarse grained sediment,
213 with coarse clay and medium/coarse-silt found to be related to rubidium (Rb). Fine-
214 grained sediment provenance was found to relate to Rb and K, with coarse grained
215 sediment provenance linked to Zr. Calcium was interpreted to relate to external
216 environmental controls (e.g., sea-level/ tidal inundation) as Ca is generally only
217 present in liquid form in the marine environment. There was a negative covariance of

218 Ca with Zr, Ti, K, and Rb with decline in Ca and concomitant increases in Zr, Ti, K,
219 and Rb interpreted as terrestrial derived sediment flux with diminished marine or
220 carbonate deposition (Flood et al., 2016).

221 **3. METHODOLOGY**

222 3.1. Fieldwork

223 Coring was carried out using a motor driven percussion coring device with latitude,
224 longitude and elevation recorded with a differential GPS and reported as above mean
225 sea-level (amsl). Coring was carried out at Lothian (21° 42' 0.9252" N, 88° 18'
226 46.0188" E; 4.539 amsl), Gplot (21° 41' 24.3456" N, 88° 24' 9.4788" E; 2.532 amsl),
227 and Dhanchi (21° 41' 57.7536" N, 88° 26' 1.896" E; 5.894 amsl) in November 2010
228 (sites shown in Fig. 1(ii)). These cores were all taken through the TMF sequence,
229 varying between 5-7 m overall depth, before moving into the underlying sand facies
230 of the fluvial dominated delta. In total, 202 samples (8 cm apart) were collected
231 from the three cores (Lothian, n=83, Gplot, n=46, and Dhanchi, n=73). Samples were
232 divided into three groups for laboratory analysis (i.e., laser granulometry, XRD, and
233 XRF).

234

235 3.2. Analysis of grain-size distributions

236 GSDs were analysed following Flood et al. (2015; 2016) using a MalvernMastersizer
237 2000 instrument. Data were aggregated into quarter phi intervals (ϕ scale) over the
238 range of 0.02 – 2000 μm . Analysis of GSD composition followed the methodology
239 developed recently by Flood et al. (2015) through compositional data analysis
240 (CoDa) and multivariate statistics through principal components analysis (PCA) and
241 cluster analyses (CA). In order to assess the textural characteristics of sediments
242 from the Sundarbans, this study has adopted the approaches advocated by Flood et al.

243 (2015), whereby the GSD data are log-ratio transformed. A description of these
244 statistical procedures are outlined in Flood et al. (2015; 2016). PCA and CA results
245 from Lothian Island GSDs have been published previously (Flood et al., 2015) and
246 will not be presented again in this study.

247 Centred log-ratio (clr) transformation was carried out on the GSDs prior to
248 multivariate statistical analysis using the ‘compositions’ package for the R statistical
249 environment (R Development Core Team, 2011). R was downloaded freely at
250 <http://www.r-project.org> for Windows (current version 3.4.1, ~ 62 MB). PCA,
251 hierarchical cluster and k-means cluster analyses were carried out on the log-
252 transformed GSDs using the statistical package IBM® SPSS® Statistics version
253 19.0.

254

255 3.3. X-ray diffraction and mineralogical analysis

256 Selected core samples were lightly homogenised to an equal grain size fraction (<75
257 μm fraction) using an agate mortar and pestle in order to determine sediment
258 mineralogy. X-ray powder diffraction (XRPD) was performed using a 3 kW
259 PANalytical X’pert Pro Powder Diffractometer (Almelo, The Netherlands) θ/θ
260 goniometer with a $\text{CuK}_{\alpha 1}$ electrode producing monochromatic radiation ($\lambda = 1.54060$
261 \AA , 40 kV, 40 mA) between 3 and $63^\circ 2\theta$ with a step size of 0.02° using an
262 X’Celerator multichannel detector.

263 Qualitative and quantitative analyses of XRD data was performed using
264 X’Pert HighScore Plus software, Version 2.2b (2006) with mineral identification
265 performed with the JCPDS PDF-2 database from the International Centre for
266 Diffraction Data® (ICDD, 2002). Multivariate statistical methods were employed to
267 detect, describe, and classify patterns within the mineralogical data. PCA and

268 hierarchical cluster analysis (HCA) was carried out to allow samples to be
269 agglomerated into representative mineralogical groups.

270 The Rietveld refinement method (Rietveld, 1967; 1969) of quantitative
271 analysis was performed on diffraction samples originating from the cluster centroids
272 most representative of the cluster groups. The Rietveld refinement method involves
273 fitting an observed diffraction pattern with a synthetic pattern, which is a sum of
274 patterns calculated for each phase in the sample (Snyder and Bish, 1989; Bish, 1994;
275 Hillier, 2000). XRD was repeated on the cluster representative samples (between 3
276 and 65° 2 θ with a step size of 0.02°) with further qualitative analysis. The output
277 parameters from the fitting procedure are presented as a set of agreement indices
278 following the refinement.

279

280 3.4. X-ray fluorescence and geochemistry

281 Data acquisition using ED-XRF was undertaken following the approach outlined by
282 Flood et al. (2016), using a Bruker S1 TURBO SD portable X-ray fluorescence
283 (PXRF) spectrometer (Bruker Corporation, Massachusetts, USA) consisting of a 10
284 mm X-Flash® SDD Peltier-cooled detector with a 4-W X-ray tube with an Ag target
285 and a maximum voltage of 40 kV. Analysis was performed on discrete samples
286 collected from the Lothian, Gplot, and Dhanchi Island cores. These samples were
287 each measured for 30 seconds, with a set of 22 international geochemical reference
288 standards (see supplementary appendix) measured for 120 s, this was performed for
289 instrument calibration purposes. The 10 elements that are generally listed as oxides
290 in the major element chemical analysis, Al, Si, Ti, Fe, Mn, Mg, Ca, Na, K, and P
291 were determined in all samples. Trace elements Ba, V, Cr, Co, Ni, Cu, Zn, Rb, and
292 Zr were also analysed. The precision and accuracy of the preparation and the

293 instrumental performance of the PXRf was checked using the international reference
294 samples and a summary of these is provided by Flood et al. (2016). No discrepancies
295 were found between the analytical data obtained and the consensus data with the
296 international reference samples.

297

298 3.5. Major and trace element interpretation

299 Sundarban sediment maturity classification was obtained using, the Na₂O/K₂O ratio
300 index of chemical maturity (Pettijohn et al., 1972), and the Fe₂O₃/Al₂O₃ ratio for
301 mineral stability (Herron, 1988). These were plotted against SiO₂/Al₂O₃ ratio as an
302 assessment of quartz and clay mineral abundance (Potter, 1978). A bivariate plot of
303 major element geochemistry has also been used to infer tectonic provenance, using
304 K₂O/Na₂O plotted against SiO₂ (Roser and Korsch, 1986).

305 In order to quantify weathering intensity the use of the CIA as proposed by
306 Nesbitt and Young (1982) was applied in this study, where:

307

$$308 \quad CIA = \left[\frac{Al_2O_3}{(Al_2O_3 + CaO^* + Na_2O + K_2O)} \right] * 100 \quad \text{Eq. 1.}$$

309

310 Taking the molecular proportions, and with CaO* representing CaO in silicates only
311 (Nesbitt and Young, 1989; Nesbitt et al., 1996). In this approach, a CIA value of 100
312 would suggest intense chemical weathering along with complete removal of all the
313 alkali and alkaline earth elements (Singh et al., 2005a). CIA values of 45–55 indicate
314 almost no weathering (Singh et al., 2005a). CIA values for average upper continental
315 crust (UCC) and unaltered granite rocks are at 47 and 50, respectively (Singh et al.,
316 2005a). A correction for CaO is required in order to account for the presence of Ca in
317 carbonates and phosphates and this is generally conducted by calculating corrections

318 from measured CO₂ and P₂O₅ contents (Singh et al., 2005a). Where these data are
 319 unavailable, approximate corrections can be made by assuming reasonable Ca/Na
 320 ratios in silicate material (Singh et al., 2005a). In this study, CaO content was
 321 corrected for phosphate using available P₂O₅, where if the remaining number of
 322 moles is less than that of Na₂O, this CaO value was adopted (cf., Singh et al., 2005a).
 323 The rationale for using CIA is that it offers a quantitative measure of feldspar
 324 weathering by relating Al, which is enriched in the weathering residues, to Na, Ca,
 325 and K, which in principal should be removed during plagioclase and K-feldspar
 326 weathering (Nesbitt and Young, 1982; Sheldon and Tabor, 2009; Buggle et al.,
 327 2011). As clay content increases there should also be an increase in Al, whereas Ca,
 328 K, and Na should decrease, leading to higher CIA values (Sheldon and Tabor, 2009).

329 The identification and evaluation of major element mobility within the
 330 Sundarbans during weathering was carried out using elemental ratios calculated with
 331 respect to the least mobile element Al, which is believed to stay in the weathered
 332 material (cf., Singh et al., 2005a). The ratio of the content of element **D** and Al₂O₃ in
 333 the Sundarbans sediments was divided by the ratio of the same element content in
 334 UCC in the following element ratio:

$$335 \text{ Element ratio (D)} = \frac{D/Al_2O_3(\text{Sundarbans sediments})}{D/Al_2O_3(\text{UCC})} \quad \text{Eq. 2.}$$

336

337 This ratio refers to the relative enrichment or depletion of the element with a value of
 338 >1 indicating enrichment, <1 indicating depletion, and = 1, indicating no change in
 339 the relative abundance.

340 As weathering proceeds, the mobilisation, fractionation, and redistribution of
 341 major and trace elements takes place, and as a result, weathering is impacted by

342 dissolution and formation of primary minerals and secondary minerals, respectively
343 (Chesworth et al., 1981; Nesbitt et al., 1980; Fritz and Mohr, 1984). Along with
344 these, redox processes, transportation, co-precipitation and ion exchange with
345 various minerals may take place (Chesworth et al., 1981; Nesbitt et al., 1980; Fritz
346 and Mohr, 1984). Since titanium is a relatively immobile element during weathering
347 (Nesbitt, 1979), it has been used previously by Singh et al. (2005a) for the
348 calculation of chemical mobility of major and trace elements. Following this
349 approach, the percentage increase and decrease of a selected element, element **D**, was
350 calculated in the following manner:

351

$$352 \text{ Percentage change (\%)} = \left\{ \frac{\left(\mathbf{D}/\text{TiO}_2 \right)_{\text{sample}}}{\left(\mathbf{D}/\text{TiO}_2 \right)_{\text{UCC}}} - 1 \right\} \quad \text{Eq. 3.}$$

353

354 Relative to TiO₂, percentage change of elements were plotted against the CIA and
355 provide a basis for assessing the increase or decrease in chemical mobility during
356 chemical weathering (cf., Singh et al., 2005a).

357 These data are examined with reference to published data from Singh et al.
358 (2005a) and Bhuiyan et al. (2011), for the GAP in India, and Brahmaputra–Jamuna
359 River in Bangladesh, respectively. Data for UCC from Taylor and McLennan (1985)
360 and World Sediments from McLennan (1995) are discussed to facilitate
361 interpretation of the data from this study, alongside Singh et al. (2005a) and Bhuiyan
362 et al. (2011).

363

364 **4. RESULTS**

365 4.1. Multivariate statistical analysis results from Gplot and Dhanchi grain-size

366 distributions: PCA and CA results

367

368 Figure 2 (a-c) shows the percentage (%) sand, silt, and clay composition from the
369 Lothian, Gplot, and Dhanchi Island cores, respectively. The overarching grain size is
370 silt which comprises ~70 – 80% of the sediment, with Gplot showing a
371 proportionally higher sand content.

372 The results from the multivariate statistical analysis of GSDs from the Gplot
373 and Dhanchi Island cores are shown in Fig. 3(a-j). Coefficients from the first and
374 second principal components (PCs) from Gplot are shown in Fig. 3(a, b) with PC1
375 (Fig. 3a) illustrating very coarse silt to fine-medium sand ($4.00 \phi - 1.25 \phi$) and
376 negative coefficients corresponding to fine clay to coarse silt fractions ($12.02 \phi - 4.24$
377 ϕ). PC2 coefficients (Fig. 3b) show highest positive values for coarse silt and very
378 coarse silt, with highest negative values for fine and medium sand. Table 1
379 summarises the PCA carried out from the first four PCs (~95% of variance), with
380 71% of the cumulative variance of PC1 and 14% by PC2.

381 Vertical distribution of PC scores for Gplot are shown in Fig. 3(c, d) with
382 PC1 (Fig. 3c) scores showing positive scores from the base of the core, at ~ 386 cm
383 to a depth of ~ 230 cm. Positive scores from ~ 230 cm progress into negative scores
384 up to the core surface. This succession is interpreted as dominant fining-up in the
385 core, with coarse material (sand and coarse silt) dominant at the core base, then, at ~
386 200 cm, the position is reversed with the predominance of medium – fine silt and
387 clay and the absence of sand and coarse silt.

388 PC2 scores (Fig. 3d) reflect that within this fining-up of the sequence,
389 varying degrees of silt composition make up the core with some sandy and coarse
390 material interspersed throughout with negative scores in PC2 reflecting very-coarse
391 silt and sand.

392 Cluster analysis (CA) through Ward's (1963) hierarchical cluster analysis
393 (HCA) and k-means cluster analysis indicate that three groups of sedimentary facies
394 effectively explain the GSD variation, with their vertical disposition depicted in Fig.
395 4(a). The grain size association with each of the sedimentary facies follows:

- 396 • Facies 1a (F1a): medium clay to medium silt;
- 397 • Facies 2a (F2a): medium to very coarse silt with some sand, and;
- 398 • Facies 3a (F3a): composed of very fine to very coarse sand.

399 From the base of the core to a depth of 250 cm there are fluctuating trend
400 between F3a and F2a. From 250 cm to 200 cm the cluster membership is mainly
401 composed of F2a, with a fluctuating membership of F2a to F1a from 200 cm to 40
402 cm. From 40 cm to the core surface the sequence is primarily composed of fine-to-
403 medium silt and clay. The fluctuating variability in cluster group association appear
404 indicative of the PCA results, with F3a, and F2a composed of varying levels of sand
405 and silt (coarse–medium) while F1a appears to be characteristic of fine and medium
406 silt with clay composition. The vertical trend of these groups through the Gplot
407 Island core indicates a fining-up sequence (Fig. 4(a)).

408 Association of these sedimentary facies to PCs extracted is illustrated in Fig.
409 3(e), with a biplot of PC1 and PC2. PC1 is interpreted as fining-up trend (horizontal
410 axis) with PC2 of an oscillating trend between coarse and fine material. Sample
411 points located in the positive quadrant for PC1 and 2 reflect very-coarse silt and fine
412 sand composition that comprise F2a samples. Samples in the positive PC1 and

413 negative PC2 quadrant reflect very-coarse silt with fine-medium-coarse sand with
414 F3a samples in this quadrant indicative of sand near the core base. Samples in the
415 negative PC1 and PC2 quadrant are composed of F1a, indicative of medium clay to
416 fine silt in the upper parts of the core. A facies transition order is present, with
417 coarser sands and coarser silts at the core base, overlain by a greater oscillating
418 pattern of cluster groups from ~ 200 cm to core surface (Fig. 4(a)). The ordering and
419 appearance of sedimentary facies suggests there are two distinctive broad
420 stratigraphical Facies; (i) a lower sandy-silt; and (ii) an upper oscillating sequence of
421 fine/medium-silt and clay, as shown in Fig. 4(a).

422 Dhanchi grain-size coefficients from PC1 and PC2 are shown in Fig. 3(f,g)
423 with positive coefficients from PC1 (Fig. 3f) corresponding to medium clay and very
424 coarse silt (12.02 ϕ –6.00 ϕ) and negative coefficients for very coarse silt to sand
425 fractions (5.01 ϕ – –1.00 ϕ). PC2 coefficients (Fig. 3g) indicate highest positive
426 values are very coarse silt (5.00 ϕ –4.00 ϕ) and coarse silt (6.00 ϕ –5.00 ϕ), with high
427 negative coefficients indicative of clay (7.00 ϕ –6.00 ϕ) and sand (4.00 ϕ – –1.00 ϕ).
428 Table 2 is a summary of the PCA with the first four components (~99% of variance),
429 with PC1 comprising ~ 86% of the cumulative variance and PC2 of 8% of
430 cumulative variance.

431 Fig. 3(h, i) shows the score distributions throughout the Dhanchi core for PC1
432 and PC2. PC1 scores (Fig. 3h) show that from core base to ~ 300 cm depth, sediment
433 is composed of very coarse silt and sand with some finer material (clay and fine silts)
434 and overlain by coarser sediment from ~ 300 cm to the core surface. PC2 scores (Fig.
435 3i) show fluctuating coarse sediment throughout the core, with highest positive
436 scores for coarse silt and sand with finer-grained sediment between ~ 450 cm to 0
437 cm, denoted by slightly negative to low scores. Results indicate that the sequence is

438 composed almost entirely of various grades of silt with clay, and sand. These
439 characteristics would suggest a mixture of size fractions throughout the Dhanchi
440 sequence but with dominant fining-up.

441 HCA and k-means cluster analysis show three groups of sedimentary facies
442 that explain GSD trend in the Dhanchi core (Fig. 4b). Grain size association with
443 each of the sedimentary facies is:

- 444 • Facies 1b (F1b): two samples, considered to be an outlier;
- 445 • Facies 2b (F2b): two samples, considered to be an outlier;
- 446 • Facies 3b (F3b): medium and coarse silt with clay;
- 447 • Facies 4b (F4b): coarse silt with some sand, and;
- 448 • Facies 5b (F5b): sand (very fine sand to very coarse sand) with silt.

449 From core base to 320 cm a fluctuating trend between F5b and F4b is found,
450 and from 320 cm to 60 cm cluster membership varies between F4b and F3b, with the
451 top 60 cm composed of F3b and some F2b. F5b, F4b. F3b indicate varying degrees
452 of silt (coarse–medium–fine) and sand, F4b and F3b comprising fine and medium silt
453 with clay, with F1b of coarse silt, and F2b clay. Sand and silt fluctuations are shown
454 by F5b and F4b, with F4b and F3b for coarse silt to medium and fine silt.

455 Biplot analysis of sedimentary facies and PCs from the Dhanchi are shown in
456 Fig. 3j. Biplot quadrants reveal that in positive PC1 and PC2, there is an overall
457 coarse-silt composition. Positive PC1 and negative PC2 reflect predominantly F4b
458 samples with F4b samples most negatively represented along the second principal
459 component, indicative of very-coarse silt to sand, with F5b showing the transition
460 from very-coarse silt and sand to very-coarse clay and medium clay. The negative
461 PC1 and PC2 quadrant is composed of some F4b and F5b samples, with negative
462 PC1 and positive PC2 quadrant composed mainly of F5b and F1b.

463 PC1 is interpreted as a fining-up trend (horizontal axis) with PC2 composed
464 of coarse-silt and sand fractions. Positions of some outliers in the F1b and F2b
465 samples show the latter indicative of coarse- to very coarse-silt and former of sand
466 and clay. Cluster groups of F4b and F3b represent coarse sediment (coarse silt and
467 sand), with F3b of the progression into fine material and fining-up. Facies order or
468 stacking pattern is present, coarser silts and sand dominating the sequence from core
469 base at 558 cm to ~ 250 cm, overlain by an oscillating trend of cluster groups ~ 250
470 cm to ~ 60 cm. The oscillating trend is overlain by homogeneous, medium- and
471 finer-silts with clays from ~ 60 cm to core surface (Fig. 4b). Ordering of sedimentary
472 facies and appearance in core suggests there are three distinctive broad
473 stratigraphical facies; (i) a lower coarse-silt and sand; (ii) a middle medium-fine
474 silty-clay; and (iii) an upper medium- to very fine-silt and clay.

475

476 4.2. X-ray powder diffraction: results from the Sundarbans

477 Table 3 shows the most representative cluster samples with their site and depth in
478 each core with data analysis outlining mineral groups within the cores. Following
479 Rietveld refinement, observed and calculated spectra for cluster representative
480 samples are given in supplementary data. Agreement indices for each diffractogram
481 are shown in Table 4 with ‘goodness-of-fit’ best interpreted from the residual (R_p)
482 and weighted residual (R_{wp}) profiles. Optimum fit based on these parameters is
483 generally less than 5% and 10% for R_p and R_{wp} , respectively. These are expected to
484 be a little higher in geological material (O’Meara 2013, pers. comm.; Speakman
485 2013, pers. comm.; Pecharsky and Zavalij, 2009).

486 Cluster 2 appears to have refined optimally ($R_p = 5.5\%$ and $R_{wp} = 7.6\%$), and
487 cluster 4 having the highest residual values ($R_p = 15.3\%$ and $R_{wp} = 25.0\%$) with

488 clusters 1, 3, 5, and 6 having a series of residual and weighted residual values
489 between 13.1–9.3% and 9.1–6.2%, respectively. Rietveld Refinement carried out on
490 the six cluster representative samples appears to show well-fitted models for the
491 observed spectra. Mineralogical composition is shown in Table 5 with a data
492 summary in Table 6.

493 High abundance of quartz is found in all clusters with cluster 4 and 2 having
494 the highest (78.6%) and lowest (34.8%), respectively. Clinocllore was present in all
495 but two clusters (2 and 5) with highest (5.5%) and lowest (0.9%) in 6 and 4,
496 respectively. Muscovite was found in nearly all clusters, except cluster 4, with
497 highest (50.9%) and lowest (18.8%) in cluster 2 and 1. Albite (plagioclase feldspar)
498 present in all clusters with highest (13%) and lowest (4.9%) contents in cluster 5 and
499 4, respectively. Microcline (alkali feldspar) was present in cluster 4 at 8.2 %. Clay
500 minerals consisted of kaolinite, dickite, and possibly vermiculite at only trace
501 amounts (<1.0%) detected in clusters 2 and 5 at 0.7 % and 0.4 %, respectively.
502 Dickite (polymorph of kaolinite) was present in cluster 4 (4.6 %), with kaolinite in
503 all cluster representative samples, with the exception of cluster 4. The highest
504 (13.6%) and lowest values (6.7%) of kaolinite were in cluster 2 and 5, respectively.

505 A plot of the first three principal components is shown in Fig. 5, with ~95%
506 of the variance accounted by these components. PC1 is composed mainly of quartz in
507 all of the samples examined (Table 5) with phyllosilicates, particularly mica (i.e.,
508 muscovite) and clays (i.e., clinocllore and kaolinite) illustrated by PC2. Feldspars
509 (i.e., albite, microcline and Ca plagioclase) comprise PC3 with Fig. 5a showing
510 cluster 5 in the negative PC1 and PC2 quadrant, potentially attributed to albite.
511 Progression of scores along PC2 show predominantly clusters 3, 6, and 2, and reflect
512 increasing muscovite and kaolinite composition (i.e., muscovite: 22.1% → 33.6% →

513 50.9%; kaolinite: 6.9% → 11.9% → 13.6%). This trend in PC2 appears to continue
514 with cluster 4, with this cluster varying more positively in PC3, interpreted as high
515 microcline content. Cluster 1 appears distinct as it tends to vary negatively along
516 PC2, reflecting lower quantities of phyllosilicates and having higher albite and
517 clinocllore contents, with the latter absent from cluster 5.

518 The distribution of the mineral clusters from each of the Sundarbans cores is
519 shown in Fig. 5(e), Lothian (i) displaying a sporadic and fluctuating trend in clusters
520 2, 4 and 6 at core base to c. 500 cm, and an oscillating trend between clusters 4 and 2
521 from c. 500 cm to c. 170 cm, overlain by another oscillating trend between cluster 5
522 and 3. Cluster 1 is dominant in Gplot core (ii) from the core base to c. 225 cm,
523 followed by an oscillating trend between 6 and clusters 2 and 3 from c. 225 cm to
524 core surface. Two oscillating trends are found in the Dhanchi core (iii), at the core
525 base to c. 220 cm composed of clusters 2 and 4, followed by clusters 6 and 2 from c.
526 220 cm to c. 40 cm depth with a final oscillating trend from c. 110 cm to 50 cm with
527 clusters 3 and 6.

528

529 4.3. X-ray fluorescence: results from major and trace element geochemistry of the
530 Sundarbans

531

532 The bulk chemistry of the Lothian, Gplot, and Dhanchi island cores consists mainly
533 of the oxides of three elements: Al, Si and, Fe. The total composition of these
534 elements in Lothian, Gplot, and Dhanchi island cores is approximately 84%, 83%
535 and 86%. The average SiO₂/Al₂O₃ ratios of Lothian, Gplot, and Dhanchi are 4.1, 4.5,
536 and 4.2, respectively. This is interpreted to reflect mineral composition and grain-
537 size variability, in which GSD is mainly silt-sized with quartz dominant in coarse-

538 size fractions, and clay minerals in fine grain-size fractions. Aluminosilicate minerals
539 are preferentially transported as suspended load with quartz tending to be found as
540 bedload (cf., Singh et al., 2005a).

541

542 *4.3.1. Rock classification and tectonic provenance of Sundarbans sediments*

543 Ratios of the major elements of $\text{Al}_2\text{O}_3/\text{SiO}_2$ and $\text{Fe}_2\text{O}_3/\text{SiO}_2$ of the Sundarbans, along
544 with data from Singh et al. (2005a) and Bhuiyan et al. (2011), were plotted with
545 respect to the Himalaya and the Siwalik, following Singh et al. (2005a) (Fig. 6). The
546 Himalayas tend to possess a mean chemical composition that is similar to the average
547 UCC (Galy and France-Lanord, 2001). The linear relationship found with the
548 Sundarbans sediments indicates a grain-size component, with the lower parts of each
549 core being enriched with quartz. This is seen in Fig. 6 with the position of the
550 Sundarbans samples from Lothian and Gplot being clustered in close proximity to
551 the channel sediments samples from Singh et al. (2005a), with these samples
552 understood to be enriched in quartz. This sort of mineral sorting response is further
553 evidenced by the trend towards phyllosilicates that is substantiated by the presence of
554 suspended sediments from Singh et al. (2005a). The $\text{Al}_2\text{O}_3/\text{SiO}_2$ and $\text{Fe}_2\text{O}_3/\text{SiO}_2$
555 ratios found in this study appear to reflect the compositional maturity of sediments,
556 originating from the Himalayas and Siwaliks, and moving towards the delta, with the
557 Sundarbans evidence of the highest weathering maturity.

558 The Pettijohn and Herron diagrams (Fig. 7a & b) indicate that clastic
559 weathering products of the Sundarbans are primarily litharenite and
560 greywacke/wacke, with Lothian and Dhanchi representing the most mature sediment.
561 The presence of Gplot samples within arkose, with all Sundarbans samples plotting
562 towards litharenite and greywacke/wacke, may be interpreted as grain-size variation

563 with increasing clay content. The tectonic provenance discrimination plots show that
564 the majority of the Sundarbans samples fall into the active continental margin field
565 (Fig. 8), with some scatter of samples into the island arc field.

566

567 *4.3.2. Element enrichment ratios for the Sundarbans*

568 Element ratios in the Lothian, Gplot, Dhanchi, Singh et al. (2005a) and Bhuiyan et al.
569 (2011) datasets are shown in Fig. 9. SiO₂ mobility is considered important for
570 interpreting chemical weathering, soil formation and distribution of elements in
571 natural waters (Singh et al., 2005a). There is a depletion in SiO₂ relative to Singh et
572 al. (2005) data points, but enriched compared to Bhuiyan et al. (2011). Titanium is
573 understood to be a relatively immobile element and appears to be most enriched in
574 the Lothian and Dhanchi cores, but most depleted in the Gplot Island core. There is a
575 progressive depletion in CaO and Na₂O throughout the Sundarbans cores, which is
576 reflective of these being highly mobile elements. Potassium shows some depletion in
577 the Sundarbans cores, with Gplot being more enriched in K₂O relative to Lothian and
578 Dhanchi. As discussed by Singh et al. (2005a), potassium tends to be preferentially
579 adsorbed to clay minerals, as found by Flood et al. (2016) for the Sundarbans.
580 Therefore, the enrichment of K₂O may be due to silicate minerals formed during
581 weathering or alteration of existing clay minerals such as montmorillonite, which
582 tend to incorporate potassium relative to Na₂O (Singh et al., 2005a). Clay minerals
583 also have a tendency to incorporate magnesium as well as K₂O, and lose Na₂O,
584 which can be seen with the pronounced enrichment of MgO in the Dhanchi and
585 Lothian cores. Due to the highly mobile nature of Na₂O and CaO during weathering,
586 these may be readily dissolved and taken up into and enriched in solution (i.e., in
587 aqueous phase) as opposed to being deposited as part of the sediment load. This has

588 been found by Singh et al. (2005a) and Singh et al. (2005b), who show a
589 concentration of these elements in the dissolved fraction of fluvial sediments. MgO
590 shows some mobility between sites in the Sundarbans with Lothian and Dhanchi
591 slightly enriched compared to Gplot. Although Mg may dissolve during weathering
592 and enter the aqueous phase, it has been found to be depleted in channel sediments,
593 but mobile within suspended and floodplain sediments (Singh et al., 2005a). This
594 may explain the Mg variability between sites in the Sundarbans, with Gplot
595 composed of coarse-grained, channel-type sediment, relative to Lothian and
596 Dhanchi.

597 *4.3.3. Inter-element variability from the Sundarbans*

598 Fig. 10 displays inter-element relationships plotted on variation diagrams using
599 Al_2O_3 , SiO_2 and TiO_2 along the x-axis. In the majority of the variation diagrams,
600 some linear trend from Lothian, Gplot, and Dhanchi are observed with positive or
601 negative correlations. Relatively strong negative correlation of SiO_2 with Al_2O_3 and
602 Fe_2O_3 indicates grain-size control on the geochemistry of the Sundarbans' weathering
603 products, with little correlation ($R^2 = 0.04$) with K_2O . The increasing trend of TiO_2
604 with Fe_2O_3 is attributed to the enrichment of heavy minerals in Sundarbans
605 sediments. However, MgO and K_2O have different patterns with Al_2O_3 and TiO_2 ,
606 respectively. Plotting the chemically immobile TiO_2 against Al_2O_3 provides further
607 insight into the hydrodynamic and chemical behaviour of the major mineral phases
608 and indicates that they were concentrated into the fine-grained sediment fraction (i.e.,
609 monotonic relationship reflects decreasing grain-size). High concentrations of TiO_2
610 in Sundarbans sediments and a strong correlation with Al_2O_3 indicate that TiO_2 could
611 potentially be derived from mica, although there is a poor correlation with K_2O and
612 TiO_2 . TiO_2 plotted against Fe_2O_3 displays a good correlation ($R^2 = 0.68$) indicating

613 their common sources from ferromagnesium minerals such as biotite, amphibole, and
614 pyroxene (cf., Singh et al., 2005a). A poor correlation of K_2O with MgO and Al_2O_3
615 indicates an absence (or failure to detect) of illite in these sediments (cf., Singh et al.,
616 2005a). The strong correlation found for Fe_2O_3 with Al_2O_3 may be associated with
617 alteration of biotite into aluminosilicates and Fe(III) oxides (cf., Singh et al., 2005a).
618 The distribution of major elements in the Sundarbans sediments suggests that
619 weathering products have strong inter-elemental linkage.

620

621 *4.3.4. A–CN–K diagram and chemical index of alteration (CIA) for Sundarbans*

622 Fig. 11 (a) shows a ternary A–CN–K diagram along with the location of important
623 rock-forming minerals, UCC (Taylor and McLennan, 1985) and natural waters (cf.,
624 Singh et al., 2005a). The sediments from the Sundarbans tend to plot towards the
625 Al_2O_3 apex, indicating loss of Na and Ca during weathering compared to the UCC,
626 with a tendency for samples to plot towards A–CN, with a slightly larger proportion
627 of samples towards the A of the apex. CIA values for Lothian, Gplot, and Dhanchi
628 are 46–67, 53–76, and 52–65, respectively. The average CIA of the Sundarbans is
629 compared with Singh et al. (2005a) and Bhuiyan et al. (2011) (Fig. 11b). There
630 appears to be a fair degree of weathering found in the Sundarbans sediments, with
631 Gplot Island showing the highest mean CIA. The Sundarbans data show a higher
632 degree of weathering, relative to Bhuiyan et al. (2011) from the Brahmaputra-Jamuna
633 River. With the exception of the flood and suspended sediment CIA values of Singh
634 et al. (2005a), the Sundarbans CIA values show an increasing degree of weathering
635 compared with channel sediments.

636

637 *4.3.5. A–CNK–FM and S/10–CM–NK variability of the Sundarbans*

638 Shown in Fig. (12 c,d) are A–CNK–FM and S/10–CM–NK ternary plots (Nesbitt and
639 Young, 1989; Singh et al., 2005a). Sundarbans samples tend to be positioned in the
640 centre of the ternary diagram (Fig. 11c), with Gplot closer to feldspar composition
641 (cf., Singh et al., 2005a). Increased weathering of fine-grained material, tends to have
642 a winnowing effect of Fe-oxyhydroxides and biotite, which may explain the
643 enrichment towards the FM apex with Lothian and Dhanchi (cf., Singh et al., 2005a).
644 The presence of suspended sediments from Singh et al. (2005a) closest to the FM
645 apex may indicate secondary sedimentary processes concentrating heavy minerals in
646 sediment (Singh et al., 2005a). The suspended sediments from Singh et al. (2005a)
647 may be considered to be one end-member in this ternary diagram, with Gplot being
648 the opposing end-member in the A–CNK apex. The arrows depicted show the
649 predicted weathering trends that have been found in the GAP, in which Sundarbans
650 samples appear to following this predicted weathering trend.

651 In the S/10–CM–NK diagram (Fig. 11d) all of the Sundarbans samples plot
652 away from the S/10–CM apex and towards NK, with Gplot samples plotting more
653 strongly towards the S/10–NK apex and, Lothian and Dhanchi plotting towards the
654 CM–NK apex. Compared with Singh et al. (2005a) and Bhuiyan et al. (2011), there is
655 some similarity present, with the exception of suspended sediments of Singh et al.
656 (2005a) which plot towards the CM apex. The position of the Gplot samples at the
657 S/10–NK apex may be attributed to greater quartz presence in these samples, relative
658 to Lothian and Dhanchi, which show a decrease in quartz, as these plot towards the
659 CM–NK apex.

660

661 *4.3.6. Chemical mobility within the Sundarbans Holocene sediments*

662 The chemical mobility is shown in Fig. 12 for the Sundarbans sediments during
663 weathering processes, and is calculated in terms of % change normalised to TiO₂ for
664 individual major/trace elements against progressive chemical alteration, using the
665 CIA values. A decreasing trend was found in chemical mobility of Na₂O₃ (a), MgO
666 (b), Al₂O₃ (c), SiO₂ (d), K₂O (f) in all cores, with CaO (g) and Zr (q) showing the
667 greatest decreasing trend. An increase was found in P₂O₅ (e) and Fe₂O₃ (i) mobility,
668 with an unvarying trend in Ba (j), and V (k). Mn (h), Cr (l), Ni (m), and Cu (n)
669 appear to have no discernible trend with CIA. A slight increase was found in Zn (o)
670 with a slightly greater increase in Rb (p) with increased CIA.

671

672 **5. DISCUSSION**

673 Deposition of the TMF in the far western extent of the Sundarbans is shown in Fig.
674 13. There is a gradual shift in the dominance of fluvial processes in deposition from
675 c. 5,000 cal yr BP to a more mixed fluvio-tidal depositional system from c. 3,000 cal
676 yr BP, to its current state as a tidal dominant delta. Sedimentation rates for the
677 present-day eastern Sundarbans have been reported as being c. 1.0 ± 0.9 cm yr⁻¹
678 (Rogers et al., 2013) whereas Flood (2014) and Flood et al. (2015) determine a
679 sedimentation rate of c. 1.4 mm yr⁻¹ for the far western Sundarbans over the late
680 Holocene (c. last 4,000 cal yrs). The model proposed in this study is that there is a
681 gradual (or rapid) loss of the westerly tidal transported sediment plume along the Bay
682 of Bengal coastline. This primarily suspended load then moves up the flood
683 dominant estuaries of the Sundarban blind rivers (Bhattacharyya et al., 2013), to be
684 deposited in the distributive system between estuaries, as the sediment plume moves
685 westward (cf., Rogers et al., 2013). The TMF in the most western extent of the G-B

686 delta is proposed as being a diachronous facies unit, with fluvial dominance
687 prevalent c. 5,000 yrs BP that gradually developed into a mixed fluvio-tidal
688 dominant delta from c. 3,000 yrs BP, to being a tidal dominant delta at present.
689 Sediment is sourced primarily from the Ganges river and delivered to the coastal
690 shelf as a plume that is re-worked onto the delta plain with the emerging tidal
691 supplied sediment plume thinning in volume and sediment size as it is carried further
692 west to the tidal dominant delta (Fig. 13). The depositional model proposed in this
693 study is a series of incremental developments from previous studies, particularly
694 from Goodbred and Kuehl (2000a), Allison et al. (2003), and Rogers et al. (2013).
695 The TMF in the far western extent of the Sundarbans is considered to reflect
696 abandoned floodplain overbank deposits (cf., Goodbred and Kuehl, 2000a). The
697 processes of deposition reflecting tidal/marine processes (cf. Allison et al., 2003),
698 with the source of the TMF sediments being the Ganges River associated with
699 monsoon flood discharge and sediment being dispersed westwards by currents
700 followed by onshore transport (Rogers et al., 2013).

701

702 5.1. Lithofacies variability and dynamics in the TMF: evidence from the West

703 Bengal Sundarbans

704

705 The Lothian and Dhanchi Island GSDs may be interpreted as reflecting a muddy tidal
706 flat environment with the overarching presence of silt and clay (e.g., Fig. 2, Fig. 4b),
707 although it is difficult to determine sedimentary structures from the cores (cf.,
708 Allison et al., 2003; Goodbred and Saito, 2011; Flood, 2014; Flood et al., 2015).

709 The dominant upward-fining in GSDs from these cores may be attributed to
710 slack water deposits as a result of tidal deposition (cf. Bass et al., 2002). In terms of

711 silt and clay deposition through tides, suspension of sediments lasts longer than sands
712 and may therefore be transported over long distances and may be advected into or
713 away from a depositional site (Bass et al., 2002). These fining-up sequences,
714 comprising muddy tidal flats may cap subtidal sand ridges (Wells, 1995). A similar
715 model of facies succession has been proposed by Goodbred and Saito (2011), where
716 the migration of tidal channels and creeks across tidal flats, contribute to fining up
717 facies succession. The clay fraction indicated by the first and second principal
718 components may represent the mud-drapes and fluid-muds attributed to slack water
719 or poor water flows (cf., Wells, 1995). However, this is difficult to judge as a limited
720 sample population was used in the GSD analysis, thus only the general trend of
721 fining-up (e.g., Dhanchi PCA score plots and GSD facies shown in Fig. 3(h, i)).

722 Gplot GSDs may be interpreted as sub- to intertidal-tidal flat environment
723 (cf., Goodbred and Saito, 2011). Transition between the two broader sedimentary
724 sub-units indicates the lower sub-unit was within closer proximity to fluvial sources
725 of sediment given coarse GSDs (Fig. 2 and Fig. 3(a-d)) (Hughes, 2011). GSD
726 interpretation indicates a correlation with effective transport energy as opposed to
727 any direct correlation with proximity to marine or fluvial sources. With a relatively
728 coarser sediment load, the probability of sediment transport processes that maintain
729 such a sediment load decreases (McLaren and Bowles, 1985). As sediment deposits
730 become coarser in a sequence, depositional processes take on the attributes of low-
731 energy functions with sediments becoming finer (McLaren and Bowles, 1985). From
732 Gplot, although coarse sediment is present, the likelihood of transitioning into a finer
733 facies increases with time. Cross phase similarity with PC1 from Dhanchi and Gplot
734 Island is found with signs being different – but PCs measuring the same
735 phenomenon; dominant GSDs (Fig. 3 and 4). There is a similar fining-upwards drift

736 through the core (Fig. 2 and Fig. 3(c-e)) with PC2 indicative of the presence or
737 absence of the 4.5 to 7 ϕ elements, and acting as a bridge to the presence of very fine
738 and slightly coarser sediment. Three broader stratigraphic facies have been identified
739 in the Lothian and Dhanchi Island core data which are similar to those developed by
740 Allison et al. (2003). It is proposed that the statistically derived facies presented in
741 this study may be considered to range over two of the principal facies that Allison et
742 al. (2003) outlined in their study (i.e., those of the ‘intertidal shoal’ and ‘supratidal’
743 facies).

744 Lithofacies of the Sundarbans and the TMF demonstrate a high degree of
745 variability between core-sites, however application of multivariate statistics offers
746 enhanced scope for palaeoenvironment interpretation. The lithofacies models
747 developed are applied to each site separately, with this approach taken given the
748 GSDs from the Gplot Island core would skew the analysis of the GSD data from the
749 Lothian and Dhanchi Island cores. Although the sites are relatively close (within 10
750 km), sediment dynamics and variability can be understood to be highly divergent
751 when the Gplot GSD data is examined. One potential explanation for this variability
752 may be in the depositional environment of the Gplot site. Tidal dominated
753 environments are indicative of intertidal to shallow subtidal zones, which are
754 dominated by muddy tidal flats and tidal channels and, may also include channel-
755 mouth and channel-side bar features (Goodbred and Saito, 2011). These tidal ridges
756 are understood to accrete vertically and horizontally (akin to subdued flooding
757 levees, i.e., channel-side features) until forming a shallow intertidal flat with
758 vegetation succession taking place (Goodbred and Saito, 2011).

759

760 5.2. Mineralogy of the West Bengal Sundarbans

761 Mineralogy from the West Bengal Sundarbans reveals key variability between the
762 islands. Terrigenous minerals are abundant in all cores, principally quartz, feldspars,
763 and muscovite mica. Quartz in Holocene sedimentary environments varies under a
764 number of circumstances (see Wedepohl, 1978; Kabata-Pendias, 2001; Hinman,
765 1998; Salminen et al., 2005; Garzanti et al., 2011). Quartz in these sediments may
766 reflect detrital deposition of weathering-resistant sediment in the West Bengal
767 Sundarbans. The Ganges River is understood to carry more quartz and less Ca-
768 plagioclase than the Brahmaputra river (Garzanti et al., 2011). With increased
769 erosion and sorting, the ratio of feldspar to quartz is generally diminished in sand
770 composition with higher proportion of quartz indicative of coarse grain-size
771 sediments (Nesbitt et al., 1996). This is seen in the mineral clusters 5, 4, 3, and 1
772 with mineralogy from Gplot (depth of c. 386 cm to c. 225 cm), having high quartz,
773 muscovite, albite, and kaolinite contents.

774 There is a dominant fluctuation between high quartz and high muscovite in
775 Dhanchi, particularly in clusters 2, 4, and 6 (core base to c. 220 cm). Mica may
776 illustrate winnowing and active deposition on continental shelf systems (Doyle et al.,
777 1968; Adegoke and Stanley, 1972; Doyle et al., 1979; Dias et al., 1984). Common
778 minerals like quartz, feldspars, and calcite are generally associated with significantly
779 reduced heavy mineral loads (Garzanti et al., 2008). Heavy minerals tend to be
780 enriched in the fine tail of the grain size distribution with quartz, feldspars, and
781 calcite found to comprise the coarse tail (Garzanti et al., 2008). Thus, micas make up
782 the coarsest tail of a grain size distribution for sediment due to their platy shape, with
783 the finest grain size fraction composed of zircon, monazite or magnetite because of
784 their extreme density (Garzanti et al., 2008). The predominance of mica and reduced

785 quartz content from the base of the core to c. 220 cm reflect this variability in
786 hydrodynamic sorting of minerals. From 220 cm to the core surface, mica
787 composition is reduced with much less variability in quartz composition (see Table 5
788 and Fig. 5).

789 In the Lothian core, fluctuations between clusters 2, 4, and 6 from the base of
790 the core to c. 500 cm may reflect variability in sand and silt deposition. Cluster 2 has
791 higher muscovite abundance (50.9%) relative to quartz (34.8%) with cluster 4 made
792 up of 78.6% quartz and no muscovite, variability in these detrital minerals may be a
793 result of diverging settling velocities (cf., Dias et al., 1984). Mineralogical variability
794 over time scales of centuries of deposition in terms of sediment hydraulics may be
795 attributed to the relative height of the tidal frame and the upward development of an
796 intertidal mudflat (cf., Allen, 1990; 2000), with fluctuations in tidal frame that
797 contribute fluctuations in settling of finer (i.e., muscovite) with coarser sediments
798 (i.e., quartz grains). Cluster 6 is composed of nearly equal quantities of quartz and
799 muscovite at 38.8% and 33.6%, with kaolinite at 11.9%, indicative of reduced
800 energy.

801 Chemical weathering in lowland rivers may control the formation of kaolinite
802 from feldspars and mica mineral assemblages, demonstrated in Fig. 14(a) where a
803 strong correlation is found between muscovite and kaolinite. Smectite, attributed to
804 be an indicator mineral for Ganges sediment provenance (Heroy et al., 2003) was not
805 found in this study or by Sarin et al. (1989), where kaolinite content ranged between
806 6.7% and 13.6%. The lack of smectite is attributed to the requirement of dehydration
807 experiments needed for positive smectite identification. Illite was not found either
808 but may be attributed to late stage weathering within the GAP (cf., Singh et al.,
809 2005a).

810 Kaolinite and muscovite percentages shown in Fig. 14(a) ($R^2 = 0.90$), show
811 kaolinite formation possibly a function of weathering in mica (cf., Stoch and Sikora,
812 1976). Muscovite mica to kaolinite formation is the result of transformation of:
813 muscovite \rightarrow mixed layer muscovite/montmorillonite \rightarrow montmorillonite \rightarrow
814 kaolinite (Stoch and Sikora, 1976). It is uncommon for montmorillonite to be found
815 and this may be due to montmorillonite existing in an unstable intermediate phase
816 during weathering (Stoch and Sikora, 1976).

817 Kaolinite and quartz shown in Fig. 14(b) being highly negatively correlated
818 ($R^2 = -0.96$). Correlation is attributed to grain-size variability and has been known to
819 occur in estuaries where quartz is dominant in sand and phyllosilicates in greater
820 abundance in finest fraction (Galán et al., 2003). Where there are greater quantities
821 of quartz there is a concomitant decrease in kaolinite.

822 Oscillating trends in mineral clusters found in the Dhanchi core are indicative
823 of silt and sand-size sediment, similar to the Lothian Island core, with the Gplot core
824 showing oscillating variability in mineral clusters associated with high mica and
825 quartz content, indicative of varying deposition in sand and silt. As the feldspar is
826 composed mainly of albite, chemical weathering tends to alter plagioclase feldspar as
827 opposed to K-feldspar and quartz, with the abundance of albite indicative of
828 weathered sediment (Grant 1963; Nesbitt and Young 1989; Nesbitt et al., 1996).

829 High quartz content compared to other minerals is indicative of low-relief
830 tropical weathering within the Bengal Basin (Potter, 1978; Mukherjee et al., 2009).
831 In gentle slopes, water easily penetrates into the substrate, dissolving the most
832 soluble constituents and accumulating the less mobile ones (Gutierrez, 2005).
833 Formation of kaolinite from feldspar and mica in soil and sediments as a result of
834 meteoric water drainage (Islam et al., 2002; Bjørlykke, 1998). This has been known

835 to occur within warm, humid climates, particularly under tropical conditions (Islam
836 et al., 2002). Formation of kaolinite is due to greater leaching conditions with high-
837 rainfall (Ehlmann, 1968; Islam et al., 2002).

838

839 5.3. Geochemistry of the West Bengal Sundarbans

840 The geochemistry of the Holocene sediment from the West Bengal Sundarbans can
841 be characterised as intensively weathered, terrestrial sediment derived from the
842 Ganges River, principally the GAP. Therefore we suggest that sediments of the TMF
843 are derived from the weathering and transport of Himalayan derived sediments, with
844 geochemical data supporting the two stage weathering model proposed by Singh et
845 al. (2005a), with initial weathering in the Himalaya and subsequent weathering under
846 a humid sub-tropical climate (Singh et al., 2005a). The first and second weathering
847 cycles are related to illite, and smectite dominance, respectively (Sarin et al., 1989;
848 Singh et al., 2005a). Although illite-smectite variability was not found in this study,
849 several aspects of the geochemical data validate both the source and processes (i.e.,
850 'second cycle' weathering products) in the TMF of the West Bengal Sundarbans.

851 The maturity of sediments in the Sundarbans can be derived from Fig. 6 and
852 from Fig. 7(a) following the Pettijohn et al. (1972) index of chemical maturity with
853 mineral stability following Herron (1988) (Fig. 7b). The Al_2O_3/SiO_2 versus
854 Fe_2O_3/SiO_2 presented in Fig. 6 for the Sundarbans along with the Siwaliks and the
855 Himalayan sources show that the increasing ratios from low-to-high are indicative of
856 decreasing quartz proportion and enrichment in phyllosilicates, respectively (Singh et
857 al., 2005a; Garzanti et al., 2010; Garzanti et al., 2011). The linear trend shown in Fig.
858 6 may correspond to mineralogical sorting of sediments during transportation (Singh
859 et al., 2005a; Garzanti et al., 2008; Garzanti et al., 2009). The lower ratios found in

860 samples from Gplot, with the subsequent increasing trend, indicate increasing
861 compositional maturity in Sundarbans sediments (cf., Singh et al., 2005). Textural
862 maturity is further substantiated by the Pettijohn et al. (1972) classification scheme,
863 where the majority of Sundarbans samples are found to be mostly litharenite and
864 greywacke/wacke. Mineral stability in the modified classification scheme of
865 Pettijohn et al. (1972) by Herron (1988) shows a consistency in the Sundarbans being
866 mineralogical mature, with most samples found to be litharenites and wacke (Fig.
867 7b). As discussed by Herron (1988), the $\text{Fe}_2\text{O}_3/\text{K}_2\text{O}$ ratio can be considered an
868 indicator of mineralogical stability. The most stable rock-forming minerals found at
869 low temperature and pressures in sedimentary environments are K-feldspar,
870 muscovite mica, and quartz (Herron, 1988). K-feldspar and muscovite mica tend to
871 have high quantities of K, and in all three there is a low Fe content (Herron, 1988).
872 There tends to be a higher Fe and Mg content in less stable rock-forming minerals
873 (Herron, 1988). Stable mineral assemblages therefore possess low $\text{Fe}_2\text{O}_3/\text{K}_2\text{O}$ ratios,
874 while less stable mineral assemblages that are found close to sediment source have
875 high $\text{Fe}_2\text{O}_3/\text{K}_2\text{O}$ ratios (Herron, 1988). The $\text{SiO}_2/\text{Al}_2\text{O}_3$ ratio allows for a distinction
876 between high-ratio sandstones and quartz-rich sands, and low-ratio shales (Herron,
877 1988). With the exception of some of the samples from Gplot, the majority of
878 Sundarbans sediments plot within a mineralogically-stable, silica-depleted litharenite
879 classification. Furthermore, these Sundarbans samples appear to be more mature
880 relative to those of Singh et al. (2005a) and Bhuiyan et al. (2011), indicating that
881 these samples are located further from their source. The presence of the Sundarbans
882 samples in these plots shows that these are also undergoing stronger degrees of
883 weathering, relative to the upper reaches of the GAP and Brahmaputra-Jamuna
884 rivers. A complex relationship exists between tectonic setting and having a unique

885 geochemical signatures, with source and depositional sites having divergent tectonic
886 settings (McLennan et al., 1990; Bahlburg, 1998; Armstrong-Altrin and Verma,
887 2005).

888 The enrichment ratios found in the Sundarbans sediments illustrate
889 dissolution during chemical weathering, whereby SiO_2 , Na_2O , and K_2O depletion
890 may be attributed to the dissolution of feldspar minerals (Nesbitt and Young, 1984;
891 Singh et al., 2005). Furthermore, increased distance from sediment source, coupled
892 with increased weathering, indicate a depletion of SiO_2 and K_2O in the Sundarbans
893 sediments, relative to what was found by Singh et al. (2005a). The weathering of
894 biotite and ferromagnesium minerals tends to release Mg and K (Clow and Drever,
895 1996; Singh et al., 2005a; Garzanti et al., 2010; Lupker et al., 2012; Bouchez et al.,
896 2012). The depletion of Na and Ca may be attributed to their highly mobile nature
897 during chemical weathering (Nesbitt and Young, 1984; Singh et al., 2005a; Bouchez
898 et al., 2012). This then results in these elements being concentrated in dissolved river
899 water loads, hence the subsequent depleted nature of these in the Sundarbans
900 samples. The immobility of Ti means that it is enriched in all Sundarbans samples,
901 mainly Lothian and Dhanchi, with a lower enrichment ratio in Gplot, which was
902 found to have a ratio similar to the UCC. Potassium has been found to be less mobile
903 than Ti, and may be associated with clay mineral formation within the GAP whereby
904 K is preferentially adsorbed by clay minerals (cf., Singh et al., 2005a). The
905 enrichment of Fe_2O_3 in the Sundarbans samples may be attributed to weathering and
906 depositional maturity of the Sundarbans, relative to the Gomati River and
907 Brahmaputra-Jamuna sites examined by Singh et al. (2005a) and Bhuiyan et al.
908 (2011), respectively.

909 The inter-element relationships found in the major element geochemistry
910 show a generally negative trend with SiO₂, indicating a grain-size control on the
911 geochemistry of weathering products (Singh et al., 2005a; Garzanti et al., 2010,
912 2011; von Eynatten et al., 2012; Lupker et al., 2013). Fe, Al, and Si are considered
913 immobile elements during Himalayan erosion since they are found to be resistant to
914 chemical weathering (Galy and France-Lanord, 2001; Lupker et al., 2013). The
915 relationship between TiO₂ and Fe₂O₃ was attributed to both enrichment of heavy
916 minerals in Sundarbans sediment and a common source of ferromagnesium minerals.
917 A strong correlation for TiO₂ with Al₂O₃ and K₂O may indicate that Ti was derived
918 from mica in fluvial sediments (Galy and France-Lanord, 2001; Singh et al., 2005a;
919 Lupker et al., 2013). Although the correlation for K₂O was poor ($R^2 = 0.06$), the
920 correlation with Al₂O₃ was relatively strong ($R^2 = 0.66$). The poor correlation with
921 K₂O may be attributed to the substitution effect of K with Rb (El-Makky and Sediek,
922 2012). Singh et al. (2005a) consider correlation between K₂O with MgO and Al₂O₃
923 (Fig. 10d,f) to reflect illite in suspended sediments. However, this was not found in
924 this study, indicating increased weathering and illite removal within the Sundarbans.
925 The lack of smectite may also be linked to the lack of correlation found between
926 MgO and Al₂O₃, where MgO has weathered out of sediment and dissolved into
927 solution (Fig. 10f). Dissolution of MgO has been found by Singh et al. (2005b) to
928 contribute heavily to the cation budget of the Brahmaputra, where on average 75% of
929 the cations are Ca and Mg.

930 The A–CN–K ternary diagram and CIA (Fig. 11a,b) reveal a trend of
931 increasing weathering throughout the Sundarbans sediments. With progressive
932 chemical weathering, there is an increase in clay mineral composition with a
933 concomitant decrease in feldspars and other minerals (Singh et al., 2005a; Garzanti et

934 al., 2010, 2011; Bouchez et al., 2012; Lupker et al., 2012, 2013). This is further
935 evidenced by Sundarbans sediments following a predicted weathering trend along the
936 A–CN apex of the ternary diagram. The location of both Lothian and Dhanchi
937 samples, along with Gplot samples at the highest point on the A–CN–K ternary
938 diagram is indicative of higher intensity chemical weathering. The A–CNK–FM
939 ternary diagram (Fig. 11c) illustrates the predominant trend of Sundarbans samples
940 to follow the predicted weathering trend in the GAP as proposed by Singh et al.
941 (2005a). The S/10–CM–NK ternary diagram (Fig. 11d) shows that data plot parallel
942 to the S/10–CM apex, similarly to those Singh et al. (2005a) and Bhuiyan et al.
943 (2011) data. This trend indicates the control of Na and K mobility during weathering
944 (Nesbitt and Young, 1984; Singh et al., 2005a; Garzanti et al., 2011; Lupker et al.,
945 2012; Bouchez et al., 2012). The proximity of the Sundarbans samples to Na and K
946 illustrates the higher degree of weathering in the Sundarbans, compared with Singh
947 et al. (2005a) and Bhuiyan et al. (2011). The primary distinction between Ganges and
948 Brahmaputra sources in the G-B Delta is the degree of weathering in sediments, with
949 Brahmaputra derived sediments being considerably less weathered than those for the
950 Ganges. What this study has shown is that not only are sediments from the
951 Sundarbans more weathered than those found in the Brahmaputra, ruling out a
952 Brahmaputra source of sediment; but that sediments are more intensively weathered
953 than those found by Singh et al. (2005a), with the exception of floodplain and
954 suspended sediments. At the Sundarbans, sediments are considered to be channel
955 sediments, and, given the lithofacies found in this study, may be considered to be
956 intensively weathered.

957 Chemical mobility within the Sundarbans sediments backs up the inference
958 regarding intense weathering, since increasing weathering intensity is associated with

959 decreasing variability in Si, Na, and K. The rapid decrease in CaO throughout the
960 Sundarbans sediments shows the predominance of Ca to be released during the
961 weathering of feldspars, but not retained in the clay fraction and being dissolved into
962 solution (Singh et al., 2005a). This is supported by Singh et al. (2005b) whereby the
963 cation budget of the Brahmaputra is dominated by Ca and Mg, with dissolution of
964 CaO increasing as a result of weathering (Fig. 12g). Ca from the Ganges River
965 sediment has been found to be reduced by half from the initial Ca composition
966 (Bouchez et al., 2012).

967 Zirconium, and its mineral constituent zircon may be related to grain-size
968 variability, whereby Zr has been shown to be correlated with coarse-size fractions
969 (e.g., fine to very-fine sands) (Flood et al., 2016). With increased weathering, there
970 may be a concomitant increase in clay minerals, leading to fining-up in lithofacies.

971 Sediments in the sites examined in this study are composed of the TMF
972 which are derived from the Ganges River through the GAP, having undergone two
973 cycles of weathering. The provenance and depositional model outlined in this study
974 is both enhanced and adds to the model of Rogers et al. (2013), whereby
975 sedimentation is locally heterogeneous in the Sundarbans with seasonal delivery of
976 sediment distributed throughout all parts. Although Rogers et al. (2013) analysed
977 present-day sedimentation in the Bangladesh Sundarbans, the present study has
978 demonstrated that sediments from the West Bengal Sundarbans are sourced from the
979 GAP, through the Ganges River. As Rogers et al. (2013) have found the majority of
980 sediment deposited on the tidal delta plain during monsoonal activity was derived
981 from flooding. The catchment and upper floodplain may be considered the principal
982 source (i.e., GAP) of sediments accreting on the lower delta plain surface (Rogers et
983 al., 2013).

984

985 5.4. Summary of the mineralogy, grain size, and chemical index of alteration from
986 the Sundarbans

987

988 The relationship between mineral clusters, GSD facies, and CIA is shown in Fig. 15
989 from the Lothian, Gplot, and Dhanchi cores. In each core there is a distinct trend,
990 with increasing weathering intensity moving from the base of the core to the core
991 surface shown by the CIA values along with a fining-up in GSD facies. Mineral
992 clusters demonstrate this relationship between mineralogy and GSD facies, with
993 higher quartz, muscovite, and albite indicative of coarse grained sediment, and
994 kaolinite of fine grained sediment (e.g., mineral clusters 6, 4, 2). It has been found
995 that quartz, feldspar, and heavy minerals steadily increase with depth relative to
996 micas, such as muscovite and clay-rich aggregates in the G-B delta (Garzanti et al.,
997 2011). The fluctuations between muscovite mica and quartz reflect most strongly the
998 differentiating settling velocities of sediment, whereby size shifts for micas, which
999 settle slower than quartz in spite of their higher density (Garzanti et al., 2008). In this
1000 respect, grain size facies illustrate the continuous fluctuations between slightly
1001 coarser, quartz dominated silts, and finer, muscovite mica dominated clays. This is
1002 seen with the increase in kaolinite content moving up through each of the cores.
1003 Chemical weathering indices have been found to be similar in both the Ganges and
1004 Brahmaputra sediments, indicative of significant weathering in monsoonal climates
1005 (Garzanti et al., 2011). The CIA for each of the cores shown in Fig. 15 has illustrated
1006 the variability in suspension sorting, the weathering indices decrease with depth
1007 through the cores from the Sundarbans (cf., Garzanti et al., 2011). This trend in
1008 decreasing weathering intensity has been found to be higher in the Ganges plains

1009 than in the Brahmaputra (Garzanti et al., 2011). This increase in CIA moving up-
1010 core, is understood to be a hydraulic-sorting effect, as a result of decreasing Al,
1011 related to phyllosilicates, and increasing Na and Ca, associated with plagioclase,
1012 offset by a decrease in K and Mg (Garzanti et al., 2011).

1013 The mineralogy of sediments from the Himalayas is composed primarily of
1014 quartz, micas, and feldspars, with the finer fraction composed mainly of
1015 phyllosilicates, clay assemblages and hydroxides (Garzanti et al., 2010, 2011; Lupker
1016 et al., 2013). During sediment transport these minerals are segregated with coarse-
1017 grained quartz enriched in bedload at the bottom of the water column and
1018 phyllosilicates and clays found to be enriched in shallow surface waters (Lupker et
1019 al., 2013). The sediments of the TMF presented in this study reflect this partitioning
1020 of mineralogy and geochemistry as a result of sediment transport.

1021

1022 **6. CONCLUSION**

1023 The TMF of the Ganges-Brahmaputra Delta have been examined and found to reveal
1024 intensively weathered, terrestrial sediment derived from the Ganges River,
1025 principally the GAP. The TMF in the West Bengal Sundarbans are composed of
1026 sediments sourced from the Ganges that went through initial in-situ weathering, prior
1027 to being eroded and chemically weathered in the GAP, and finally being transported
1028 to the lower delta plain during the monsoon. The TMF is proposed as being
1029 diachronous in terms of the role played by fluvial and marine processes in
1030 deposition. The depositional model for the TMF in the far western extent of the G-B
1031 delta is that the sediment plume is then transported westwards by prevailing currents,
1032 and through tides these sediments are deposited onto the delta plain. This study

1033 presents a first-order approximation of lithofacies and geochemistry of the TMF on
1034 the western abandoned lower Ganges–Brahmaputra delta and demonstrates that:

1035 1. Geochemical data enhances the weathering model proposed by Singh et al.
1036 (2005a), with sediments of the TMF having undergone at least two cycles of
1037 weathering.

1038 2. Mineralogy of the cores collected shows a predominance of quartz and mica
1039 with clay minerals. Quartz supply is interpreted as indicative of terrestrial
1040 sources of sediment, draining the Himalayas.

1041 3. Kaolinite formation is derived from feldspar and muscovite mica with
1042 kaolinite the product of intense chemical weathering.

1043 4. Fining upward trend in grain size distributions in the West Bengal
1044 Sundarbans.

1045 5. Dhanchi and Lothian Island lithofacies are considered to be muddy tidal flats
1046 with Gplot Island indicating an intertidal to shallow subtidal environment
1047 with possible channel-mouth and channel-side bar deposits.

1048 6. Geochemical, mineralogical and lithofacies composition of the TMF suggest
1049 it is locally heterogeneous with sediment derived from the Ganges and
1050 deposited tidally in a low-energy system following the model of Rogers et al.
1051 (2013).

1052

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1511 data from Singh et al. (2005a) and Bhuiyan et al. (2011). Lower and higher
1512 ratios are indicative of the quartz dominance moving towards enrichment of
1513 phyllosilicates, respectively. Linear trend in mineralogical sorting is indicative
1514 of transportation. Gray ellipses indicate composition of source area: the
1515 Himalaya and the Siwaliks (Galy and France-Lanord, 2001). Star corresponds
1516 to average UCC (Taylor and McLennan, 1985). CS: channel sediments, FS:
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1523 FS: flood sediments, and SS: suspended sediments. *Data points from Singh et
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1545 cross, along with idealised mineral compositions. Shown are the predicted
1546 weathering trends exhibited by the Ganga alluvial plain with arrows, which had
1547 experienced incipient to moderate chemical weathering. (b) Bar plot of average
1548 Chemical Index of Alteration (Eq. 1) values of the West Bengal Sundarbans
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1551 diagrams showing sediment suites from the West Bengal Sundarbans. A =
1552 Al_2O_3 ; C = CaO; N = Na_2O ; K = K_2O ; F = Total Fe; M = MgO; S = SiO_2 .

1553 Fig. 12 Chemical mobility in the West Bengal Sundarbans sediments during
1554 weathering processes, calculated in terms of percentage change (normalised

1555 with respect to TiO_2) of individual major/trace elements vs. progressive degree
1556 of chemical alteration (CIA values) (Eq. 3)

1557 Fig. 13 Cartoon example of depositional model for the far western extent of the
1558 Ganges-Brahmaputra delta in the West Bengal Sundarbans. The TMF is
1559 proposed as being a diachronous facies unit whereby fluvial dominance was
1560 prevalent c. 5,000 yrs BP that gradually developed into a mixed fluvio-tidal
1561 dominant delta from c. 3,000 yrs BP, to finally its current state as being a tidal
1562 dominant delta. Sediment is sourced primarily from the Ganges river and
1563 delivered to the coastal shelf as a dominantly monsoonal plume that is re-
1564 worked onto the delta plain, with the emerging tidal supplied sediment plume
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1571 correlation ($R^2 = -0.96$) is found between kaolinite and quartz, indicative of
1572 grain-size variability

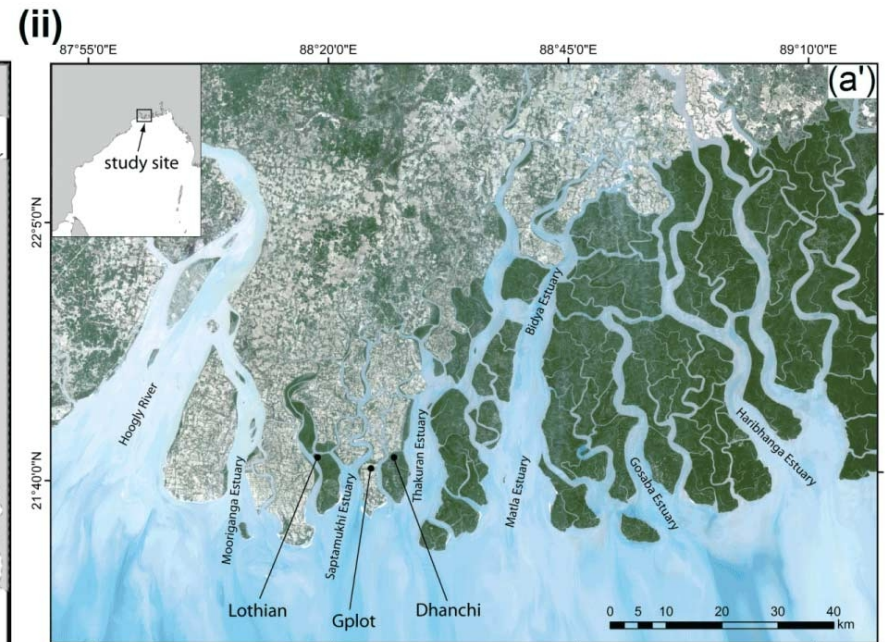
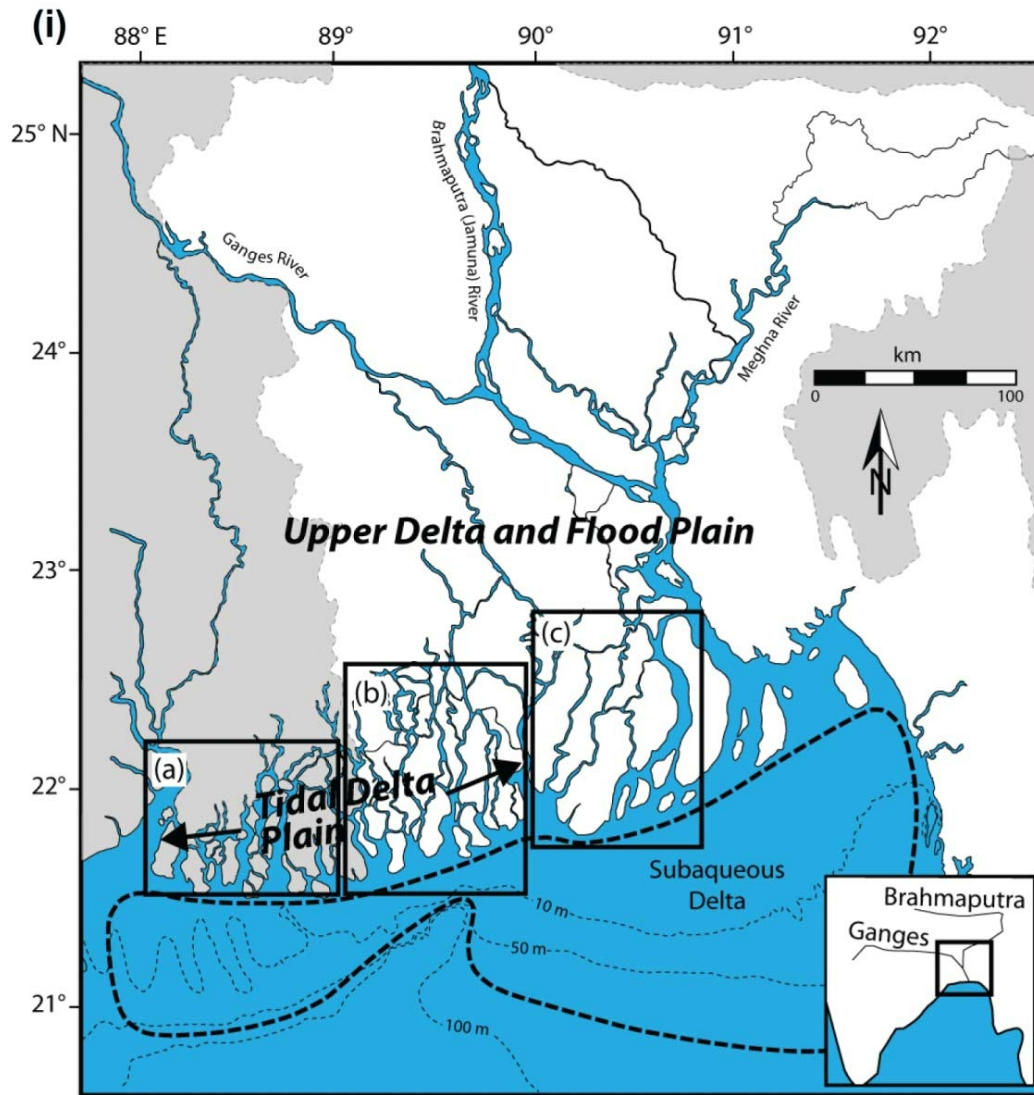
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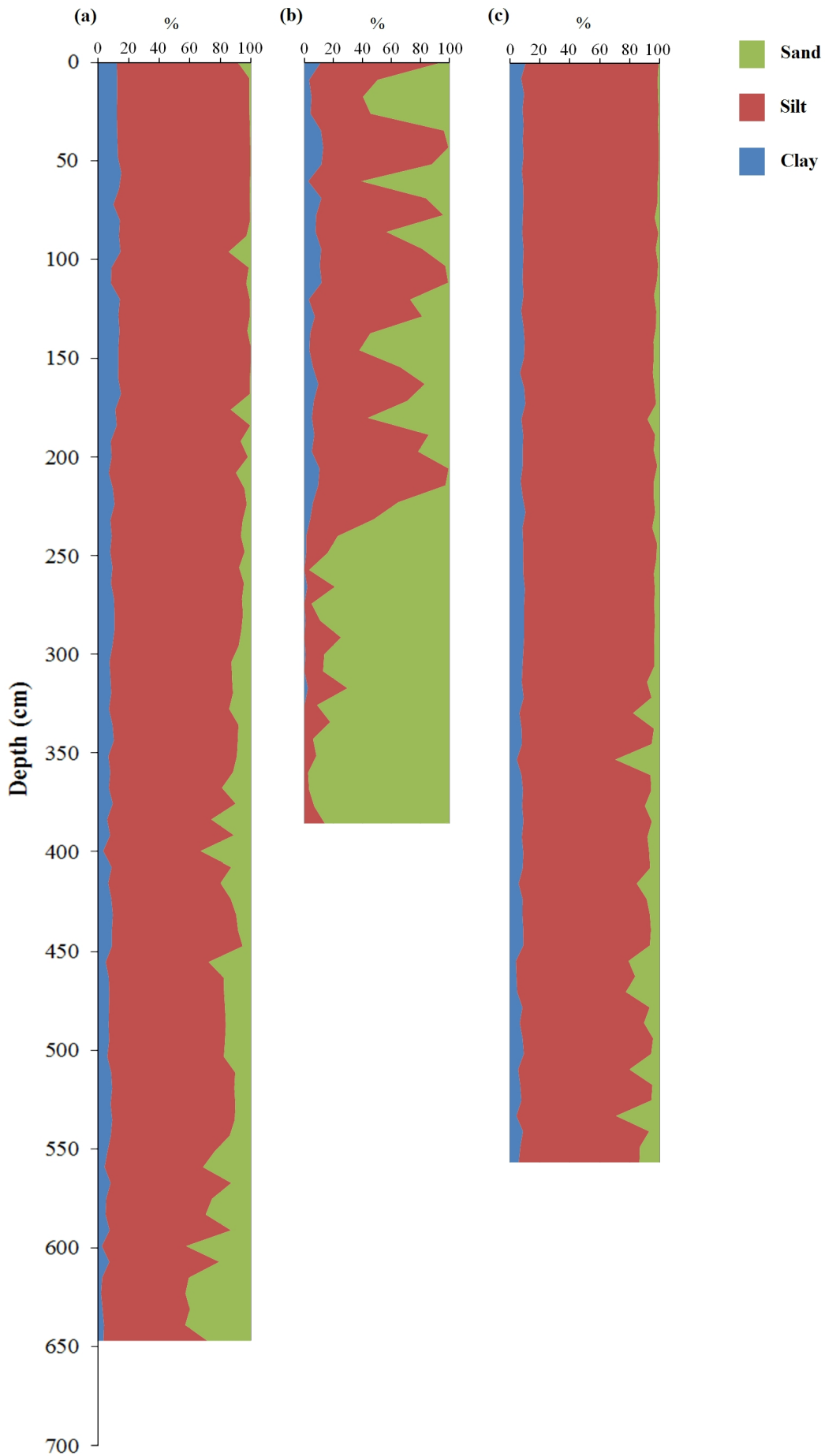
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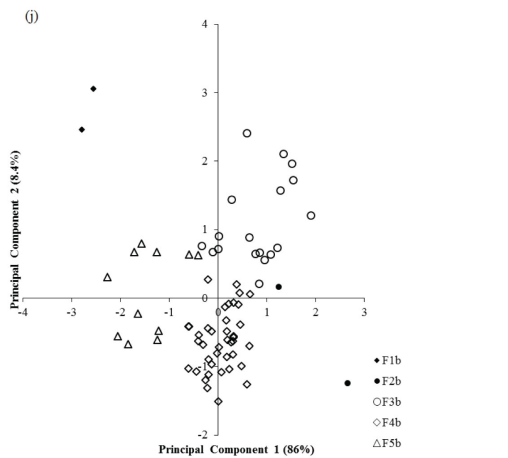
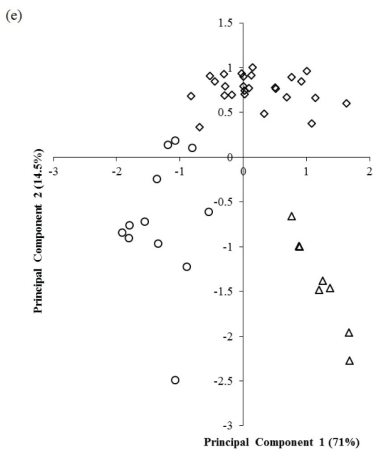
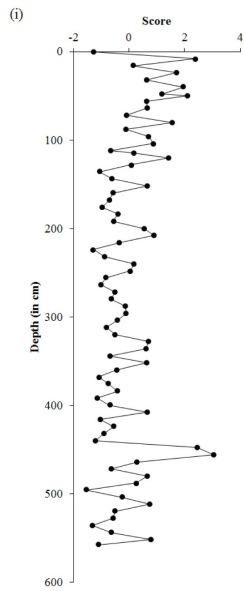
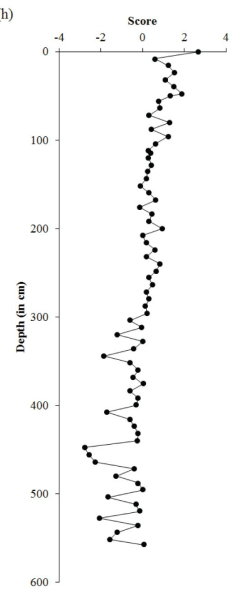
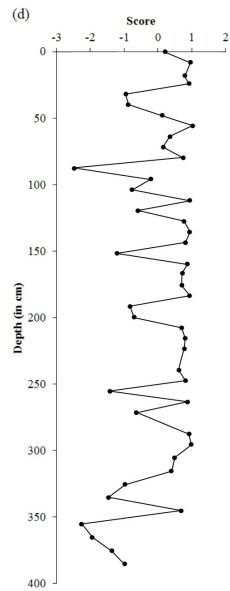
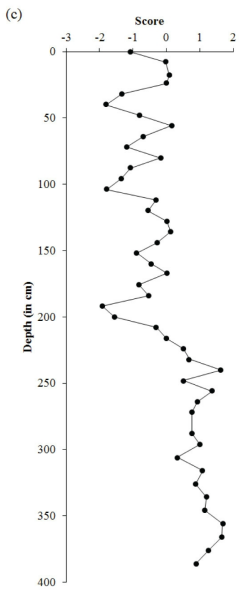
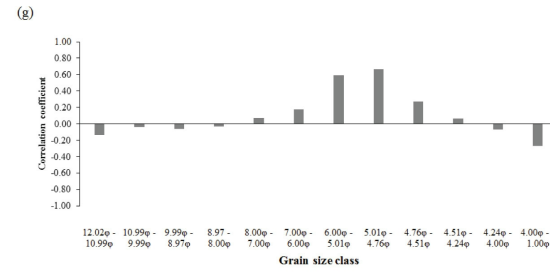
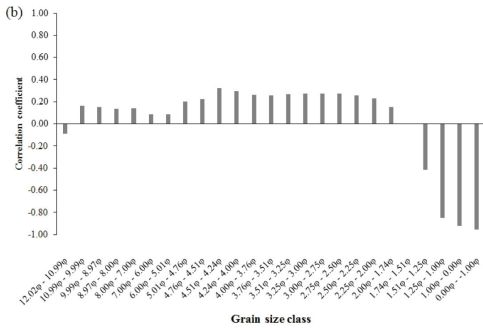
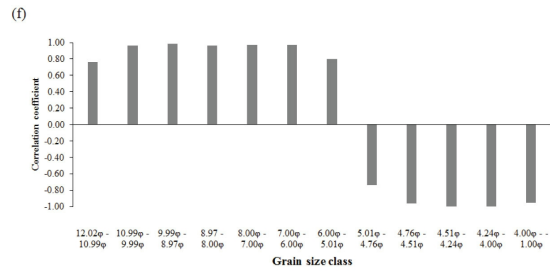
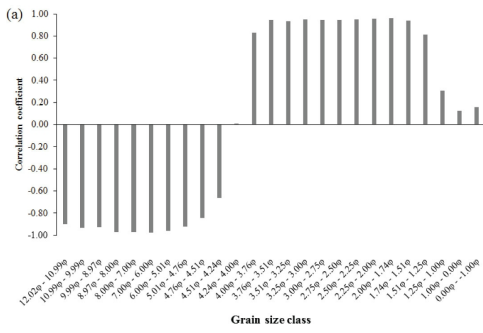
1577 **List of supplementary information**

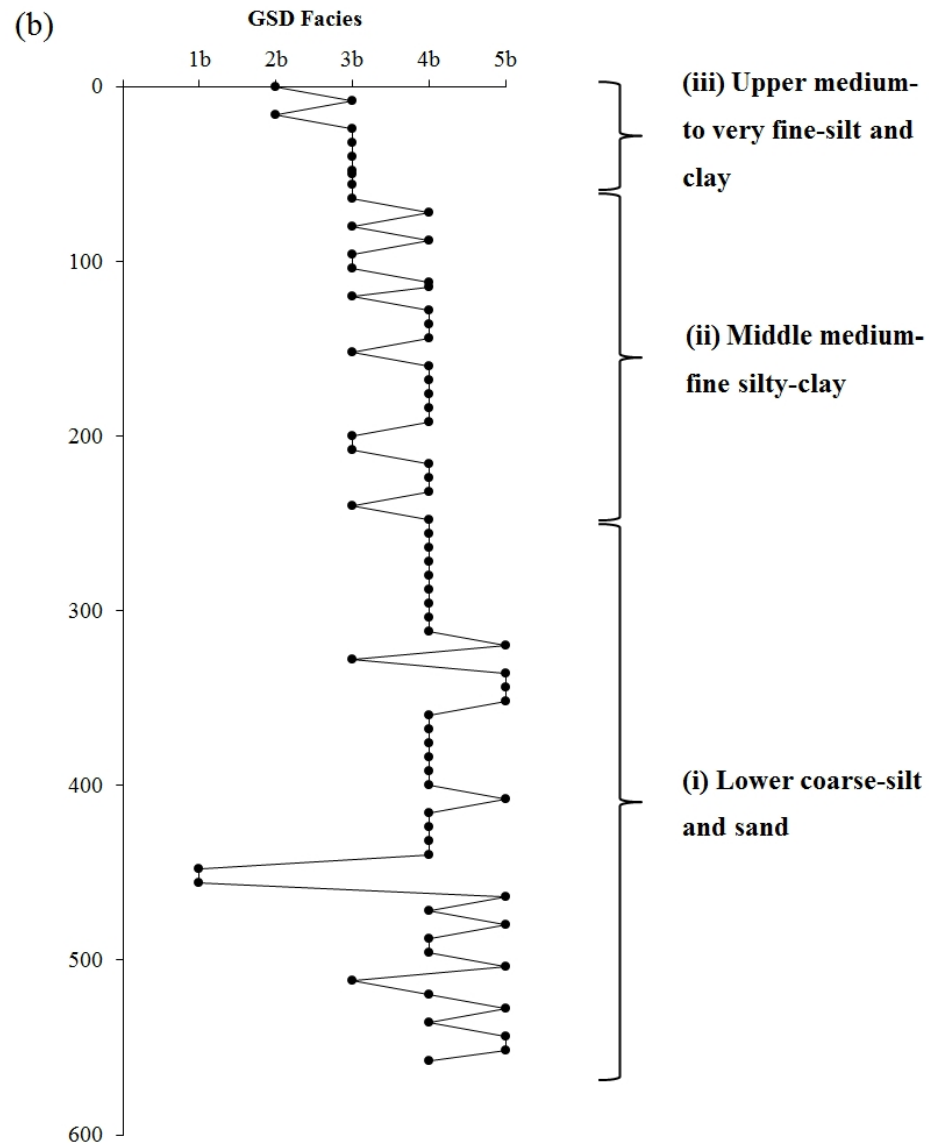
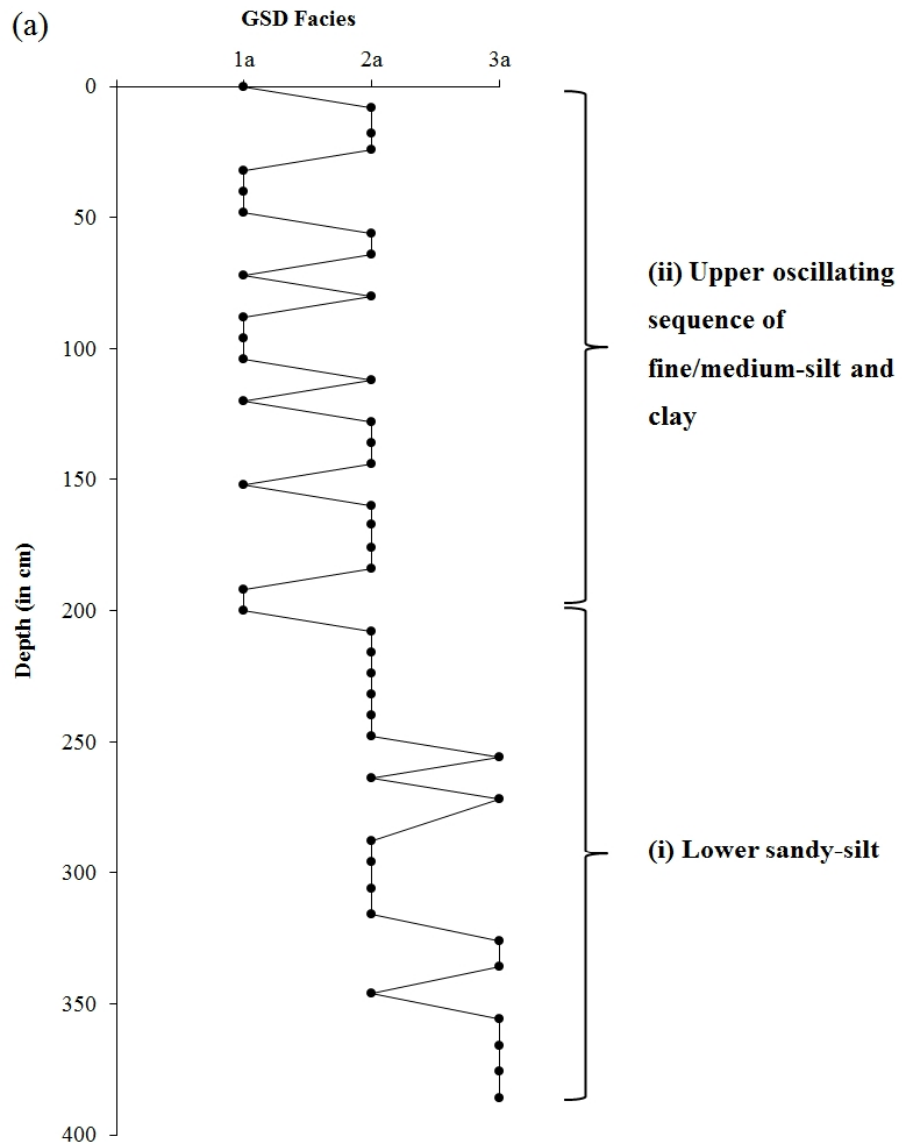
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1579 representative samples

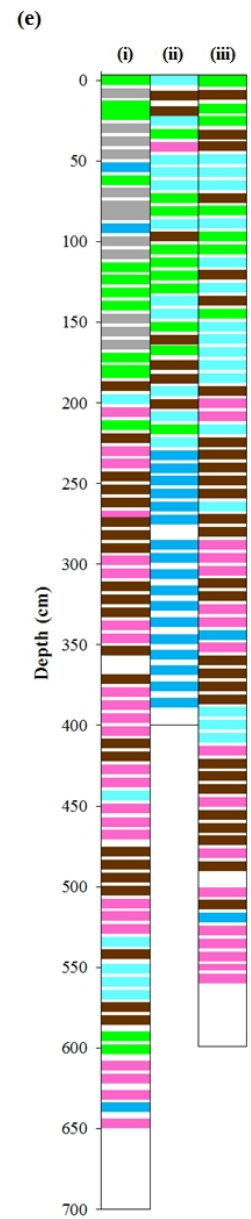
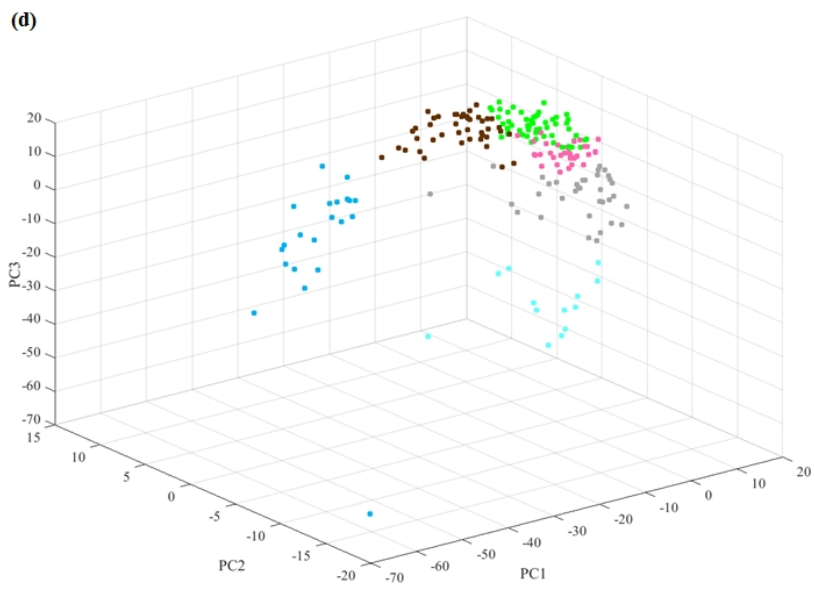
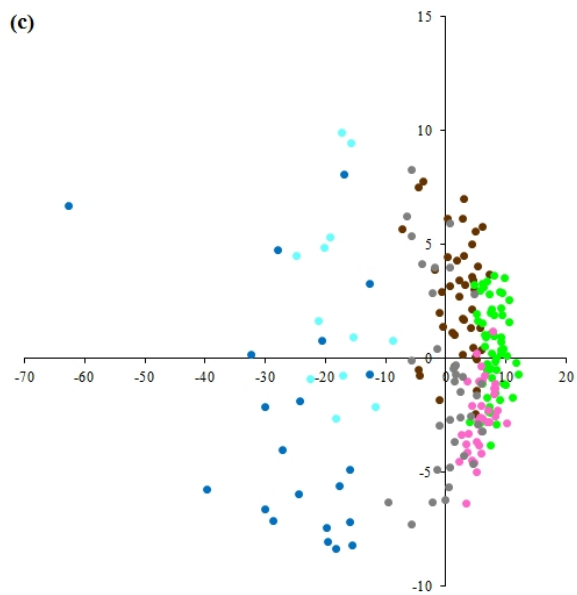
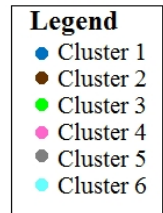
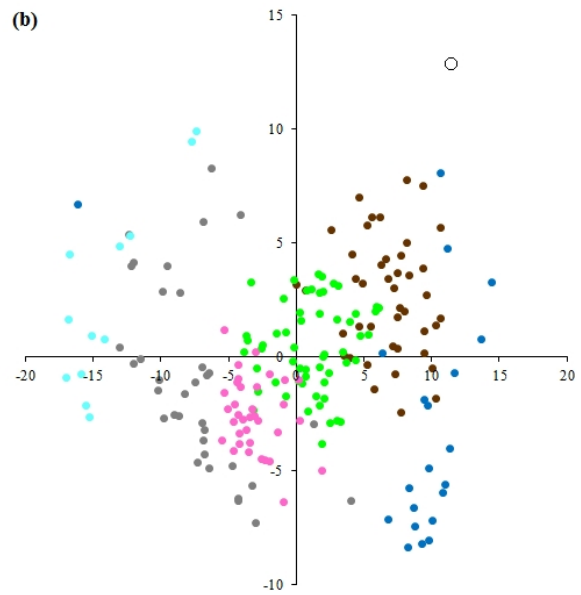
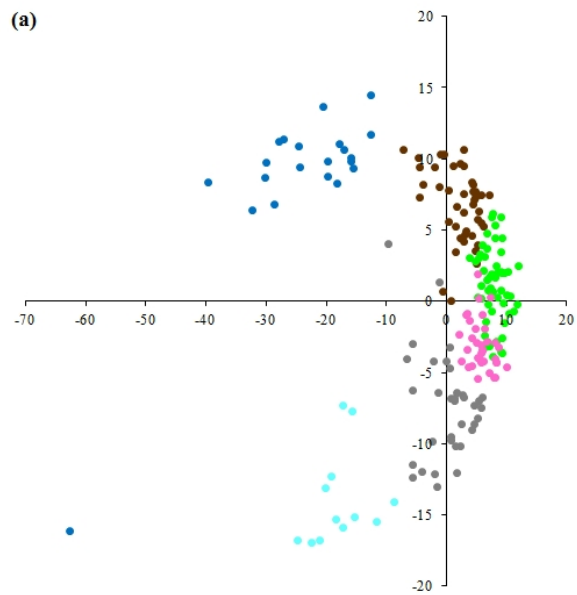
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1581 maximum values of elemental concentrations (% , ppm) for the suite of
1582 calibration international geochemical reference standards used in the Bruker
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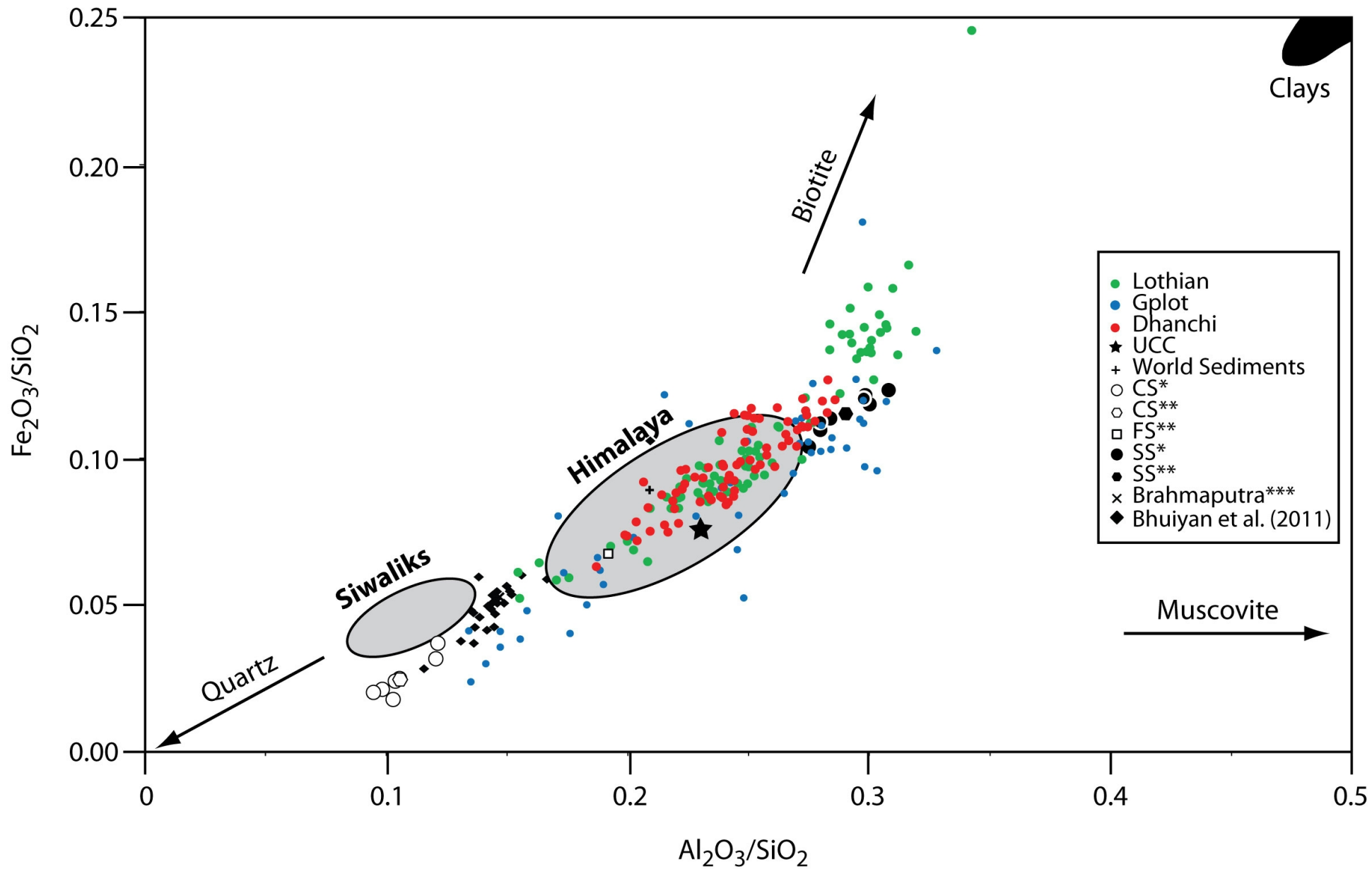


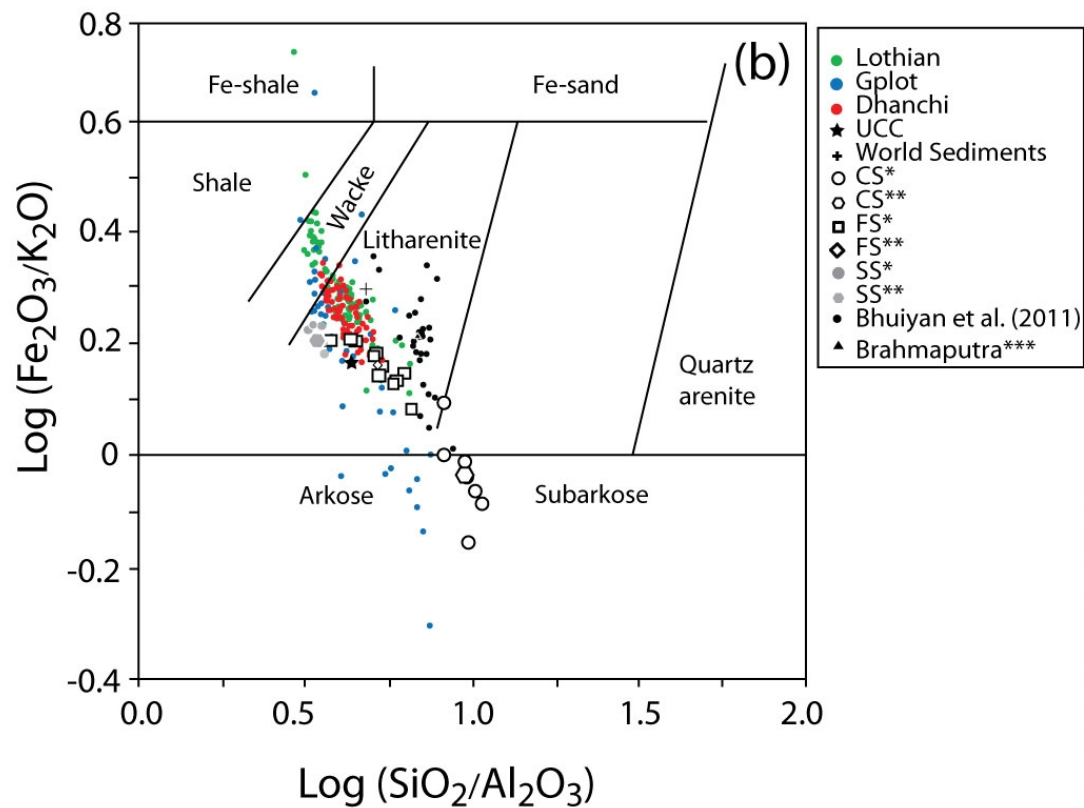
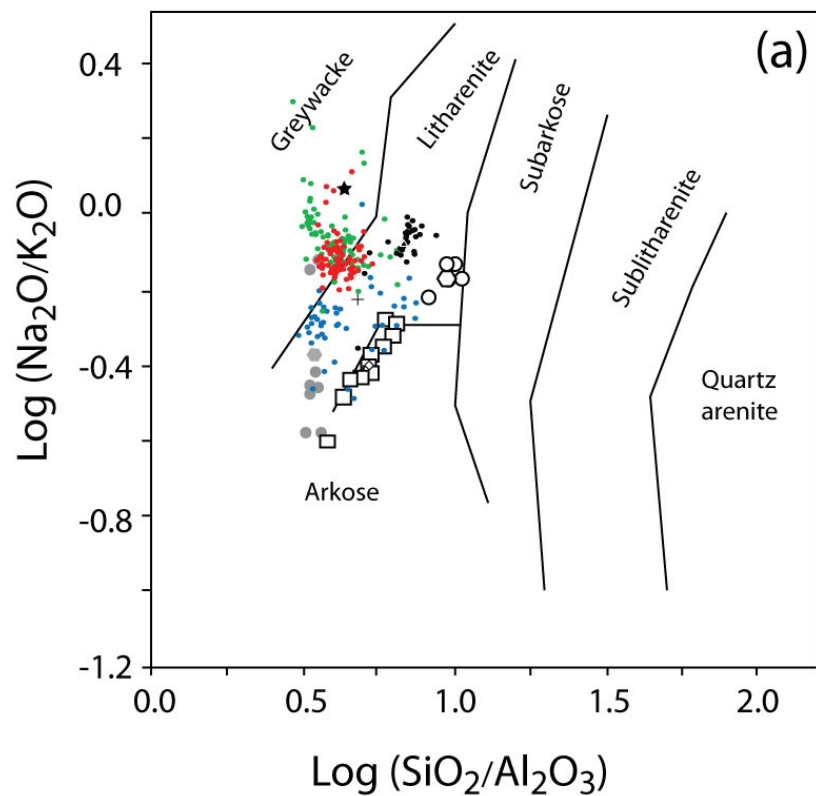




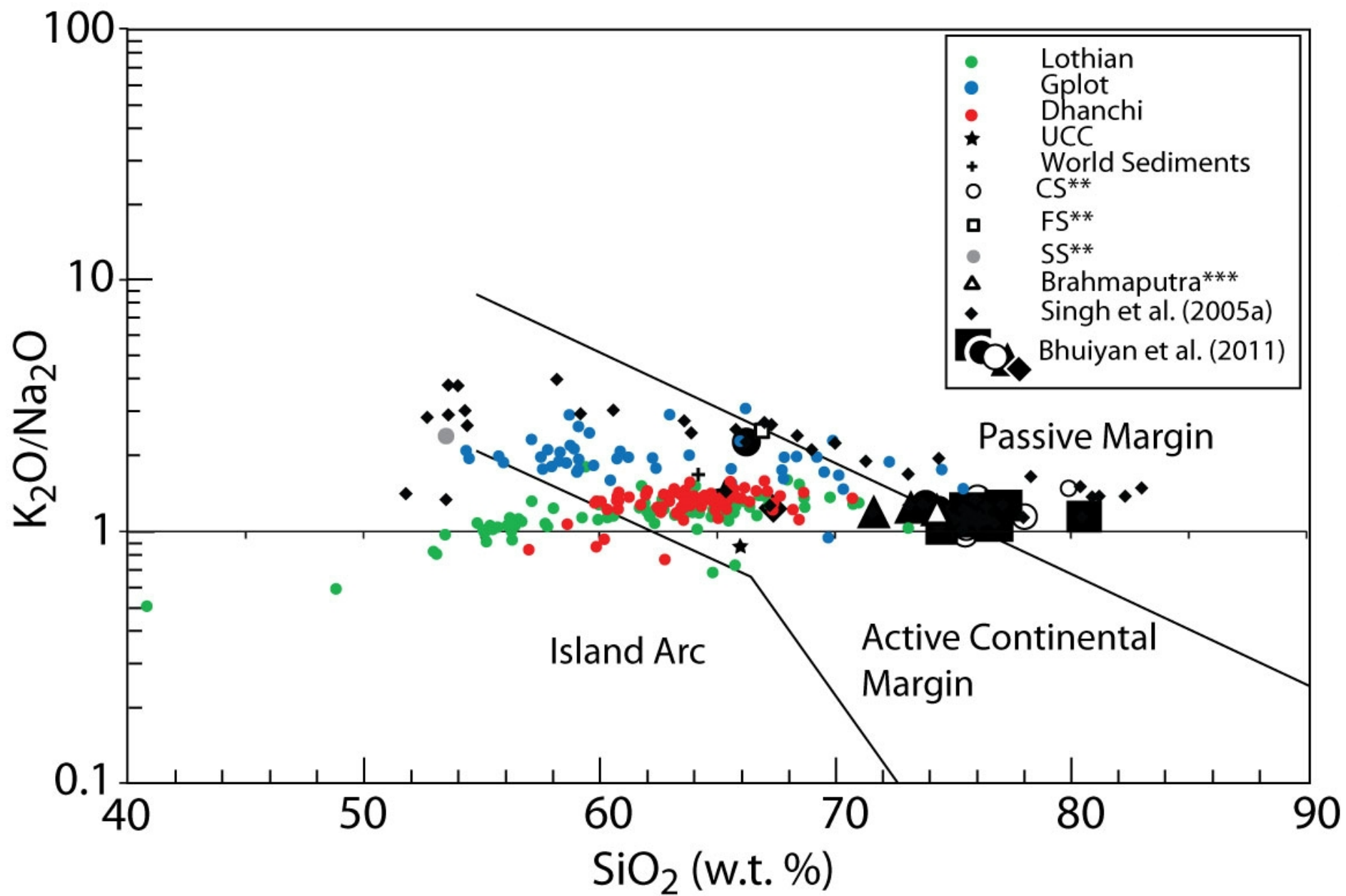


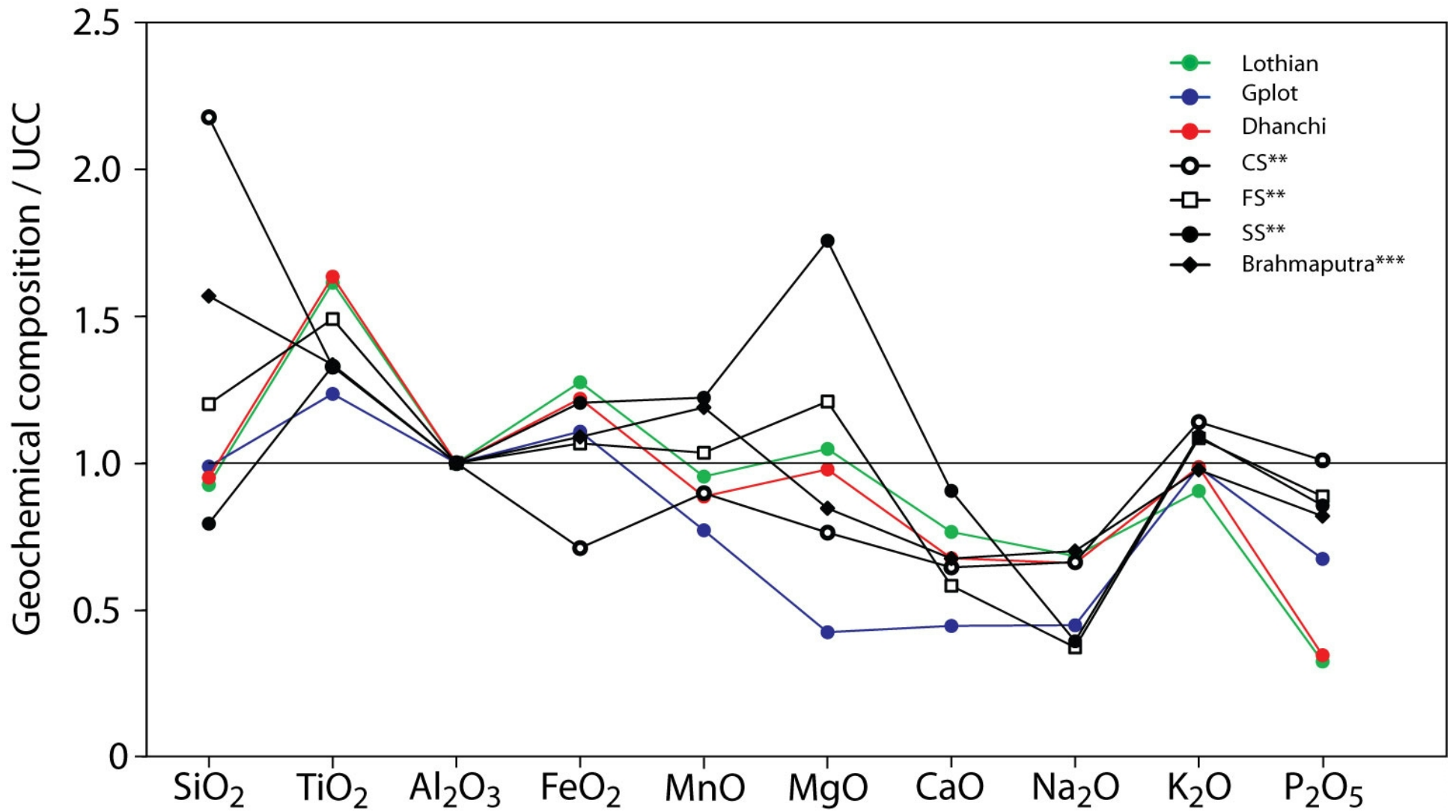


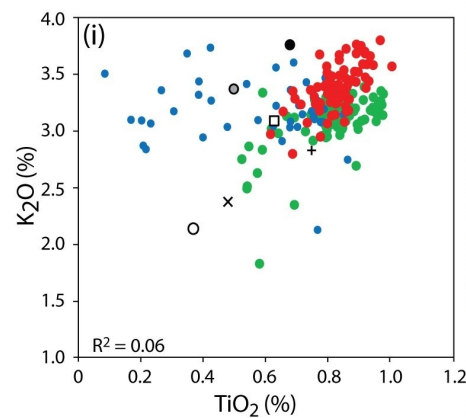
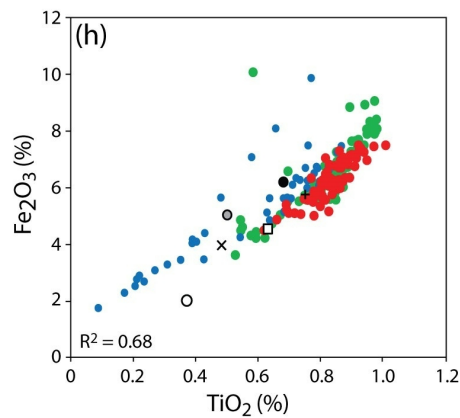
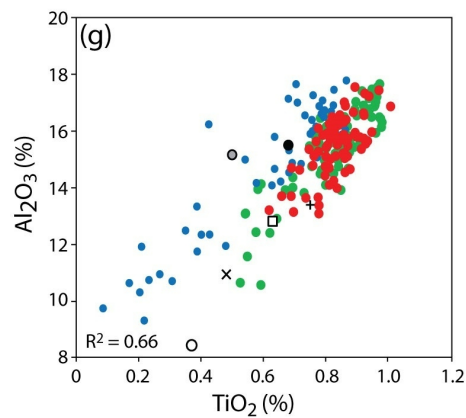
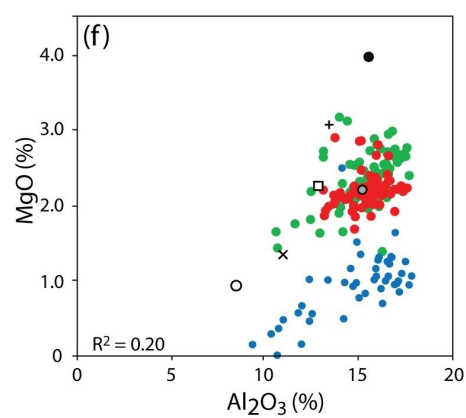
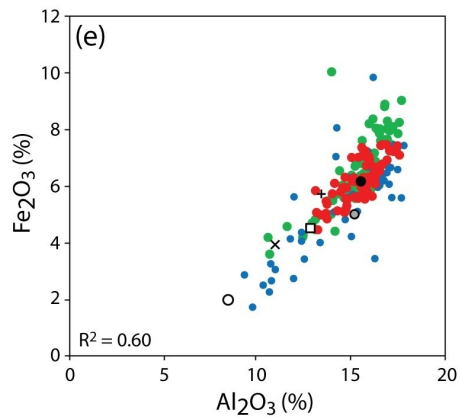
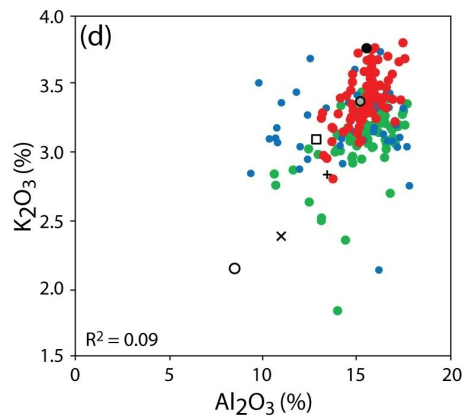
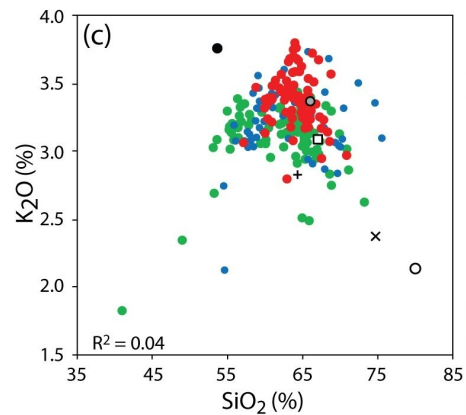
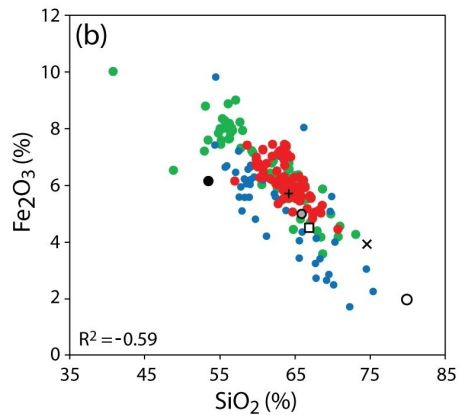
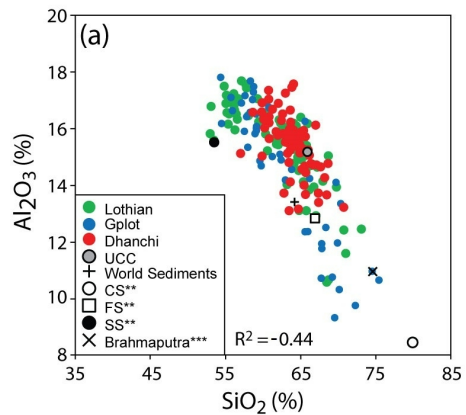


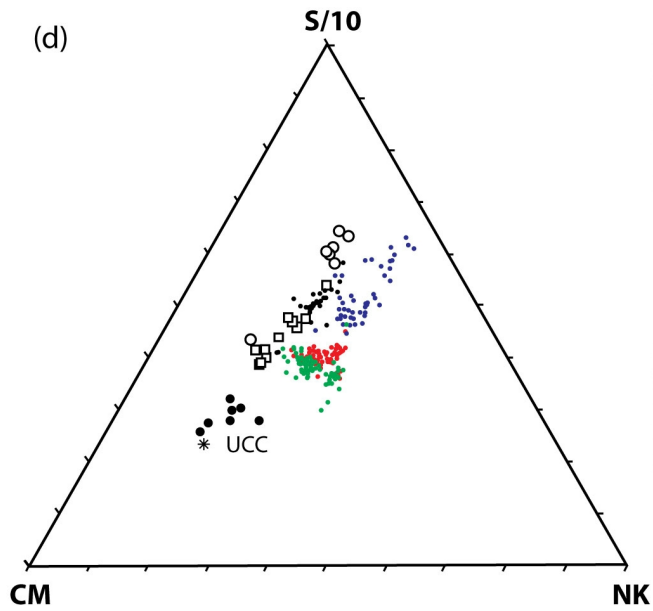
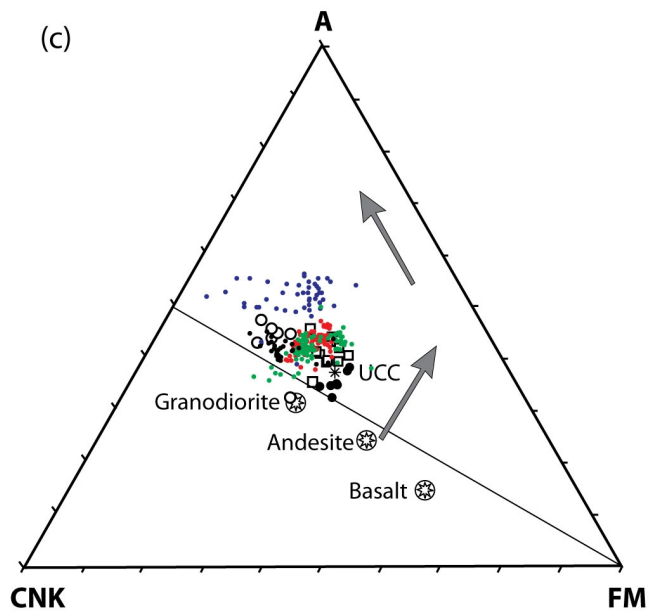
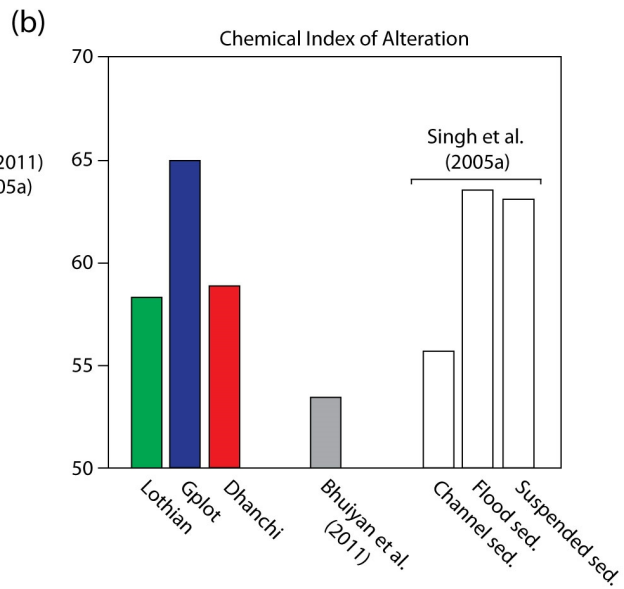
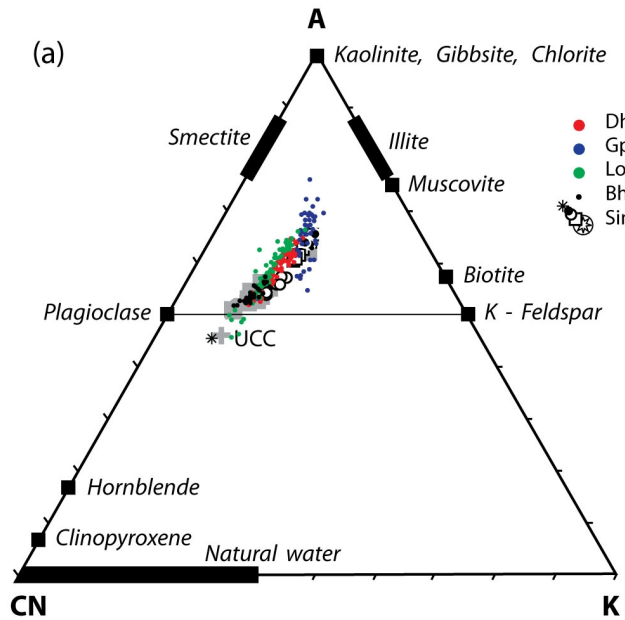


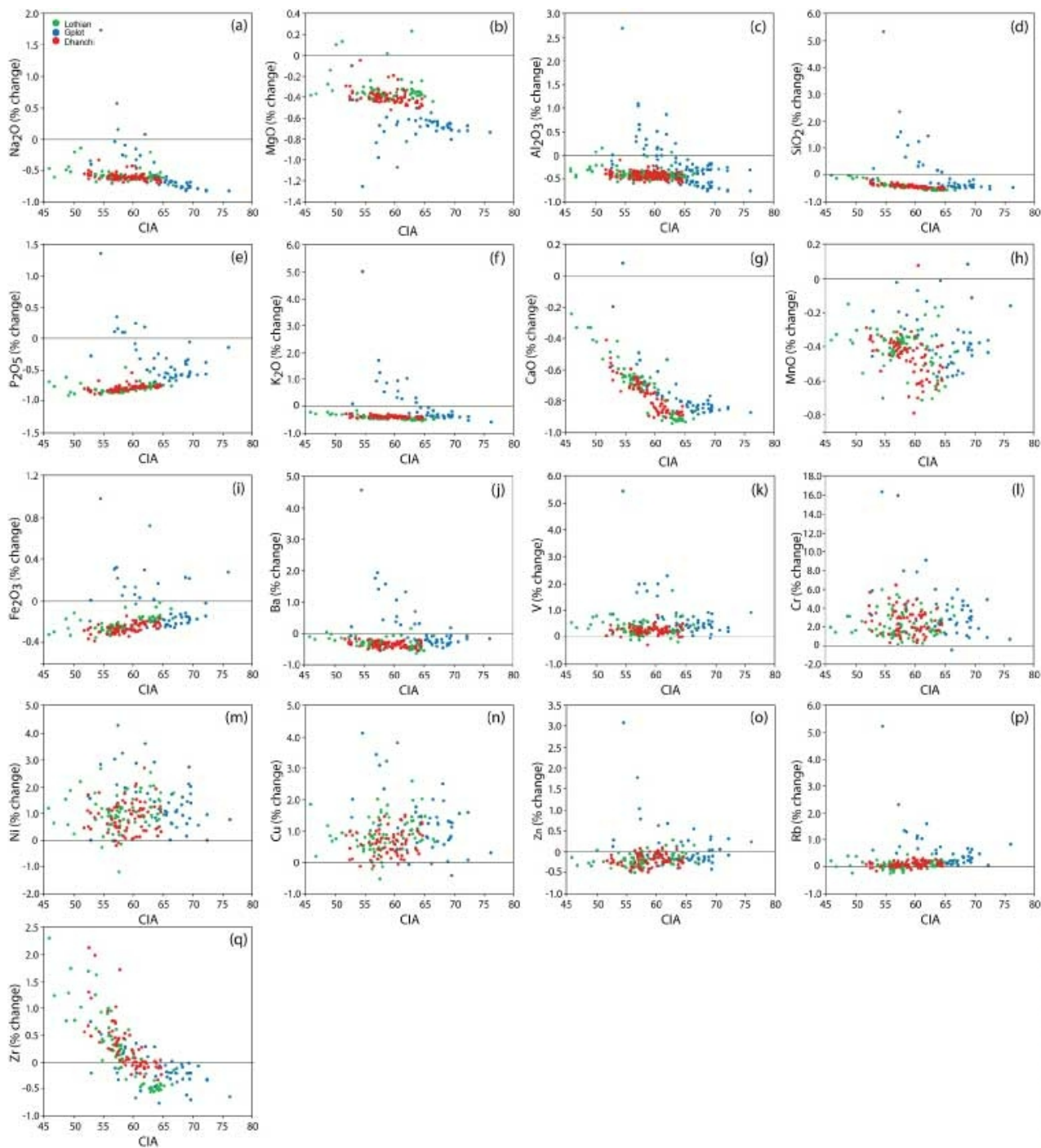
- Lothian
- Gplot
- Dhanchi
- ★ UCC
- + World Sediments
- CS*
- CS**
- FS*
- FS**
- ◇ SS*
- ◇ SS**
- Bhuiyan et al. (2011)
- ▲ Brahmaputra***













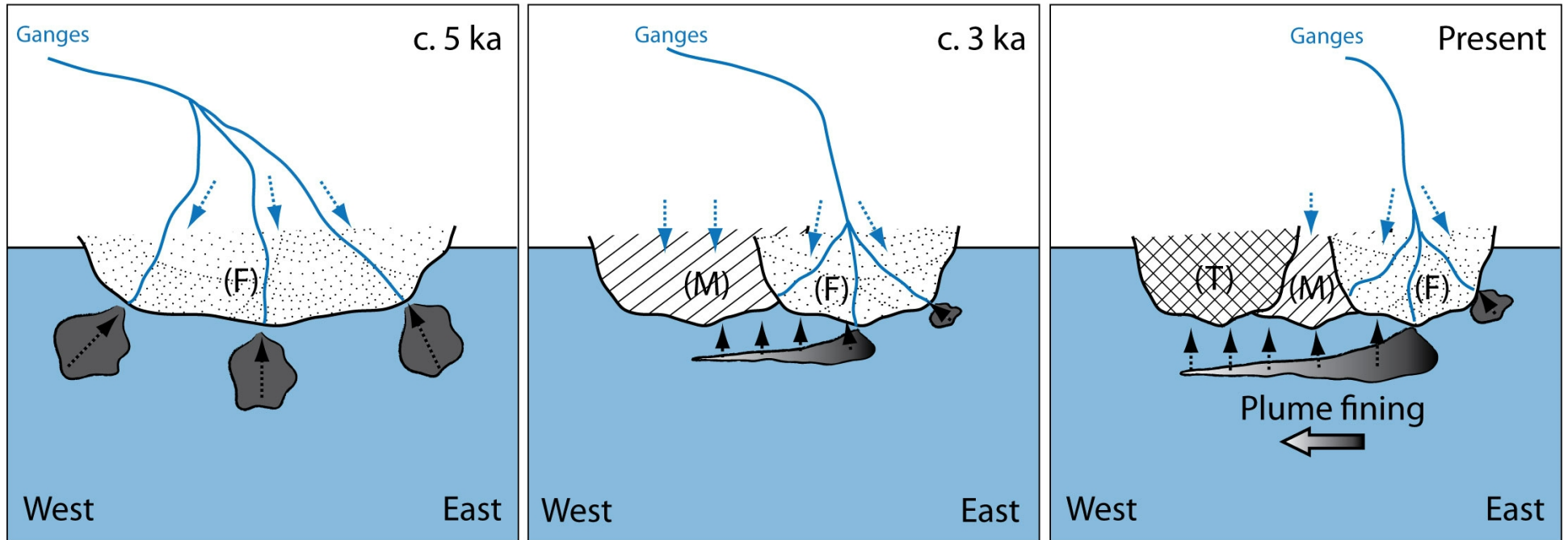




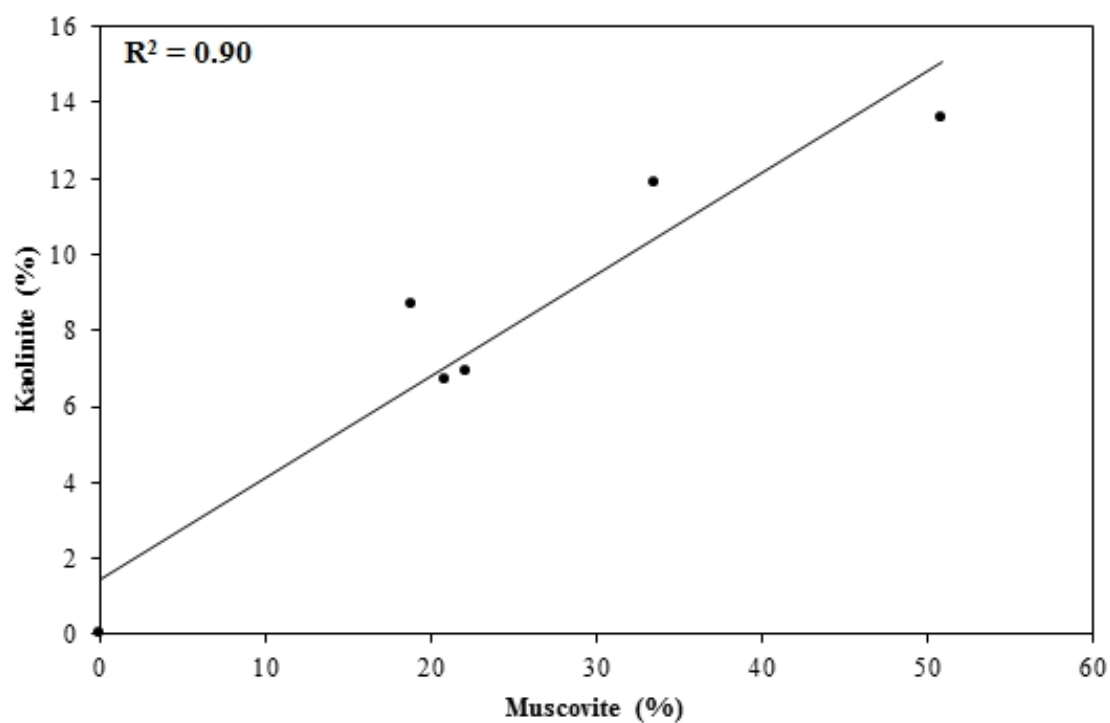
-  Active delta
-  Semi active delta
-  Abandoned delta

-  Sediment plume
-  Fluvial sediment source
-  Re-worked fluvial sediment source

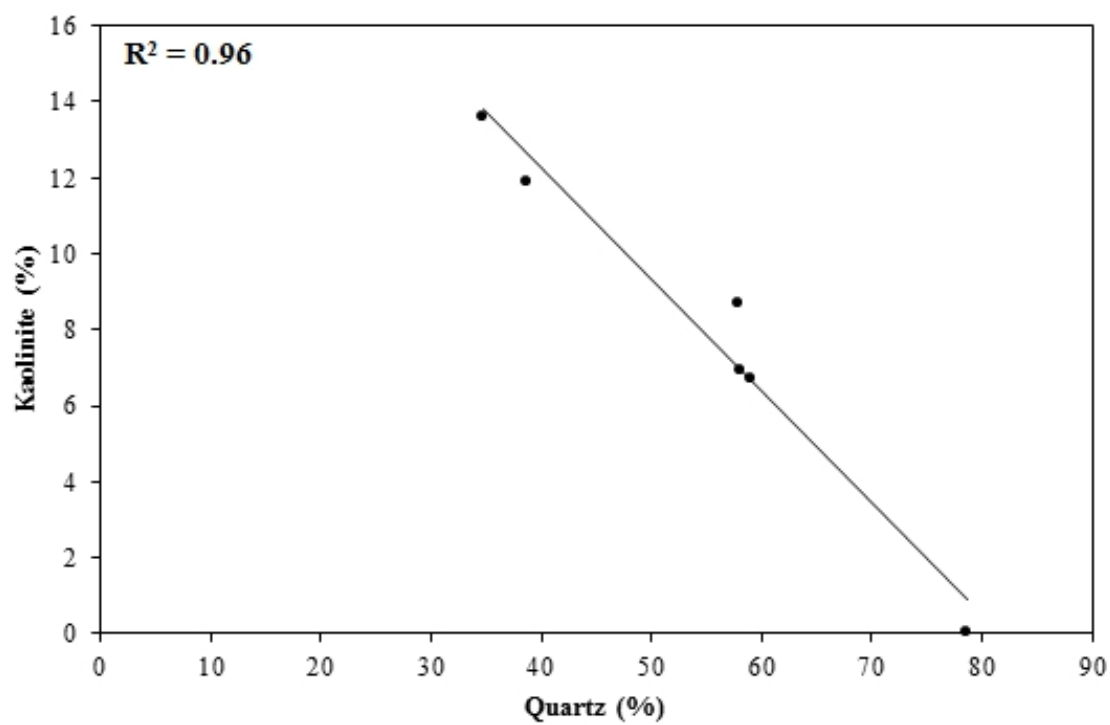
- (F) Fluvial dominant delta
- (M) Mixed fluvio-tidal delta
- (T) Tidal dominant delta

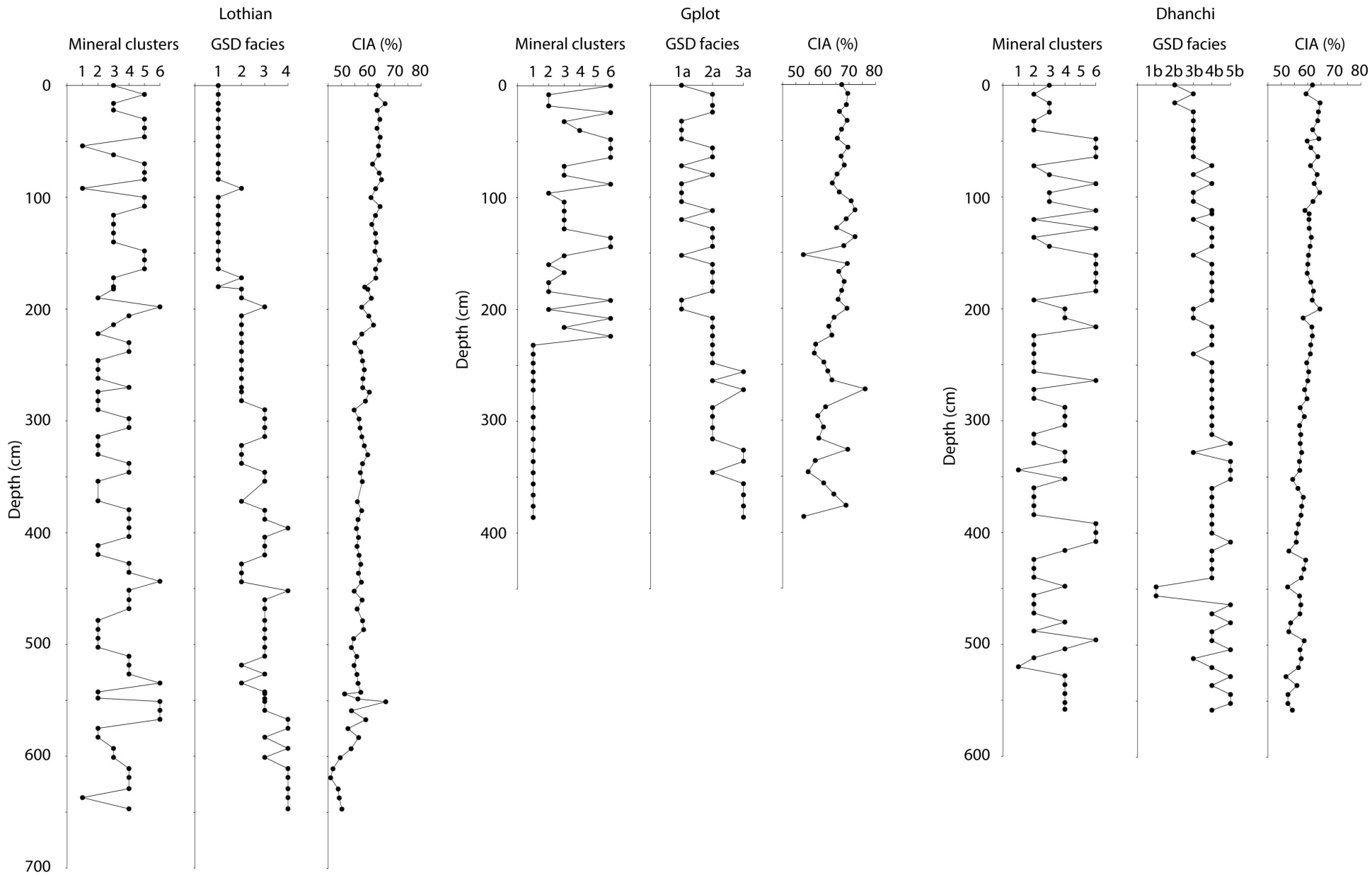


(a)



(b)





Principal component	Initial Eigenvalues			
	Total	% of Variance	Cumulative %	Total
1	17.859	71.436	71.436	17.859
2	3.633	14.531	85.966	3.633
3	1.840	7.360	93.327	1.840
4	0.523	2.090	95.417	0.523

Extraction Sums of Squared Loadings

total	% of Variance	Cumulative %
	71.436	71.436
	14.531	85.966
	7.360	93.327
	2.090	95.417

Principal component	Initial Eigenvalues			
	Total	% of Variance	Cumulative %	Total
1	10.294	85.787	85.787	10.294
2	1.008	8.399	94.186	1.008
3	0.622	5.181	99.367	0.622
4	0.048	0.4	99.767	0.048

Extraction Sums of Squared Loadings

total	% of Variance	Cumulative %
	85.787	85.787
	8.399	94.186
	5.181	99.367
	0.4	99.767

Site	Depth (cm)	Cluster group
Gplot Island	356	1
Dhanchi Island	456	2
Lothian Island	22	3
Dhanchi Island	304	4
Lothian Island	78	5
Dhanchi Island	184	6

Statistic (%)	Cluster 1	Cluster 2	Cluster 3	Cluster 4	Cluster 5
R _p	8.728	5.551	7.126	15.295	9.134
Weighted R _p	12.765	7.631	9.901	24.955	13.055
R _{exp}	4.271	4.038	4.251	4.569	4.418
X ²	8.932	3.571	5.425	29.831	8.731
D-statistic	0.491	0.438	0.594	0.229	0.432
Weighted D-statistic	0.318	0.421	0.375	0.176	0.338

Cluster 6

6.168

9.253

4.043

5.237

0.355

0.342

	Quartz	Muscovite	Albite	Microcline	Clinochlore	Kaolinite	Dickite
Cluster 1	58	18.8	10.4	0	4.2	8.7	0
Cluster 2	34.8	50.9	0	0	0	13.6	0
Cluster 3	58.2	22.1	10.2	0	2.7	6.9	0
Cluster 4	78.6	0	7.7	8.2	0.9	0	4.6
Cluster 5	59	20.9	13	0	0	6.7	0
Cluster 6	38.8	33.6	10.1	0	5.5	11.9	0

Vermiculite
0
0.7
0
0
0.4
0

Cluster	Mineralogical characteristics
Cluster 1	Relatively high quartz, muscovite, albite and clinocllore; moderate kaolinite abundance; absence of vermiculite, dickite, microcline.
Cluster 2	Relatively high muscovite and kaolinite; low quartz and possibly low vermiculite, absent of clinocllore, albite, dickite, microcline.
Cluster 3	Relatively high quartz, muscovite, albite; relatively high clinocllore, kaolinite and absent of vermiculite, dickite, microcline.
Cluster 4	High quartz content; relatively high microcline, and dickite; low albite and clinocllore; absence of muscovite and kaolinite.
Cluster 5	Relatively high quartz, muscovite, and albite content; low kaolinite content; absence of clinocllore, vermiculite, microcline, dickite.
Cluster 6	Relatively high muscovite, kaolinite, clinocllore and albite content; relatively low quartz content; complete absence of vermiculite, dickite, microcline.

Lab Code (XRD)	Sample Code	Depth (in cm)
RF322	LTCS1 - 117	78
RF329	LTCS1 - 24	22
RF336	GPCS3-342	356
RF408	DHCS6 - 456	456
RF427	DHCS4 - 304	304
RF442	DHCS3 - 184	184

No.	Pos. [°2Th. lobs [cts]	lcalc [cts]	lback [cts]	CT [s]	ESD	D spacings
1	3.0003	2313.603	2313.603	2313.603	122.5994	29.42347
2	3.0173	2283.218	2285.62	2285.62	122.5994	29.25773
3	3.0343	2213.511	2257.636	2257.636	122.5994	29.09385
4	3.0513	2301.458	2229.653	2229.653	122.5994	28.9318
5	3.0683	2125.983	2201.669	2201.669	122.5994	28.77154
6	3.0853	2124.616	2173.686	2173.686	122.5994	28.61305
7	3.1023	2030.367	2145.702	2145.702	122.5994	28.45629
8	3.1193	1948.789	2117.719	2117.719	122.5994	28.30124
9	3.1363	1972.899	2089.736	2089.735	122.5994	28.14788
10	3.1533	1966.595	2061.752	2061.752	122.5994	27.99617
11	3.1703	1894.765	2033.769	2033.769	122.5994	27.84608
12	3.1873	1842.451	2005.785	2005.785	122.5994	27.6976
13	3.2043	1846.79	1977.802	1977.802	122.5994	27.55069
14	3.2213	1835.629	1949.818	1949.818	122.5994	27.40534
15	3.2383	1813.03	1921.835	1921.835	122.5994	27.26151
16	3.2553	1783.85	1893.851	1893.851	122.5994	27.11918
17	3.2723	1743.775	1865.868	1865.868	122.5994	26.97833
18	3.2893	1735.116	1837.884	1837.884	122.5994	26.83894
19	3.3063	1778.939	1809.901	1809.901	122.5994	26.70098
20	3.3233	1708.75	1781.917	1781.917	122.5994	26.56443
21	3.3403	1668.125	1753.934	1753.934	122.5994	26.42928
22	3.3573	1669.826	1725.95	1725.95	122.5994	26.29549
23	3.3743	1667.071	1697.967	1697.967	122.5994	26.16305
24	3.3913	1644.165	1669.984	1669.983	122.5994	26.03194
25	3.4083	1643.684	1642	1642	122.5994	25.90213
26	3.4253	1619.767	1632.5	1632.5	122.5994	25.77362
27	3.4423	1652.388	1623	1623	122.5994	25.64637
28	3.4593	1601.68	1613.5	1613.5	122.5994	25.52038
29	3.4763	1558.757	1604	1604	122.5994	25.39561
30	3.4933	1613.149	1594.5	1594.5	122.5994	25.27207
31	3.5103	1578.422	1585	1585	122.5994	25.14971
32	3.5273	1608.369	1575.5	1575.5	122.5994	25.02854
33	3.5443	1590.621	1566	1566	122.5994	24.90853
34	3.5613	1590.752	1556.5	1556.5	122.5994	24.78967
35	3.5783	1553.656	1547	1547	122.5994	24.67194
36	3.5953	1530.75	1537.5	1537.5	122.5994	24.55532
37	3.6123	1486.795	1528	1528	122.5994	24.4398
38	3.6293	1536.482	1518.5	1518.5	122.5994	24.32536
39	3.6463	1501.347	1509	1509	122.5994	24.21198
40	3.6633	1477.044	1499.5	1499.5	122.5994	24.09966
41	3.6803	1454.793	1490	1490	122.5994	23.98838
42	3.6973	1471.862	1480.5	1480.5	122.5994	23.87812
43	3.7143	1440.091	1471	1471	122.5994	23.76887
44	3.7313	1471.692	1461.5	1461.5	122.5994	23.66062
45	3.7483	1445.635	1452	1452	122.5994	23.55335
46	3.7653	1400.203	1442.5	1442.5	122.5994	23.44704
47	3.7823	1473.79	1433	1433	122.5994	23.3417

48	3.7993	1450.853	1423.5	1423.5	122.5994	23.23729
49	3.8163	1384.827	1414	1414	122.5994	23.13382
50	3.8333	1411.316	1407.458	1407.458	122.5994	23.03126
51	3.8503	1370.131	1400.917	1400.917	122.5994	22.92961
52	3.8673	1384.571	1394.375	1394.375	122.5994	22.82886
53	3.8843	1392.164	1387.833	1387.833	122.5994	22.72898
54	3.9013	1395.629	1381.292	1381.292	122.5994	22.62998
55	3.9183	1378.825	1374.75	1374.75	122.5994	22.53184
56	3.9353	1387.188	1368.208	1368.208	122.5994	22.43454
57	3.9523	1367.492	1361.667	1361.667	122.5994	22.33808
58	3.9693	1341.889	1355.125	1355.125	122.5994	22.24245
59	3.9863	1294.27	1348.583	1348.583	122.5994	22.14763
60	4.0033	1325.085	1342.042	1342.042	122.5994	22.05362
61	4.0203	1256.421	1335.5	1335.5	122.5994	21.9604
62	4.0373	1288.405	1328.958	1328.958	122.5994	21.86797
63	4.0543	1322.703	1322.417	1322.417	122.5994	21.77632
64	4.0713	1325.598	1315.875	1315.875	122.5994	21.68543
65	4.0883	1273.717	1309.333	1309.333	122.5994	21.59529
66	4.1053	1307.529	1302.792	1302.792	122.5994	21.50591
67	4.1223	1315.848	1296.25	1296.25	122.5994	21.41726
68	4.1393	1296.838	1289.708	1289.708	122.5994	21.32933
69	4.1563	1249.563	1283.167	1283.167	122.5994	21.24213
70	4.1733	1234.775	1276.625	1276.625	122.5994	21.15564
71	4.1903	1242.369	1270.083	1270.083	122.5994	21.06985
72	4.2073	1266.768	1263.542	1263.542	122.5994	20.98475
73	4.2243	1263.542	1257	1257	122.5994	20.90034
74	4.2413	1261.403	1253.063	1253.063	122.5994	20.81661
75	4.2583	1230.43	1249.125	1249.125	122.5994	20.73354
76	4.2753	1259.599	1245.188	1245.188	122.5994	20.65114
77	4.2923	1262.434	1241.25	1241.25	122.5994	20.56939
78	4.3093	1220.639	1237.313	1237.313	122.5994	20.48828
79	4.3263	1220.531	1233.375	1233.375	122.5994	20.40781
80	4.3433	1215.219	1229.438	1229.438	122.5994	20.32797
81	4.3603	1181.167	1225.5	1225.5	122.5994	20.24875
82	4.3773	1154.486	1221.563	1221.563	122.5994	20.17015
83	4.3943	1154.388	1217.625	1217.625	122.5994	20.09216
84	4.4113	1193.779	1213.688	1213.688	122.5994	20.01477
85	4.4283	1181.829	1209.75	1209.75	122.5994	19.93797
86	4.4453	1210.893	1205.813	1205.813	122.5994	19.86176
87	4.4623	1142.303	1201.875	1201.875	122.5994	19.78613
88	4.4793	1212.688	1197.938	1197.938	122.5994	19.71108
89	4.4963	1218.743	1194	1194	122.5994	19.63659
90	4.5133	1198.956	1190.063	1190.063	122.5994	19.56267
91	4.5303	1158.603	1186.125	1186.125	122.5994	19.48929
92	4.5473	1175.617	1182.188	1182.188	122.5994	19.41647
93	4.5643	1123.383	1178.25	1178.25	122.5994	19.34419
94	4.5813	1169.691	1174.313	1174.313	122.5994	19.27245
95	4.5983	1229.862	1170.375	1170.375	122.5994	19.20124
96	4.6153	1138.691	1166.438	1166.438	122.5994	19.13055

97	4.6323	1201.372	1162.5	1162.5	122.5994	19.06038
98	4.6493	1162.239	1158.563	1158.563	122.5994	18.99073
99	4.6663	1144.452	1154.625	1154.625	122.5994	18.92158
100	4.6833	1059.18	1150.688	1150.688	122.5994	18.85293
101	4.7003	1128.421	1146.75	1146.75	122.5994	18.78479
102	4.7173	1154.617	1142.813	1142.813	122.5994	18.71713
103	4.7343	1119.467	1138.875	1138.875	122.5994	18.64996
104	4.7513	1128.48	1134.938	1134.938	122.5994	18.58327
105	4.7683	1099.082	1131	1131	122.5994	18.51705
106	4.7853	1077.171	1127.063	1127.063	122.5994	18.45131
107	4.8023	1056.112	1123.125	1123.125	122.5994	18.38603
108	4.8193	1107.187	1119.188	1119.188	122.5994	18.32121
109	4.8363	1125.476	1115.25	1115.25	122.5994	18.25685
110	4.8533	1087.241	1111.313	1111.313	122.5994	18.19294
111	4.8703	1096.757	1107.375	1107.375	122.5994	18.12947
112	4.8873	1083.537	1103.438	1103.438	122.5994	18.06645
113	4.9043	1101.042	1099.5	1099.5	122.5994	18.00386
114	4.9213	1103.151	1095.563	1095.563	122.5994	17.94171
115	4.9383	1077.806	1091.625	1091.625	122.5994	17.87998
116	4.9553	1116.537	1087.688	1087.688	122.5994	17.81868
117	4.9723	1136.557	1083.75	1083.75	122.5994	17.7578
118	4.9893	1113.178	1079.813	1079.813	122.5994	17.69733
119	5.0063	1139.316	1075.875	1075.875	122.5994	17.63727
120	5.0233	1083.248	1071.938	1071.938	122.5994	17.57762
121	5.0403	1044.378	1068	1068	122.5994	17.51837
122	5.0573	1061.535	1066.875	1066.875	122.5994	17.45953
123	5.0743	1040.974	1065.75	1065.75	122.5994	17.40107
124	5.0913	1053.3	1064.625	1064.625	122.5994	17.34301
125	5.1083	1022.031	1063.5	1063.5	122.5994	17.28533
126	5.1253	1056.366	1062.375	1062.375	122.5994	17.22803
127	5.1423	1077.759	1061.25	1061.25	122.5994	17.17112
128	5.1593	1095.169	1061.272	1060.125	122.5994	17.11458
129	5.1763	1077.413	1060.755	1059	122.5994	17.05841
130	5.1933	1004.648	1059.686	1057.875	122.5994	17.00261
131	5.2103	1001.039	1058.619	1056.75	122.5994	16.94717
132	5.2273	1041.641	1057.556	1055.625	122.5994	16.89209
133	5.2443	1088.27	1056.495	1054.5	122.5994	16.83737
134	5.2613	1028.39	1055.438	1053.375	122.5994	16.78301
135	5.2783	1034.613	1054.384	1052.25	122.5994	16.72899
136	5.2953	1048.518	1053.334	1051.125	122.5994	16.67532
137	5.3123	1067.838	1052.288	1050	122.5994	16.622
138	5.3293	1056.951	1051.246	1048.875	122.5994	16.56901
139	5.3463	1031.194	1050.209	1047.75	122.5994	16.51637
140	5.3633	1024.049	1049.177	1046.625	122.5994	16.46405
141	5.3803	999.0201	1048.15	1045.5	122.5994	16.41207
142	5.3973	1037.705	1047.128	1044.375	122.5994	16.36041
143	5.4143	1062.42	1046.113	1043.25	122.5994	16.30908
144	5.4313	1053.762	1045.105	1042.125	122.5994	16.25807
145	5.4483	1025.252	1044.104	1041	122.5994	16.20738

146	5.4653	1036.859	1043.495	1040.26	122.5994	16.15701
147	5.4823	1030.526	1042.896	1039.521	122.5994	16.10695
148	5.4993	1001.607	1042.306	1038.781	122.5994	16.05719
149	5.5163	1047.397	1041.725	1038.042	122.5994	16.00775
150	5.5333	1025.061	1041.156	1037.302	122.5994	15.9586
151	5.5503	986.8845	1040.598	1036.563	122.5994	15.90976
152	5.5673	1011.23	1040.053	1035.823	122.5994	15.86122
153	5.5843	1012.953	1039.523	1035.083	122.5994	15.81297
154	5.6013	995.6937	1039.009	1034.344	122.5994	15.76502
155	5.6183	960.0591	1038.511	1033.604	122.5994	15.71735
156	5.6353	998.5501	1038.033	1032.865	122.5994	15.66998
157	5.6523	1007.649	1037.576	1032.125	122.5994	15.62289
158	5.6693	1009.609	1037.142	1031.385	122.5994	15.57608
159	5.6863	983.4449	1036.735	1030.646	122.5994	15.52955
160	5.7033	1006.49	1036.356	1029.906	122.5994	15.4833
161	5.7203	1040.425	1036.011	1029.167	122.5994	15.43732
162	5.7373	1016.135	1035.703	1028.427	122.5994	15.39162
163	5.7543	1007.688	1035.437	1027.688	122.5994	15.34618
164	5.7713	1017.519	1035.221	1026.948	122.5994	15.30102
165	5.7883	1001.191	1035.063	1026.208	122.5994	15.25612
166	5.8053	1009.737	1034.975	1025.469	122.5994	15.21148
167	5.8223	1016.695	1034.971	1024.729	122.5994	15.16711
168	5.8393	992.5143	1035.072	1023.99	122.5994	15.12299
169	5.8563	1042.855	1035.305	1023.25	122.5994	15.07913
170	5.8733	1069.897	1035.511	1022.313	122.5994	15.03552
171	5.8903	1049.943	1035.937	1021.375	122.5994	14.99216
172	5.9073	1060.971	1036.647	1020.438	122.5994	14.94906
173	5.9243	1015.29	1037.728	1019.5	122.5994	14.9062
174	5.9413	1015.203	1039.283	1018.563	122.5994	14.86358
175	5.9583	1043.151	1041.444	1017.625	122.5994	14.82121
176	5.9753	1044.798	1044.361	1016.688	122.5994	14.77909
177	5.9923	1003.147	1048.208	1015.75	122.5994	14.7372
178	6.0093	997.341	1053.168	1014.813	122.5994	14.69554
179	6.0263	1019.662	1059.432	1013.875	122.5994	14.65413
180	6.0433	1057.02	1067.176	1012.938	122.5994	14.61294
181	6.0603	1079.903	1076.549	1012	122.5994	14.57199
182	6.0773	1094.206	1087.646	1011.063	122.5994	14.53126
183	6.0943	1089.576	1100.49	1010.125	122.5994	14.49077
184	6.1113	1088.989	1115.002	1009.188	122.5994	14.4505
185	6.1283	1133.764	1130.974	1008.25	122.5994	14.41045
186	6.1453	1064.202	1148.036	1007.313	122.5994	14.37062
187	6.1623	1102.269	1165.615	1006.375	122.5994	14.33102
188	6.1793	1122.588	1182.897	1005.438	122.5994	14.29163
189	6.1963	1136.594	1198.803	1004.5	122.5994	14.25246
190	6.2133	1161.985	1212.034	1003.563	122.5994	14.2135
191	6.2303	1243.025	1221.217	1002.625	122.5994	14.17475
192	6.2473	1209.507	1225.193	1001.688	122.5994	14.13622
193	6.2643	1202.639	1223.339	1000.75	122.5994	14.0979
194	6.2813	1237.99	1215.777	999.8125	122.5994	14.05978

195	6.2983	1229.56	1203.329	998.875	122.5994	14.02187
196	6.3153	1236.12	1187.254	997.9375	122.5994	13.98416
197	6.3323	1301.07	1168.924	997	122.5994	13.94666
198	6.3493	1275.905	1149.578	996.0625	122.5994	13.90935
199	6.3663	1264.925	1130.213	995.125	122.5994	13.87225
200	6.3833	1131.559	1111.564	994.1875	122.5994	13.83534
201	6.4003	1061.395	1094.139	993.25	122.5994	13.79863
202	6.4173	1058.155	1078.252	992.3125	122.5994	13.76212
203	6.4343	1077.648	1064.069	991.375	122.5994	13.72579
204	6.4513	1049.101	1051.635	990.4375	122.5994	13.68966
205	6.4683	1034.356	1040.903	989.5	122.5994	13.65372
206	6.4853	1038.349	1031.758	988.5625	122.5994	13.61797
207	6.5023	1035.85	1024.04	987.625	122.5994	13.5824
208	6.5193	1029.285	1017.567	986.6875	122.5994	13.54702
209	6.5363	1034.109	1012.151	985.75	122.5994	13.51183
210	6.5533	1053.013	1007.608	984.8125	122.5994	13.47682
211	6.5703	1072.243	1003.773	983.875	122.5994	13.44198
212	6.5873	1031.504	1000.501	982.9375	122.5994	13.40733
213	6.6043	1030.072	997.6693	982	122.5994	13.37286
214	6.6213	1072.655	995.179	981.0625	122.5994	13.33856
215	6.6383	1011.616	992.9521	980.125	122.5994	13.30444
216	6.6553	976.6433	990.9281	979.1875	122.5994	13.2705
217	6.6723	1006.444	989.0615	978.25	122.5994	13.23672
218	6.6893	979.7262	987.1201	977.1146	122.5994	13.20312
219	6.7063	995.7118	985.277	975.9792	122.5994	13.16969
220	6.7233	1038.659	983.5132	974.8438	122.5994	13.13643
221	6.7403	1002.947	981.815	973.7083	122.5994	13.10334
222	6.7573	1005.068	980.1721	972.5729	122.5994	13.07041
223	6.7743	967.4055	978.5763	971.4375	122.5994	13.03765
224	6.7913	959.7409	977.0214	970.3021	122.5994	13.00505
225	6.8083	996.9927	975.5024	969.1667	122.5994	12.97261
226	6.8253	978.4254	974.0151	968.0313	122.5994	12.94034
227	6.8423	952.0361	972.556	966.8958	122.5994	12.90823
228	6.8593	1026.645	971.1221	965.7604	122.5994	12.87627
229	6.8763	1013.643	969.7109	964.625	122.5994	12.84448
230	6.8933	1005.342	968.3203	963.4896	122.5994	12.81284
231	6.9103	998.9032	966.9481	962.3542	122.5994	12.78136
232	6.9273	974.1772	965.5926	961.2188	122.5994	12.75003
233	6.9443	1023.574	964.2524	960.0833	122.5994	12.71886
234	6.9613	973.6803	962.9261	958.9479	122.5994	12.68783
235	6.9783	992.0212	961.6125	957.8125	122.5994	12.65696
236	6.9953	988.1213	960.3105	956.6771	122.5994	12.62624
237	7.0123	1022.997	959.0191	955.5417	122.5994	12.59567
238	7.0293	1008.747	957.7374	954.4063	122.5994	12.56525
239	7.0463	981.439	956.4646	953.2708	122.5994	12.53497
240	7.0633	947.7549	955.2002	952.1354	122.5994	12.50484
241	7.0803	944.5271	953.9432	951	122.5994	12.47485
242	7.0973	951.3794	952.7549	949.9261	122.5994	12.44501
243	7.1143	951.8458	951.5731	948.8522	122.5994	12.41531

244	7.1313	1009.808	950.3973	947.7783	122.5994	12.38575
245	7.1483	995.461	949.227	946.7044	122.5994	12.35633
246	7.1653	957.1665	948.062	945.6305	122.5994	12.32706
247	7.1823	946.5913	946.9017	944.5566	122.5994	12.29792
248	7.1993	964.6036	945.7459	943.4827	122.5994	12.26892
249	7.2163	922.167	944.5944	942.4089	122.5994	12.24005
250	7.2333	952.4363	943.4467	941.335	122.5994	12.21132
251	7.2503	989.8558	942.3027	940.2611	122.5994	12.18273
252	7.2673	961.1946	941.1621	939.1872	122.5994	12.15427
253	7.2843	931.9146	940.0247	938.1133	122.5994	12.12594
254	7.3013	956.2105	938.8903	937.0394	122.5994	12.09774
255	7.3183	988.0584	937.7588	935.9655	122.5994	12.06968
256	7.3353	965.6209	936.6298	934.8916	122.5994	12.04175
257	7.3523	942.8716	934.3882	933.8177	122.5994	12.01394
258	7.3693	951.1862	932.7438	932.7438	122.5994	11.98627
259	7.3863	945.8975	931.6699	931.6699	122.5994	11.95872
260	7.4033	934.6106	930.596	930.596	122.5994	11.93129
261	7.4203	942.3909	929.5222	929.5221	122.5994	11.904
262	7.4373	966.272	928.4482	928.4482	122.5994	11.87683
263	7.4543	942.0262	927.3743	927.3743	122.5994	11.84978
264	7.4713	952.5384	926.3005	926.3005	122.5994	11.82285
265	7.4883	984.2351	925.2266	925.2266	122.5994	11.79605
266	7.5053	996.6685	923.958	923.958	122.5994	11.76937
267	7.5223	994.0144	922.6895	922.6895	122.5994	11.74281
268	7.5393	1011.129	921.4209	921.4209	122.5994	11.71637
269	7.5563	909.199	920.1523	920.1523	122.5994	11.69005
270	7.5733	957.7466	918.8838	918.8838	122.5994	11.66385
271	7.5903	934.7345	917.6152	917.6152	122.5994	11.63776
272	7.6073	944.4913	916.3467	916.3467	122.5994	11.61179
273	7.6243	959.1939	915.0781	915.0781	122.5994	11.58594
274	7.6413	907.6799	913.8096	913.8096	122.5994	11.5602
275	7.6583	868.0772	912.541	912.541	122.5994	11.53458
276	7.6753	924.7963	911.2725	911.2725	122.5994	11.50907
277	7.6923	953.2901	910.0039	910.0039	122.5994	11.48367
278	7.7093	948.8773	908.7354	908.7354	122.5994	11.45839
279	7.7263	942.6213	907.4668	907.4668	122.5994	11.43321
280	7.7433	918.0079	906.1982	906.1982	122.5994	11.40815
281	7.7603	894.9169	909.442	904.9297	122.5994	11.3832
282	7.7773	931.6574	908.3126	903.6611	122.5994	11.35835
283	7.7943	960.5995	909.4829	902.3926	122.5994	11.33362
284	7.8113	950.4519	908.4386	901.124	122.5994	11.30899
285	7.8283	910.7166	907.405	899.8555	122.5994	11.28447
286	7.8453	948.6577	906.3828	898.5869	122.5994	11.26006
287	7.8623	938.4046	905.3727	897.3184	122.5994	11.23575
288	7.8793	887.3274	904.3757	896.0498	122.5994	11.21154
289	7.8963	909.6888	903.3926	894.7813	122.5994	11.18745
290	7.9133	907.925	902.2112	893.2996	122.5994	11.16345
291	7.9303	917.6843	901.0458	891.818	122.5994	11.13956
292	7.9473	864.6715	899.8973	890.3364	122.5994	11.11577

293	7.9643	890.5497	898.767	888.8548	122.5994	11.09208
294	7.9813	925.0441	897.6563	887.3732	122.5994	11.06849
295	7.9983	950.7871	896.5667	885.8916	122.5994	11.045
296	8.0153	931.9323	895.4996	884.41	122.5994	11.02162
297	8.0323	909.833	894.457	882.9284	122.5994	10.99833
298	8.0493	920.2137	893.4408	881.4468	122.5994	10.97514
299	8.0663	934.9584	892.453	879.9652	122.5994	10.95204
300	8.0833	913.7067	891.4961	878.4836	122.5994	10.92905
301	8.1003	936.2131	890.5725	877.002	122.5994	10.90615
302	8.1173	938.8907	889.6852	875.5203	122.5994	10.88335
303	8.1343	909.0393	888.8375	874.0387	122.5994	10.86064
304	8.1513	930.4611	888.0327	872.5571	122.5994	10.83803
305	8.1683	926.4945	887.2748	871.0755	122.5994	10.81551
306	8.1853	942.2431	886.5681	869.5939	122.5994	10.79309
307	8.2023	935.9053	885.9177	868.1123	122.5994	10.77075
308	8.2193	925.4699	885.3289	866.6307	122.5994	10.74852
309	8.2363	911.2998	884.808	865.1491	122.5994	10.72637
310	8.2533	919.5825	884.3619	863.6675	122.5994	10.70431
311	8.2703	926.1869	883.9985	862.1859	122.5994	10.68235
312	8.2873	949.6549	883.7269	860.7043	122.5994	10.66047
313	8.3043	960.9629	883.5575	859.2227	122.5994	10.63869
314	8.3213	979.3532	883.5023	857.741	122.5994	10.61699
315	8.3383	957.76	883.5758	856.2594	122.5994	10.59538
316	8.3553	972.804	883.7952	854.7778	122.5994	10.57386
317	8.3723	974.6576	884.1815	853.2962	122.5994	10.55243
318	8.3893	963.2491	884.7617	851.8146	122.5994	10.53109
319	8.4063	987.3368	885.5695	850.333	122.5994	10.50983
320	8.4233	1008.613	886.6499	848.8514	122.5994	10.48865
321	8.4403	1011.259	888.0626	847.3698	122.5994	10.46757
322	8.4573	960.0909	889.8875	845.8882	122.5994	10.44656
323	8.4743	1079.332	892.2317	844.4066	122.5994	10.42565
324	8.4913	1033.374	895.2391	842.925	122.5994	10.40481
325	8.5083	1005.642	899.0995	841.4434	122.5994	10.38406
326	8.5253	1055.84	904.0613	839.9618	122.5994	10.36339
327	8.5423	1055.992	910.4409	838.4801	122.5994	10.34281
328	8.5593	1037.962	918.6322	836.9985	122.5994	10.3223
329	8.5763	1070.062	929.1125	835.5169	122.5994	10.30188
330	8.5933	1081.395	942.4396	834.0353	122.5994	10.28154
331	8.6103	1076.59	959.2441	832.5537	122.5994	10.26128
332	8.6273	1143.287	980.2025	831.0721	122.5994	10.24109
333	8.6443	1153.144	1006.004	829.5905	122.5994	10.22099
334	8.6613	1174.189	1037.298	828.1089	122.5994	10.20097
335	8.6783	1175.733	1074.632	826.6273	122.5994	10.18102
336	8.6953	1220.486	1118.384	825.1457	122.5994	10.16116
337	8.7123	1179.602	1168.665	823.6641	122.5994	10.14137
338	8.7293	1204.287	1225.031	821.9694	122.5994	10.12166
339	8.7463	1240.366	1287.012	820.2747	122.5994	10.10202
340	8.7633	1258.633	1353.373	818.5801	122.5994	10.08246
341	8.7803	1346.543	1422.175	816.8854	122.5994	10.06298

342	8.7973	1364.126	1490.643	815.1908	122.5994	10.04357
343	8.8143	1409.552	1555.076	813.4961	122.5994	10.02424
344	8.8313	1514.93	1610.919	811.8014	122.5994	10.00498
345	8.8483	1590.652	1653.205	810.1068	122.5994	9.9858
346	8.8653	1630.864	1677.385	808.4121	122.5994	9.96669
347	8.8823	1748.463	1680.461	806.7174	122.5994	9.94765
348	8.8993	1887.646	1661.866	805.0228	122.5994	9.92869
349	8.9163	1965.708	1623.643	803.3281	122.5994	9.90979
350	8.9333	2180.846	1569.792	801.6335	122.5994	9.89097
351	8.9503	2303.464	1505.208	799.9388	122.5994	9.87222
352	8.9673	2160.515	1434.678	798.2441	122.5994	9.85355
353	8.9843	1858.135	1362.291	796.5495	122.5994	9.83494
354	9.0013	1499.866	1291.222	794.8548	122.5994	9.8164
355	9.0183	1182.488	1223.754	793.1602	122.5994	9.79794
356	9.0353	1059.214	1161.423	791.4655	122.5994	9.77954
357	9.0523	999.4232	1105.145	789.7708	122.5994	9.76121
358	9.0693	943.9778	1055.337	788.0762	122.5994	9.74295
359	9.0863	934.5616	1012.029	786.3815	122.5994	9.72476
360	9.1033	918.7612	974.9479	784.6868	122.5994	9.70664
361	9.1203	894.1557	943.6162	782.9922	122.5994	9.68859
362	9.1373	816.7941	917.189	781.0661	122.5994	9.6706
363	9.1543	790.8134	895.2195	779.14	122.5994	9.65268
364	9.1713	807.973	877.0218	777.2139	122.5994	9.63482
365	9.1883	798.0678	861.9408	775.2878	122.5994	9.61704
366	9.2053	814.6452	849.3862	773.3617	122.5994	9.59931
367	9.2223	793.1695	838.8447	771.4355	122.5994	9.58166
368	9.2393	804.7745	829.8863	769.5094	122.5994	9.56407
369	9.2563	796.1834	822.1603	767.5833	122.5994	9.54654
370	9.2733	784.6945	815.3905	765.6572	122.5994	9.52908
371	9.2903	800.2012	809.3623	763.7311	122.5994	9.51168
372	9.3073	778.8174	803.9127	761.805	122.5994	9.49434
373	9.3243	783.9924	798.9197	759.8789	122.5994	9.47707
374	9.3413	789.1959	794.2915	757.9528	122.5994	9.45986
375	9.3583	771.2998	789.9605	756.0267	122.5994	9.44272
376	9.3753	740.5604	785.876	754.1006	122.5994	9.42563
377	9.3923	749.3005	781.9993	752.1745	122.5994	9.40861
378	9.4093	737.4776	778.3008	750.2484	122.5994	9.39165
379	9.4263	759.5378	774.7571	748.3223	122.5994	9.37475
380	9.4433	746.15	771.3492	746.3962	122.5994	9.35791
381	9.4603	750.774	768.0618	744.4701	122.5994	9.34113
382	9.4773	753.9987	764.8817	742.5439	122.5994	9.32441
383	9.4943	772.1973	761.7979	740.6178	122.5994	9.30776
384	9.5113	775.0327	758.8005	738.6917	122.5994	9.29116
385	9.5283	731.8144	755.8813	736.7656	122.5994	9.27462
386	9.5453	726.1905	752.8022	734.6087	122.5994	9.25814
387	9.5623	709.737	749.7876	732.4518	122.5994	9.24172
388	9.5793	743.6203	746.8314	730.2949	122.5994	9.22536
389	9.5963	730.898	743.9286	728.138	122.5994	9.20905
390	9.6133	718.6238	741.0746	725.9811	122.5994	9.19281

391	9.6303	677.4464	738.2653	723.8242	122.5994	9.17662
392	9.6473	681.3329	735.4969	721.6673	122.5994	9.16048
393	9.6643	699.9046	732.7662	719.5104	122.5994	9.14441
394	9.6813	668.9033	730.0701	717.3535	122.5994	9.12839
395	9.6983	672.8911	727.406	715.1966	122.5994	9.11243
396	9.7153	699.6499	724.7714	713.0397	122.5994	9.09652
397	9.7323	726.8878	722.1641	710.8828	122.5994	9.08067
398	9.7493	728.1476	719.5819	708.7259	122.5994	9.06487
399	9.7663	727.3651	717.0233	706.569	122.5994	9.04913
400	9.7833	697.1777	714.4863	704.4121	122.5994	9.03344
401	9.8003	673.9703	711.9695	702.2552	122.5994	9.01781
402	9.8173	705.9135	709.4716	700.0983	122.5994	9.00224
403	9.8343	706.3124	706.9912	697.9414	122.5994	8.98671
404	9.8513	689.8736	704.5271	695.7845	122.5994	8.97124
405	9.8683	697.4026	702.0784	693.6276	122.5994	8.95583
406	9.8853	679.8112	699.6439	691.4707	122.5994	8.94046
407	9.9023	682.2815	697.2227	689.3138	122.5994	8.92515
408	9.9193	674.6188	694.8142	687.1569	122.5994	8.90989
409	9.9363	682.9931	692.4174	685	122.5994	8.89469
410	9.9533	699.0638	691.376	684.1875	122.5994	8.87953
411	9.9703	676.4295	690.345	683.375	122.5994	8.86443
412	9.9873	675.1988	684.8681	682.5625	122.5994	8.84938
413	10.0043	644.9228	683.9867	681.75	122.5994	8.83438
414	10.0213	626.7288	680.9375	680.9375	122.5994	8.81943
415	10.0383	676.0371	680.125	680.125	122.5994	8.80454
416	10.0553	671.5196	679.3125	679.3125	122.5994	8.78969
417	10.0723	685.6832	678.5	678.5	122.5994	8.77489
418	10.0893	676.3019	677.6875	677.6875	122.5994	8.76014
419	10.1063	625.2907	676.875	676.875	122.5994	8.74545
420	10.1233	635.5213	676.0625	676.0625	122.5994	8.7308
421	10.1403	664.4876	675.25	675.25	122.5994	8.7162
422	10.1573	635.0519	674.4375	674.4375	122.5994	8.70165
423	10.1743	635.4553	673.625	673.625	122.5994	8.68715
424	10.1913	643.1793	672.8125	672.8125	122.5994	8.6727
425	10.2083	670.1871	672	672	122.5994	8.65829
426	10.2253	664.9086	671.1875	671.1875	122.5994	8.64394
427	10.2423	657.921	670.375	670.375	122.5994	8.62963
428	10.2593	647.084	669.5625	669.5625	122.5994	8.61537
429	10.2763	661.8675	668.75	668.75	122.5994	8.60115
430	10.2933	687.6234	667.9375	667.9375	122.5994	8.58698
431	10.3103	689.062	667.125	667.125	122.5994	8.57286
432	10.3273	689.8882	666.3125	666.3125	122.5994	8.55879
433	10.3443	695.8905	665.5	665.5	122.5994	8.54476
434	10.3613	666.8723	664.6875	664.6875	122.5994	8.53078
435	10.3783	672.5507	663.875	663.875	122.5994	8.51685
436	10.3953	642.3217	663.0625	663.0625	122.5994	8.50296
437	10.4123	645.7116	662.25	662.25	122.5994	8.48911
438	10.4293	622.0014	661.4375	661.4375	122.5994	8.47531
439	10.4463	614.2736	660.625	660.625	122.5994	8.46156

440	10.4633	635.775	659.8125	659.8125	122.5994	8.44785
441	10.4803	657.7689	659	659	122.5994	8.43418
442	10.4973	643.1222	658.1875	658.1875	122.5994	8.42056
443	10.5143	656.3576	657.375	657.375	122.5994	8.40699
444	10.5313	669.9269	656.5625	656.5625	122.5994	8.39345
445	10.5483	669.6349	655.75	655.75	122.5994	8.37996
446	10.5653	696.367	654.9375	654.9375	122.5994	8.36652
447	10.5823	685.6603	654.125	654.125	122.5994	8.35312
448	10.5993	683.7223	653.3125	653.3125	122.5994	8.33976
449	10.6163	715.5149	652.5	652.5	122.5994	8.32644
450	10.6333	700.8892	651.6875	651.6875	122.5994	8.31317
451	10.6503	686.4528	650.875	650.875	122.5994	8.29994
452	10.6673	671.7738	650.0625	650.0625	122.5994	8.28675
453	10.6843	650.797	649.25	649.25	122.5994	8.2736
454	10.7013	652.7904	648.4375	648.4375	122.5994	8.26049
455	10.7183	643.6016	647.625	647.625	122.5994	8.24743
456	10.7353	640.102	646.8125	646.8125	122.5994	8.23441
457	10.7523	631.9226	646	646	122.5994	8.22143
458	10.7693	663.969	644.9583	644.9583	122.5994	8.20849
459	10.7863	662.0045	643.9167	643.9167	122.5994	8.19559
460	10.8033	656.0085	642.875	642.875	122.5994	8.18273
461	10.8203	669.2007	641.8333	641.8333	122.5994	8.16991
462	10.8373	597.0078	640.7917	640.7917	122.5994	8.15713
463	10.8543	670.9269	639.75	639.75	122.5994	8.1444
464	10.8713	631.7306	638.7083	638.7083	122.5994	8.1317
465	10.8883	639.936	637.6667	637.6667	122.5994	8.11904
466	10.9053	614.9912	636.625	636.625	122.5994	8.10642
467	10.9223	611.305	635.5833	635.5833	122.5994	8.09384
468	10.9393	652.9565	634.5417	634.5417	122.5994	8.0813
469	10.9563	607.2163	633.5	633.5	122.5994	8.0688
470	10.9733	634.1369	632.4583	632.4583	122.5994	8.05634
471	10.9903	627.8566	631.4167	631.4167	122.5994	8.04392
472	11.0073	648.1845	630.375	630.375	122.5994	8.03153
473	11.0243	631.9382	629.3333	629.3333	122.5994	8.01919
474	11.0413	614.1743	628.2917	628.2917	122.5994	8.00688
475	11.0583	610.0664	627.25	627.25	122.5994	7.99461
476	11.0753	605.7849	626.2083	626.2083	122.5994	7.98237
477	11.0923	602.4926	625.1667	625.1667	122.5994	7.97018
478	11.1093	632.168	624.125	624.125	122.5994	7.95802
479	11.1263	605.9066	623.0833	623.0833	122.5994	7.9459
480	11.1433	599.8831	622.0417	622.0417	122.5994	7.93381
481	11.1603	621.562	621	621	122.5994	7.92177
482	11.1773	639.8798	620.7424	620.7424	122.5994	7.90976
483	11.1943	630.0218	620.4847	620.4847	122.5994	7.89778
484	11.2113	626.0623	620.2271	620.2271	122.5994	7.88585
485	11.2283	609.8196	619.9694	619.9694	122.5994	7.87394
486	11.2453	606.1039	619.7117	619.7118	122.5994	7.86208
487	11.2623	617.7153	619.4541	619.4541	122.5994	7.85025
488	11.2793	619.8166	619.1965	619.1965	122.5994	7.83846

489	11.2963	637.6355	618.9388	618.9388	122.5994	7.8267
490	11.3133	639.7072	618.6812	618.6812	122.5994	7.81498
491	11.3303	616.4929	618.4235	618.4235	122.5994	7.80329
492	11.3473	616.371	618.1658	618.1659	122.5994	7.79164
493	11.3643	616.2739	619.8354	617.9082	122.5994	7.78002
494	11.3813	616.093	619.6348	617.6506	122.5994	7.76844
495	11.3983	623.1605	620.407	617.3929	122.5994	7.75689
496	11.4153	638.1275	620.2403	617.1353	122.5994	7.74537
497	11.4323	628.2327	620.0936	616.8776	122.5994	7.73389
498	11.4493	596.1826	619.936	616.62	122.5994	7.72245
499	11.4663	575.3316	619.7831	616.3623	122.5994	7.71104
500	11.4833	607.1345	619.6352	616.1047	122.5994	7.69966
501	11.5003	601.3333	619.4926	615.847	122.5994	7.68832
502	11.5173	614.5902	619.3557	615.5894	122.5994	7.67701
503	11.5343	623.9838	619.2249	615.3317	122.5994	7.66573
504	11.5513	633.2715	619.1005	615.0741	122.5994	7.65449
505	11.5683	656.5375	618.9831	614.8164	122.5994	7.64328
506	11.5853	678.4019	618.6826	614.3683	122.5994	7.6321
507	11.6023	662.8391	618.39	613.9202	122.5994	7.62095
508	11.6193	628.2499	618.1058	613.472	122.5994	7.60984
509	11.6363	682.1306	617.8309	613.0239	122.5994	7.59876
510	11.6533	642.3375	617.5657	612.5758	122.5994	7.58772
511	11.6703	582.4034	617.311	612.1277	122.5994	7.5767
512	11.6873	654.9499	617.0677	611.6796	122.5994	7.56572
513	11.7043	640.3517	616.8367	611.2314	122.5994	7.55477
514	11.7213	653.8093	616.6189	610.7833	122.5994	7.54385
515	11.7383	617.7497	616.4154	610.3352	122.5994	7.53296
516	11.7553	658.852	616.2275	609.8871	122.5994	7.52211
517	11.7723	639.5483	616.0565	609.439	122.5994	7.51128
518	11.7893	631.9602	615.9037	608.9908	122.5994	7.50049
519	11.8063	612.9987	615.7709	608.5427	122.5994	7.48973
520	11.8233	629.1494	615.6599	608.0946	122.5994	7.479
521	11.8403	624.0713	615.5728	607.6465	122.5994	7.4683
522	11.8573	628.5223	615.5117	607.1984	122.5994	7.45763
523	11.8743	651.0944	615.4791	606.7502	122.5994	7.44699
524	11.8913	632.8745	615.4781	606.3021	122.5994	7.43638
525	11.9083	662.3885	615.5118	605.854	122.5994	7.4258
526	11.9253	629.7252	615.5839	605.4059	122.5994	7.41525
527	11.9423	629.3215	615.6989	604.9578	122.5994	7.40474
528	11.9593	675.9431	615.8615	604.5096	122.5994	7.39425
529	11.9763	661.9076	616.0779	604.0615	122.5994	7.38379
530	11.9933	647.6079	616.3553	603.6134	122.5994	7.37336
531	12.0103	647.4032	616.7025	603.1653	122.5994	7.36297
532	12.0273	652.6057	617.1307	602.7172	122.5994	7.3526
533	12.0443	655.6738	617.6542	602.269	122.5994	7.34226
534	12.0613	669.1201	618.2918	601.8209	122.5994	7.33195
535	12.0783	655.3722	619.0681	601.3728	122.5994	7.32166
536	12.0953	644.9471	620.0157	600.9247	122.5994	7.31141
537	12.1123	643.1548	621.1777	600.4766	122.5994	7.30119

538	12.1293	682.0273	622.6109	600.0284	122.5994	7.29099
539	12.1463	683.3974	624.3892	599.5803	122.5994	7.28083
540	12.1633	653.4201	626.6068	599.1322	122.5994	7.27069
541	12.1803	707.1342	629.3828	598.6841	122.5994	7.26058
542	12.1973	700.8952	632.8625	598.236	122.5994	7.2505
543	12.2143	703.9683	637.2212	597.7878	122.5994	7.24045
544	12.2313	759.3715	642.6611	597.3397	122.5994	7.23042
545	12.2483	782.32	649.4092	596.8916	122.5994	7.22042
546	12.2653	755.8966	657.7101	596.4435	122.5994	7.21045
547	12.2823	741.2278	667.8137	595.9954	122.5994	7.20051
548	12.2993	744.0046	679.9617	595.5472	122.5994	7.1906
549	12.3163	715.4623	694.3647	595.0991	122.5994	7.18071
550	12.3333	783.4001	711.1808	594.651	122.5994	7.17085
551	12.3503	745.4189	730.4884	594.2029	122.5994	7.16102
552	12.3673	796.146	752.2563	593.7548	122.5994	7.15121
553	12.3843	806.5751	776.3177	593.3066	122.5994	7.14144
554	12.4013	847.931	802.1357	592.6681	122.5994	7.13168
555	12.4183	896.2281	829.3392	592.0295	122.5994	7.12196
556	12.4353	855.4248	857.1034	591.3909	122.5994	7.11226
557	12.4523	863.8938	884.2974	590.7523	122.5994	7.10259
558	12.4693	870.1753	909.4783	590.1137	122.5994	7.09294
559	12.4863	911.8593	930.9424	589.4751	122.5994	7.08333
560	12.5033	888.5525	946.9113	588.8365	122.5994	7.07373
561	12.5203	909.34	955.8327	588.1979	122.5994	7.06417
562	12.5373	976.0715	956.7302	587.5593	122.5994	7.05463
563	12.5543	1016.006	949.4553	586.9207	122.5994	7.04511
564	12.5713	1065.014	934.72	586.2821	122.5994	7.03562
565	12.5883	1080.595	913.9006	585.6436	122.5994	7.02616
566	12.6053	1060.214	888.7131	585.005	122.5994	7.01672
567	12.6223	992.5039	860.891	584.3664	122.5994	7.00731
568	12.6393	882.7292	831.9754	583.7278	122.5994	6.99792
569	12.6563	781.0295	803.2117	583.0892	122.5994	6.98856
570	12.6733	735.1587	775.5367	582.4506	122.5994	6.97923
571	12.6903	690.5913	749.611	581.812	122.5994	6.96991
572	12.7073	690.3286	725.8572	581.1734	122.5994	6.96063
573	12.7243	658.9258	704.5114	580.5348	122.5994	6.95137
574	12.7413	650.3139	685.6545	579.8962	122.5994	6.94213
575	12.7583	631.326	669.2473	579.2576	122.5994	6.93292
576	12.7753	626.2523	655.1608	578.6191	122.5994	6.92373
577	12.7923	645.1721	643.2005	577.9805	122.5994	6.91457
578	12.8093	634.7008	632.901	577.1063	122.5994	6.90543
579	12.8263	613.5408	624.2498	576.2321	122.5994	6.89631
580	12.8433	605.1713	616.9993	575.3579	122.5994	6.88722
581	12.8603	584.2957	610.9155	574.4837	122.5994	6.87816
582	12.8773	571.279	605.7858	573.6095	122.5994	6.86912
583	12.8943	619.7733	601.4252	572.7354	122.5994	6.8601
584	12.9113	614.7811	597.6771	571.8612	122.5994	6.8511
585	12.9283	575.3919	594.4126	570.987	122.5994	6.84213
586	12.9453	574.0326	591.5282	570.1128	122.5994	6.83319

587	12.9623	561.5252	588.9422	569.2386	122.5994	6.82426
588	12.9793	585.5969	586.5918	568.3644	122.5994	6.81536
589	12.9963	576.8464	584.4286	567.4902	122.5994	6.80649
590	13.0133	564.8654	582.4163	566.616	122.5994	6.79763
591	13.0303	540.4444	580.5273	565.7419	122.5994	6.7888
592	13.0473	566.1133	578.7407	564.8677	122.5994	6.78
593	13.0643	580.7876	577.0403	563.9935	122.5994	6.77121
594	13.0813	595.5789	575.4142	563.1193	122.5994	6.76245
595	13.0983	588.8553	573.8522	562.2451	122.5994	6.75371
596	13.1153	577.8845	572.3467	561.3709	122.5994	6.74499
597	13.1323	526.0037	570.8913	560.4967	122.5994	6.7363
598	13.1493	546.5397	569.4805	559.6226	122.5994	6.72763
599	13.1663	560.4105	568.1097	558.7484	122.5994	6.71898
600	13.1833	565.9197	566.7752	557.8742	122.5994	6.71036
601	13.2003	549.2738	565.4733	557	122.5994	6.70175
602	13.2173	560.6976	564.6171	556.5417	122.5994	6.69317
603	13.2343	548.2374	563.7877	556.0833	122.5994	6.68461
604	13.2513	529.4866	562.9832	555.625	122.5994	6.67607
605	13.2683	552.1322	562.2012	555.1667	122.5994	6.66756
606	13.2853	556.5649	561.4398	554.7083	122.5994	6.65907
607	13.3023	533.9499	560.6973	554.25	122.5994	6.65059
608	13.3193	546.9576	559.9724	553.7917	122.5994	6.64214
609	13.3363	606.1368	559.2633	553.3333	122.5994	6.63371
610	13.3533	561.6683	558.5692	552.875	122.5994	6.62531
611	13.3703	555.338	557.8887	552.4167	122.5994	6.61692
612	13.3873	518.9245	557.2208	551.9583	122.5994	6.60856
613	13.4043	568.8314	556.5646	551.5	122.5994	6.60021
614	13.4213	576.3019	555.9193	551.0417	122.5994	6.59189
615	13.4383	556.9704	555.2841	550.5833	122.5994	6.58359
616	13.4553	562.4833	554.6583	550.125	122.5994	6.57531
617	13.4723	578.3823	554.0411	549.6667	122.5994	6.56705
618	13.4893	559.5895	553.4321	549.2083	122.5994	6.55881
619	13.5063	538.6896	552.8307	548.75	122.5994	6.5506
620	13.5233	555.7114	552.2365	548.2917	122.5994	6.5424
621	13.5403	557.4396	551.6488	547.8333	122.5994	6.53423
622	13.5573	565.1677	551.0674	547.375	122.5994	6.52607
623	13.5743	539.6915	550.4918	546.9167	122.5994	6.51793
624	13.5913	549.3953	549.9216	546.4583	122.5994	6.50982
625	13.6083	538.2501	549.3411	546	122.5994	6.50173
626	13.6253	550.8433	549.0574	545.8177	122.5994	6.49365
627	13.6423	553.2192	548.7783	545.6354	122.5994	6.4856
628	13.6593	533.7157	548.5034	545.4531	122.5994	6.47757
629	13.6763	538.4862	548.2325	545.2708	122.5994	6.46955
630	13.6933	552.5874	546.0761	545.0885	122.5994	6.46156
631	13.7103	562.2345	545.8655	544.9063	122.5994	6.45358
632	13.7273	536.9169	544.7239	544.724	122.5994	6.44563
633	13.7443	551.622	544.5417	544.5417	122.5994	6.4377
634	13.7613	567.141	544.3594	544.3594	122.5994	6.42978
635	13.7783	558.6349	544.1771	544.1771	122.5994	6.42189

636	13.7953	553.8484	543.9948	543.9948	122.5994	6.41401
637	13.8123	561.9716	543.8125	543.8125	122.5994	6.40615
638	13.8293	559.7266	543.6302	543.6302	122.5994	6.39832
639	13.8463	570.8199	543.4479	543.4479	122.5994	6.3905
640	13.8633	568.8511	543.2656	543.2656	122.5994	6.3827
641	13.8803	566.4181	543.0833	543.0833	122.5994	6.37492
642	13.8973	574.0215	542.9011	542.901	122.5994	6.36716
643	13.9143	603.742	542.7188	542.7188	122.5994	6.35942
644	13.9313	565.7056	542.5364	542.5365	122.5994	6.3517
645	13.9483	577.3976	542.3542	542.3542	122.5994	6.344
646	13.9653	580.8209	542.1719	542.1719	122.5994	6.33631
647	13.9823	585.1321	541.9896	541.9896	122.5994	6.32865
648	13.9993	563.5922	541.8073	541.8073	122.5994	6.321
649	14.0163	561.7005	541.625	541.625	122.5994	6.31337
650	14.0333	543.5443	541.4427	541.4427	122.5994	6.30576
651	14.0503	529.2105	541.2604	541.2604	122.5994	6.29817
652	14.0673	538.3851	541.0781	541.0781	122.5994	6.2906
653	14.0843	561.8364	540.8958	540.8958	122.5994	6.28304
654	14.1013	565.0365	540.7136	540.7135	122.5994	6.27551
655	14.1183	537.8876	540.5313	540.5313	122.5994	6.26799
656	14.1353	534.0513	540.3489	540.349	122.5994	6.26049
657	14.1523	538.2501	540.1667	540.1667	122.5994	6.25301
658	14.1693	540.7683	539.9844	539.9844	122.5994	6.24554
659	14.1863	552.561	539.8021	539.8021	122.5994	6.2381
660	14.2033	533.1772	539.6198	539.6198	122.5994	6.23067
661	14.2203	552.2287	539.4375	539.4375	122.5994	6.22326
662	14.2373	541.0388	539.2552	539.2552	122.5994	6.21587
663	14.2543	508.4102	539.0729	539.0729	122.5994	6.20849
664	14.2713	525.3428	538.8906	538.8906	122.5994	6.20113
665	14.2883	532.7113	538.7083	538.7083	122.5994	6.19379
666	14.3053	555.895	538.5261	538.526	122.5994	6.18647
667	14.3223	524.4559	538.3438	538.3438	122.5994	6.17917
668	14.3393	547.3063	538.1614	538.1615	122.5994	6.17188
669	14.3563	533.0931	537.9792	537.9792	122.5994	6.16461
670	14.3733	539.1237	537.7969	537.7969	122.5994	6.15736
671	14.3903	557.7423	537.6146	537.6146	122.5994	6.15012
672	14.4073	546.1319	537.4323	537.4323	122.5994	6.1429
673	14.4243	553.3822	537.25	537.25	122.5994	6.1357
674	14.4413	548.7032	536.8646	536.8646	122.5994	6.12851
675	14.4583	517.5678	536.4792	536.4792	122.5994	6.12135
676	14.4753	520.3184	536.0938	536.0938	122.5994	6.1142
677	14.4923	528.9796	535.7083	535.7083	122.5994	6.10706
678	14.5093	555.6366	535.3229	535.3229	122.5994	6.09995
679	14.5263	551.0829	534.9375	534.9375	122.5994	6.09284
680	14.5433	539.2459	534.5521	534.5521	122.5994	6.08576
681	14.5603	545.8473	534.1667	534.1667	122.5994	6.07869
682	14.5773	529.4799	533.7813	533.7813	122.5994	6.07164
683	14.5943	504.6193	533.3958	533.3958	122.5994	6.06461
684	14.6113	503.5321	533.0104	533.0104	122.5994	6.05759

685	14.6283	542.6264	532.625	532.625	122.5994	6.05059
686	14.6453	529.5204	532.2396	532.2396	122.5994	6.0436
687	14.6623	516.3909	531.8542	531.8542	122.5994	6.03664
688	14.6793	518.8564	531.4688	531.4688	122.5994	6.02968
689	14.6963	505.2984	531.0833	531.0833	122.5994	6.02275
690	14.7133	531.855	530.6979	530.6979	122.5994	6.01583
691	14.7303	496.0814	530.3125	530.3125	122.5994	6.00892
692	14.7473	515.6639	529.9271	529.9271	122.5994	6.00203
693	14.7643	532.0949	529.5417	529.5417	122.5994	5.99516
694	14.7813	521.0783	529.1563	529.1563	122.5994	5.9883
695	14.7983	490.5185	528.7708	528.7708	122.5994	5.98146
696	14.8153	544.8371	528.3854	528.3854	122.5994	5.97464
697	14.8323	529.4678	528	528	122.5994	5.96783
698	14.8493	533.5749	527.5833	527.5833	122.5994	5.96103
699	14.8663	529.0946	527.1667	527.1667	122.5994	5.95425
700	14.8833	535.2789	526.75	526.75	122.5994	5.94749
701	14.9003	576.3061	526.3333	526.3333	122.5994	5.94074
702	14.9173	575.7649	525.9167	525.9167	122.5994	5.93401
703	14.9343	517.9323	525.5	525.5	122.5994	5.9273
704	14.9513	504.0463	525.0833	525.0833	122.5994	5.92059
705	14.9683	523.9377	524.6667	524.6667	122.5994	5.91391
706	14.9853	539.8009	524.25	524.25	122.5994	5.90724
707	15.0023	508.7183	523.8333	523.8333	122.5994	5.90058
708	15.0193	540.2261	523.4167	523.4167	122.5994	5.89394
709	15.0363	559.8763	523	523	122.5994	5.88732
710	15.0533	583.2314	522.5833	522.5833	122.5994	5.88071
711	15.0703	529.8116	522.1667	522.1667	122.5994	5.87411
712	15.0873	517.1429	521.75	521.75	122.5994	5.86753
713	15.1043	512.188	521.3333	521.3333	122.5994	5.86096
714	15.1213	510.6843	520.9167	520.9167	122.5994	5.85441
715	15.1383	525.2256	520.5	520.5	122.5994	5.84788
716	15.1553	575.6564	520.0833	520.0833	122.5994	5.84136
717	15.1723	563.6948	519.6667	519.6667	122.5994	5.83485
718	15.1893	522.4675	519.25	519.25	122.5994	5.82836
719	15.2063	532.2572	518.8333	518.8333	122.5994	5.82188
720	15.2233	547.5702	518.4167	518.4167	122.5994	5.81542
721	15.2403	518.4835	518	518	122.5994	5.80897
722	15.2573	495.2427	517.8646	517.8646	122.5994	5.80253
723	15.2743	509.0047	517.7292	517.7292	122.5994	5.79611
724	15.2913	522.9264	517.5938	517.5938	122.5994	5.78971
725	15.3083	521.0583	517.4583	517.4583	122.5994	5.78332
726	15.3253	540.2727	517.3229	517.3229	122.5994	5.77694
727	15.3423	545.3483	517.1875	517.1875	122.5994	5.77058
728	15.3593	511.9163	517.0521	517.0521	122.5994	5.76423
729	15.3763	506.2414	516.9167	516.9167	122.5994	5.75789
730	15.3933	516.9929	516.7813	516.7813	122.5994	5.75157
731	15.4103	539.4142	516.6458	516.6458	122.5994	5.74527
732	15.4273	527.379	516.5104	516.5104	122.5994	5.73897
733	15.4443	523.2769	516.375	516.375	122.5994	5.73269

734	15.4613	545.8659	516.2396	516.2396	122.5994	5.72643
735	15.4783	515.7847	516.1042	516.1042	122.5994	5.72018
736	15.4953	521.0505	515.9688	515.9688	122.5994	5.71394
737	15.5123	509.2087	515.8333	515.8333	122.5994	5.70772
738	15.5293	494.7604	515.6979	515.6979	122.5994	5.70151
739	15.5463	512.5835	515.5625	515.5625	122.5994	5.69531
740	15.5633	511.1908	515.4271	515.4271	122.5994	5.68913
741	15.5803	540.3948	515.2917	515.2917	122.5994	5.68296
742	15.5973	547.3067	515.1563	515.1563	122.5994	5.6768
743	15.6143	556.6104	515.0208	515.0208	122.5994	5.67066
744	15.6313	459.2979	514.8854	514.8854	122.5994	5.66453
745	15.6483	528.9425	514.75	514.75	122.5994	5.65842
746	15.6653	525.2445	514.6146	514.6146	122.5994	5.65231
747	15.6823	551.5436	514.4792	514.4792	122.5994	5.64622
748	15.6993	536.8827	514.3438	514.3438	122.5994	5.64015
749	15.7163	519.8497	514.2083	514.2083	122.5994	5.63409
750	15.7333	522.5167	514.0729	514.0729	122.5994	5.62804
751	15.7503	534.7904	513.9375	513.9375	122.5994	5.622
752	15.7673	484.709	513.8021	513.8021	122.5994	5.61598
753	15.7843	499.9264	513.6667	513.6667	122.5994	5.60997
754	15.8013	550.3716	513.5313	513.5313	122.5994	5.60397
755	15.8183	537.7228	513.3958	513.3958	122.5994	5.59798
756	15.8353	518.7359	513.2604	513.2604	122.5994	5.59201
757	15.8523	512.892	513.125	513.125	122.5994	5.58605
758	15.8693	530.4758	512.9896	512.9896	122.5994	5.58011
759	15.8863	571.4793	512.8542	512.8542	122.5994	5.57418
760	15.9033	519.9967	512.7188	512.7188	122.5994	5.56826
761	15.9203	521.1909	512.5833	512.5833	122.5994	5.56235
762	15.9373	543.0914	512.4479	512.4479	122.5994	5.55645
763	15.9543	521.6568	512.3125	512.3125	122.5994	5.55057
764	15.9713	524.3898	512.1771	512.1771	122.5994	5.5447
765	15.9883	518.4351	512.0417	512.0417	122.5994	5.53884
766	16.0053	510.7403	511.9063	511.9063	122.5994	5.533
767	16.0223	502.1419	511.7708	511.7708	122.5994	5.52717
768	16.0393	515.685	511.6354	511.6354	122.5994	5.52135
769	16.0563	528.5988	511.5	511.5	122.5994	5.51554
770	16.0733	532.4364	511.2292	511.2292	122.5994	5.50974
771	16.0903	529.7575	510.9583	510.9583	122.5994	5.50396
772	16.1073	527.9605	510.6875	510.6875	122.5994	5.49819
773	16.1243	519.6689	510.4167	510.4167	122.5994	5.49243
774	16.1413	480.1071	510.1458	510.1458	122.5994	5.48668
775	16.1583	488.0832	509.875	509.875	122.5994	5.48095
776	16.1753	504.8008	509.6042	509.6042	122.5994	5.47523
777	16.1923	506.2595	509.3333	509.3333	122.5994	5.46952
778	16.2093	535.8666	509.0625	509.0625	122.5994	5.46382
779	16.2263	547.5702	508.7917	508.7917	122.5994	5.45813
780	16.2433	558.3257	508.5208	508.5208	122.5994	5.45246
781	16.2603	525.3825	508.25	508.25	122.5994	5.4468
782	16.2773	504.4181	507.9792	507.9792	122.5994	5.44115

783	16.2943	512.9423	507.7083	507.7083	122.5994	5.43551
784	16.3113	511.4027	507.4375	507.4375	122.5994	5.42988
785	16.3283	499.0676	507.1667	507.1667	122.5994	5.42427
786	16.3453	493.3376	506.8958	506.8958	122.5994	5.41866
787	16.3623	521.6351	506.625	506.625	122.5994	5.41307
788	16.3793	494.9541	506.3542	506.3542	122.5994	5.40749
789	16.3963	522.9948	506.0833	506.0833	122.5994	5.40192
790	16.4133	472.1081	505.8125	505.8125	122.5994	5.39637
791	16.4303	506.1823	505.5417	505.5417	122.5994	5.39082
792	16.4473	501.9439	505.2708	505.2708	122.5994	5.38529
793	16.4643	510.4012	505	505	122.5994	5.37977
794	16.4813	502.3315	505.25	505.25	122.5994	5.37426
795	16.4983	509.9561	505.5	505.5	122.5994	5.36876
796	16.5153	508.0869	505.75	505.75	122.5994	5.36327
797	16.5323	549.6238	506	506	122.5994	5.35779
798	16.5493	472.4621	506.25	506.25	122.5994	5.35233
799	16.5663	505.4961	506.5	506.5	122.5994	5.34687
800	16.5833	515.0728	506.75	506.75	122.5994	5.34143
801	16.6003	562.1655	507	507	122.5994	5.336
802	16.6173	522.6218	507.25	507.25	122.5994	5.33058
803	16.6343	499.4855	507.5	507.5	122.5994	5.32517
804	16.6513	500.3439	507.75	507.75	122.5994	5.31977
805	16.6683	514.4417	508	508	122.5994	5.31438
806	16.6853	509.0321	509.5799	508.25	122.5994	5.309
807	16.7023	527.5067	509.871	508.5	122.5994	5.30364
808	16.7193	533.62	510.1639	508.75	122.5994	5.29828
809	16.7363	526.5642	511.1281	509	122.5994	5.29294
810	16.7533	515.2996	511.4461	509.25	122.5994	5.28761
811	16.7703	527.1182	511.7674	509.5	122.5994	5.28229
812	16.7873	526.4215	512.0922	509.75	122.5994	5.27698
813	16.8043	508.3264	512.4208	510	122.5994	5.27168
814	16.8213	497.5849	512.7533	510.25	122.5994	5.26639
815	16.8383	502.4392	513.0901	510.5	122.5994	5.26111
816	16.8553	510.163	513.4315	510.75	122.5994	5.25584
817	16.8723	509.3097	513.7778	511	122.5994	5.25058
818	16.8893	515.2996	514.0042	511.125	122.5994	5.24534
819	16.9063	526.2985	514.2364	511.25	122.5994	5.2401
820	16.9233	502.7116	514.4745	511.375	122.5994	5.23487
821	16.9403	512.9589	514.7192	511.5	122.5994	5.22966
822	16.9573	510.899	514.9708	511.625	122.5994	5.22445
823	16.9743	523.6312	515.23	511.75	122.5994	5.21926
824	16.9913	533.62	515.4974	511.875	122.5994	5.21408
825	17.0083	533.62	515.7737	512	122.5994	5.2089
826	17.0253	544.0337	516.0595	512.125	122.5994	5.20374
827	17.0423	533.234	516.3557	512.25	122.5994	5.19859
828	17.0593	510.9473	516.6632	512.375	122.5994	5.19345
829	17.0763	509.9373	516.983	512.5	122.5994	5.18831
830	17.0933	533.7711	517.3162	512.625	122.5994	5.18319
831	17.1103	530.3169	517.6641	512.75	122.5994	5.17808

832	17.1273	528.9493	518.028	512.875	122.5994	5.17298
833	17.1443	541.532	518.4095	513	122.5994	5.16789
834	17.1613	555.8875	518.8104	513.125	122.5994	5.16281
835	17.1783	471.5795	519.2327	513.25	122.5994	5.15774
836	17.1953	567.6737	519.6785	513.375	122.5994	5.15268
837	17.2123	498.2128	520.1505	513.5	122.5994	5.14762
838	17.2293	524.3782	520.6516	513.625	122.5994	5.14258
839	17.2463	518.6173	521.1851	513.75	122.5994	5.13755
840	17.2633	483.4085	521.7552	513.875	122.5994	5.13253
841	17.2803	548.539	522.3667	514	122.5994	5.12752
842	17.2973	502.6265	523.3641	514.4635	122.5994	5.12252
843	17.3143	510.711	524.4163	514.9271	122.5994	5.11753
844	17.3313	513.2902	525.5328	515.3906	122.5994	5.11255
845	17.3483	527.5468	526.7261	515.8542	122.5994	5.10758
846	17.3653	515.7622	528.0125	516.3177	122.5994	5.10261
847	17.3823	503.7301	529.4141	516.7813	122.5994	5.09766
848	17.3993	530.0441	530.9605	517.2448	122.5994	5.09272
849	17.4163	535.8394	532.6909	517.7083	122.5994	5.08779
850	17.4333	539.1875	534.658	518.1719	122.5994	5.08286
851	17.4503	526.3643	536.9294	518.6354	122.5994	5.07795
852	17.4673	528.4529	539.592	519.099	122.5994	5.07305
853	17.4843	533.8597	542.7546	519.5625	122.5994	5.06815
854	17.5013	509.4545	546.5486	520.026	122.5994	5.06327
855	17.5183	520.3798	551.129	520.4896	122.5994	5.05839
856	17.5353	547.64	556.6712	520.9531	122.5994	5.05353
857	17.5523	566.0852	563.3657	521.4167	122.5994	5.04867
858	17.5693	552.2603	571.4086	521.8802	122.5994	5.04382
859	17.5863	550.0983	580.9873	522.3438	122.5994	5.03899
860	17.6033	543.0731	592.2676	522.8073	122.5994	5.03416
861	17.6203	559.6413	605.3676	523.2708	122.5994	5.02934
862	17.6373	563.3487	620.3387	523.7344	122.5994	5.02453
863	17.6543	576.3924	637.139	524.1979	122.5994	5.01973
864	17.6713	589.2086	655.6047	524.6615	122.5994	5.01494
865	17.6883	583.671	675.4174	525.125	122.5994	5.01016
866	17.7053	603.6326	696.0661	525.5885	122.5994	5.00539
867	17.7223	624.5298	716.8091	526.0521	122.5994	5.00062
868	17.7393	629.9496	736.6553	526.5156	122.5994	4.99587
869	17.7563	657.607	754.3659	526.9792	122.5994	4.99112
870	17.7733	681.7267	768.5969	527.4427	122.5994	4.98639
871	17.7903	752.5958	778.0956	527.9063	122.5994	4.98166
872	17.8073	737.8334	781.9574	528.3698	122.5994	4.97694
873	17.8243	740.1491	779.8611	528.8333	122.5994	4.97224
874	17.8413	815.6861	772.1177	529.2969	122.5994	4.96754
875	17.8583	844.566	759.5749	529.7604	122.5994	4.96285
876	17.8753	818.2537	743.4153	530.224	122.5994	4.95816
877	17.8923	802.6288	724.9307	530.6875	122.5994	4.95349
878	17.9093	747.8031	705.3358	531.151	122.5994	4.94883
879	17.9263	673.7161	685.6441	531.6146	122.5994	4.94417
880	17.9433	642.255	666.6407	532.0781	122.5994	4.93953

881	17.9603	566.8529	648.8801	532.5417	122.5994	4.93489
882	17.9773	603.2506	632.7187	533.0052	122.5994	4.93026
883	17.9943	595.5931	618.3508	533.4688	122.5994	4.92564
884	18.0113	595.3711	605.8419	533.9323	122.5994	4.92103
885	18.0283	589.2762	595.1581	534.3958	122.5994	4.91643
886	18.0453	532.8528	586.1932	534.8594	122.5994	4.91184
887	18.0623	519.4545	578.7918	535.3229	122.5994	4.90725
888	18.0793	575.6415	572.7712	535.7865	122.5994	4.90267
889	18.0963	524.8119	567.9361	536.25	122.5994	4.89811
890	18.1133	560.4849	563.9561	536.5729	122.5994	4.89355
891	18.1303	526.754	560.7944	536.8958	122.5994	4.889
892	18.1473	558.4832	558.2931	537.2188	122.5994	4.88446
893	18.1643	525.1861	556.3167	537.5417	122.5994	4.87992
894	18.1813	545.5753	554.7527	537.8646	122.5994	4.8754
895	18.1983	541.5505	553.5107	538.1875	122.5994	4.87088
896	18.2153	543.9273	552.5189	538.5104	122.5994	4.86638
897	18.2323	521.063	551.7223	538.8333	122.5994	4.86188
898	18.2493	537.0317	551.0788	539.1563	122.5994	4.85739
899	18.2663	555.8923	550.5569	539.4792	122.5994	4.8529
900	18.2833	535.2087	550.1332	539.8021	122.5994	4.84843
901	18.3003	538.2501	549.7899	540.125	122.5994	4.84396
902	18.3173	541.8495	549.5139	540.4479	122.5994	4.83951
903	18.3343	543.7084	549.2949	540.7708	122.5994	4.83506
904	18.3513	546.284	549.1252	541.0938	122.5994	4.83062
905	18.3683	561.243	548.9985	541.4167	122.5994	4.82618
906	18.3853	564.2075	548.9099	541.7396	122.5994	4.82176
907	18.4023	543.2928	548.8552	542.0625	122.5994	4.81734
908	18.4193	536.3491	548.831	542.3854	122.5994	4.81294
909	18.4363	550.088	548.8344	542.7083	122.5994	4.80854
910	18.4533	552.197	548.863	543.0313	122.5994	4.80414
911	18.4703	552.2603	548.9149	543.3542	122.5994	4.79976
912	18.4873	557.9369	548.9885	543.6771	122.5994	4.79539
913	18.5043	552.8994	549.0826	544	122.5994	4.79102
914	18.5213	523.8564	549.8315	544.9583	122.5994	4.78666
915	18.5383	522.9162	550.5996	545.9167	122.5994	4.78231
916	18.5553	561.2549	551.3862	546.875	122.5994	4.77797
917	18.5723	562.5135	552.1915	547.8333	122.5994	4.77363
918	18.5893	529.8571	553.0156	548.7917	122.5994	4.7693
919	18.6063	551.3192	553.8978	549.75	122.5994	4.76498
920	18.6233	554.3987	554.7614	550.7083	122.5994	4.76067
921	18.6403	571.1423	555.6446	551.6667	122.5994	4.75637
922	18.6573	583.8153	556.5667	552.625	122.5994	4.75207
923	18.6743	565.5812	557.4886	553.5833	122.5994	4.74779
924	18.6913	620.4229	558.6955	554.5417	122.5994	4.74351
925	18.7083	590.9294	559.8843	555.5	122.5994	4.73923
926	18.7253	555.5135	560.868	556.4583	122.5994	4.73497
927	18.7423	574.2083	561.8612	557.4167	122.5994	4.73071
928	18.7593	575.9448	563.5275	558.375	122.5994	4.72646
929	18.7763	576.0108	564.9143	559.3333	122.5994	4.72222

930	18.7933	629.4058	565.9274	560.2917	122.5994	4.71799
931	18.8103	557.164	566.9218	561.25	122.5994	4.71376
932	18.8273	577.5642	568.3956	562.2083	122.5994	4.70955
933	18.8443	627.099	569.3519	563.1667	122.5994	4.70534
934	18.8613	662.2458	570.281	564.125	122.5994	4.70113
935	18.8783	622.9305	571.1873	565.0833	122.5994	4.69694
936	18.8953	647.8793	572.0773	566.0417	122.5994	4.69275
937	18.9123	629.3241	571.6504	567	122.5994	4.68857
938	18.9293	615.5953	572.4322	567.8214	122.5994	4.6844
939	18.9463	565.5201	573.2183	568.6427	122.5994	4.68023
940	18.9633	568.5609	573.3702	569.4641	122.5994	4.67608
941	18.9803	583.5502	574.198	570.2855	122.5994	4.67193
942	18.9973	548.7128	575.0415	571.1069	122.5994	4.66778
943	19.0143	555.1715	575.9024	571.9282	122.5994	4.66365
944	19.0313	517.8537	576.7818	572.7496	122.5994	4.65952
945	19.0483	529.3347	577.6802	573.571	122.5994	4.6554
946	19.0653	574.6574	578.5975	574.3923	122.5994	4.65129
947	19.0823	544.5551	579.5337	575.2137	122.5994	4.64718
948	19.0993	558.2614	580.5786	576.0351	122.5994	4.64309
949	19.1163	568.4433	581.5542	576.8564	122.5994	4.63899
950	19.1333	541.4176	582.548	577.6778	122.5994	4.63491
951	19.1503	527.9553	583.6048	578.4992	122.5994	4.63084
952	19.1673	529.6886	584.6364	579.3206	122.5994	4.62677
953	19.1843	537.7964	585.6871	580.1419	122.5994	4.6227
954	19.2013	576.3629	586.7576	580.9633	122.5994	4.61865
955	19.2183	565.2947	587.8491	581.7847	122.5994	4.6146
956	19.2353	558.9457	588.9633	582.606	122.5994	4.61056
957	19.2523	557.1507	590.1021	583.4274	122.5994	4.60653
958	19.2693	576.7399	591.2678	584.2488	122.5994	4.6025
959	19.2863	603.269	592.4634	585.0701	122.5994	4.59849
960	19.3033	589.7308	593.6927	585.8915	122.5994	4.59447
961	19.3203	583.9876	594.9601	586.7129	122.5994	4.59047
962	19.3373	588.9353	596.0669	587.3301	122.5994	4.58647
963	19.3543	597.3205	597.2244	587.9473	122.5994	4.58248
964	19.3713	593.1639	598.4415	588.5645	122.5994	4.5785
965	19.3883	608.709	599.7294	589.1816	122.5994	4.57452
966	19.4053	645.8239	601.1027	589.7988	122.5994	4.57055
967	19.4223	627.6317	602.5798	590.416	122.5994	4.56659
968	19.4393	624.0449	604.184	591.0332	122.5994	4.56264
969	19.4563	629.159	605.9449	591.6504	122.5994	4.55869
970	19.4733	629.9496	607.8997	592.2676	122.5994	4.55475
971	19.4903	625.6592	610.0938	592.8848	122.5994	4.55081
972	19.5073	616.1244	612.5829	593.502	122.5994	4.54688
973	19.5243	656.5853	615.4341	594.1191	122.5994	4.54296
974	19.5413	665.3195	618.7259	594.7363	122.5994	4.53905
975	19.5583	655.8155	622.5488	595.3535	122.5994	4.53514
976	19.5753	660.3159	627.4424	595.9707	122.5994	4.53124
977	19.5923	707.5657	632.6599	596.5879	122.5994	4.52735
978	19.6093	660.6126	638.7442	597.2051	122.5994	4.52346

979	19.6263	667.2248	645.9102	597.8223	122.5994	4.51958
980	19.6433	700.2358	654.0897	598.4395	122.5994	4.51571
981	19.6603	676.6755	663.4747	599.0566	122.5994	4.51184
982	19.6773	740.4394	674.1415	599.6738	122.5994	4.50798
983	19.6943	744.601	686.1285	600.291	122.5994	4.50413
984	19.7113	753.3393	699.423	600.9082	122.5994	4.50029
985	19.7283	826.4981	714.3073	601.5254	122.5994	4.49645
986	19.7453	818.9552	729.7148	601.9307	122.5994	4.49261
987	19.7623	846.7288	745.9607	602.3361	122.5994	4.48879
988	19.7793	856.5781	763.5242	602.7414	122.5994	4.48497
989	19.7963	892.6941	780.4243	603.1467	122.5994	4.48115
990	19.8133	914.5129	796.9982	603.5521	122.5994	4.47735
991	19.8303	932.7036	812.7517	603.9574	122.5994	4.47355
992	19.8473	902.9873	827.1232	604.3627	122.5994	4.46975
993	19.8643	876.8339	839.4794	604.7681	122.5994	4.46597
994	19.8813	929.9582	849.4291	605.1734	122.5994	4.46219
995	19.8983	946.7549	855.6082	605.5787	122.5994	4.45841
996	19.9153	936.7039	857.7933	605.9841	122.5994	4.45465
997	19.9323	957.491	855.7022	606.3894	122.5994	4.45088
998	19.9493	972.2941	849.3986	606.7947	122.5994	4.44713
999	19.9663	962.5026	839.3033	607.2001	122.5994	4.44338
1000	19.9833	933.2474	826.1364	607.6054	122.5994	4.43964
1001	20.0003	930.2674	810.7813	608.0107	122.5994	4.4359
1002	20.0173	866.8078	794.1718	608.4161	122.5994	4.43218
1003	20.0343	825.1074	777.1797	608.8214	122.5994	4.42845
1004	20.0513	831.874	760.5441	609.2267	122.5994	4.42474
1005	20.0683	808.8535	744.8308	609.6321	122.5994	4.42103
1006	20.0853	802.2253	730.4344	610.0374	122.5994	4.41732
1007	20.1023	763.5171	717.5949	610.4427	122.5994	4.41363
1008	20.1193	747.1363	706.4147	610.8481	122.5994	4.40994
1009	20.1363	800.9808	696.8846	611.2534	122.5994	4.40625
1010	20.1533	771.9281	688.6964	611.453	122.5994	4.40257
1011	20.1703	750.774	681.8865	611.6526	122.5994	4.3989
1012	20.1873	702.2606	676.2393	611.8522	122.5994	4.39523
1013	20.2043	732.0291	671.5213	612.0518	122.5994	4.39157
1014	20.2213	745.3039	667.5088	612.2514	122.5994	4.38792
1015	20.2383	710.1179	664.0151	612.451	122.5994	4.38427
1016	20.2553	702.2631	660.9037	612.6507	122.5994	4.38063
1017	20.2723	702.2631	658.0898	612.8503	122.5994	4.377
1018	20.2893	716.286	655.5334	613.0499	122.5994	4.37337
1019	20.3063	708.6036	653.2288	613.2495	122.5994	4.36974
1020	20.3233	737.4348	651.1914	613.4491	122.5994	4.36613
1021	20.3403	679.422	649.4479	613.6487	122.5994	4.36252
1022	20.3573	670.9879	648.0295	613.8483	122.5994	4.35891
1023	20.3743	650.4746	646.9688	614.0479	122.5994	4.35531
1024	20.3913	691.2988	646.2991	614.2475	122.5994	4.35172
1025	20.4083	658.1312	646.0554	614.4471	122.5994	4.34813
1026	20.4253	738.1045	646.2745	614.6467	122.5994	4.34455
1027	20.4423	705.1833	646.9954	614.8463	122.5994	4.34098

1028	20.4593	680.121	648.2589	615.0459	122.5994	4.33741
1029	20.4763	711.3172	650.1116	615.2455	122.5994	4.33385
1030	20.4933	654.8263	652.5856	615.4451	122.5994	4.33029
1031	20.5103	631.616	655.7236	615.6447	122.5994	4.32674
1032	20.5273	689.7821	659.5605	615.8443	122.5994	4.3232
1033	20.5443	672.8004	664.3038	616.0439	122.5994	4.31966
1034	20.5613	652.9749	669.5915	616.2436	122.5994	4.31612
1035	20.5783	680.3044	675.5967	616.4432	122.5994	4.3126
1036	20.5953	641.0097	682.3762	616.6428	122.5994	4.30907
1037	20.6123	676.8954	689.6759	616.8424	122.5994	4.30556
1038	20.6293	699.9967	697.4814	617.042	122.5994	4.30205
1039	20.6463	707.6348	705.6548	617.2416	122.5994	4.29855
1040	20.6633	717.1639	714.0431	617.4412	122.5994	4.29505
1041	20.6803	744.2486	722.5137	617.6408	122.5994	4.29156
1042	20.6973	705.3713	731.0031	617.8404	122.5994	4.28807
1043	20.7143	727.3242	739.5917	618.04	122.5994	4.28459
1044	20.7313	742.2599	748.6184	618.2396	122.5994	4.28111
1045	20.7483	745.3039	758.9197	618.4392	122.5994	4.27764
1046	20.7653	742.6631	772.2701	618.6388	122.5994	4.27418
1047	20.7823	767.8908	792.0287	618.8384	122.5994	4.27072
1048	20.7993	822.3671	823.6888	619.038	122.5994	4.26727
1049	20.8163	866.1959	874.5989	619.2376	122.5994	4.26382
1050	20.8333	865.3031	951.9438	619.4372	122.5994	4.26038
1051	20.8503	946.5643	1058.908	619.6368	122.5994	4.25695
1052	20.8673	1034.896	1188.431	619.8364	122.5994	4.25352
1053	20.8843	1121.586	1314.984	620.0361	122.5994	4.25009
1054	20.9013	1352.324	1394.131	620.2357	122.5994	4.24667
1055	20.9183	1585.06	1397.737	620.4353	122.5994	4.24326
1056	20.9353	1794.796	1342.821	620.6349	122.5994	4.23985
1057	20.9523	1730.273	1251.141	620.8345	122.5994	4.23645
1058	20.9693	1499.365	1134.285	620.8283	122.5994	4.23306
1059	20.9863	1285.592	1013.906	620.8222	122.5994	4.22967
1060	21.0033	1152.432	910.6007	620.8161	122.5994	4.22628
1061	21.0203	988.4023	832.0905	620.81	122.5994	4.2229
1062	21.0373	822.5821	776.8356	620.8039	122.5994	4.21953
1063	21.0543	780.9443	738.9467	620.7977	122.5994	4.21616
1064	21.0713	730.6481	714.2275	620.7916	122.5994	4.2128
1065	21.0883	709.285	697.3257	620.7855	122.5994	4.20944
1066	21.1053	692.9744	685.0756	620.7794	122.5994	4.20609
1067	21.1223	691.7029	675.0925	620.7732	122.5994	4.20274
1068	21.1393	676.6741	667.6832	620.7671	122.5994	4.1994
1069	21.1563	660.8222	661.6456	620.761	122.5994	4.19606
1070	21.1733	610.1589	656.4929	620.7549	122.5994	4.19273
1071	21.1903	670.2858	652.384	620.7487	122.5994	4.18941
1072	21.2073	651.851	648.9783	620.7426	122.5994	4.18609
1073	21.2243	684.0847	646.1539	620.7365	122.5994	4.18277
1074	21.2413	647.1999	643.812	620.7304	122.5994	4.17946
1075	21.2583	617.7696	641.8734	620.7242	122.5994	4.17616
1076	21.2753	636.8444	640.2751	620.7181	122.5994	4.17286

1077	21.2923	611.2626	638.9686	620.712	122.5994	4.16957
1078	21.3093	595.6079	637.9185	620.7059	122.5994	4.16628
1079	21.3263	620.0216	637.1005	620.6997	122.5994	4.163
1080	21.3433	623.2691	636.491	620.6936	122.5994	4.15972
1081	21.3603	631.4807	636.1096	620.6875	122.5994	4.15645
1082	21.3773	620.0216	635.7451	620.4818	122.5994	4.15318
1083	21.3943	628.5091	635.6434	620.276	122.5994	4.14992
1084	21.4113	651.7313	635.7465	620.0703	122.5994	4.14666
1085	21.4283	637.5371	636.1069	619.8646	122.5994	4.14341
1086	21.4453	614.0125	636.7002	619.6589	122.5994	4.14016
1087	21.4623	630.9162	637.6252	619.4531	122.5994	4.13692
1088	21.4793	628.7212	638.8478	619.2474	122.5994	4.13369
1089	21.4963	639.9155	640.3654	619.0417	122.5994	4.13046
1090	21.5133	627.1003	642.1719	618.8359	122.5994	4.12723
1091	21.5303	641.4983	644.2249	618.6302	122.5994	4.12401
1092	21.5473	626.9168	646.4772	618.4245	122.5994	4.12079
1093	21.5643	610.0664	648.8528	618.2188	122.5994	4.11758
1094	21.5813	625.0117	651.2386	618.013	122.5994	4.11438
1095	21.5983	633.1431	653.4961	617.8073	122.5994	4.11118
1096	21.6153	642.8692	655.4553	617.6016	122.5994	4.10798
1097	21.6323	645.1721	656.934	617.3958	122.5994	4.10479
1098	21.6493	612.1868	657.7673	617.1901	122.5994	4.10161
1099	21.6663	602.7488	657.8416	616.9844	122.5994	4.09843
1100	21.6833	594.2964	657.119	616.7786	122.5994	4.09525
1101	21.7003	622.0212	655.6407	616.5729	122.5994	4.09209
1102	21.7173	650.5554	653.514	616.3672	122.5994	4.08892
1103	21.7343	630.2415	650.8895	616.1615	122.5994	4.08576
1104	21.7513	605.5484	647.9366	615.9557	122.5994	4.08261
1105	21.7683	618.9223	644.8207	615.75	122.5994	4.07946
1106	21.7853	632.7979	641.5063	615.3646	122.5994	4.07631
1107	21.8023	603.4248	638.1232	614.9792	122.5994	4.07317
1108	21.8193	591.3169	635.6214	614.5938	122.5994	4.07004
1109	21.8363	586.427	632.8331	614.2083	122.5994	4.06691
1110	21.8533	615.2622	630.2247	613.8229	122.5994	4.06378
1111	21.8703	611.2615	628.2341	613.4375	122.5994	4.06066
1112	21.8873	628.1213	626.2543	613.0521	122.5994	4.05754
1113	21.9043	580.0005	624.3407	612.6667	122.5994	4.05443
1114	21.9213	585.0793	622.8383	612.2813	122.5994	4.05133
1115	21.9383	623.7948	621.5299	611.8958	122.5994	4.04823
1116	21.9553	590.8248	620.2899	611.5104	122.5994	4.04513
1117	21.9723	591.4172	619.2805	611.125	122.5994	4.04204
1118	21.9893	665.3057	618.3838	610.7396	122.5994	4.03895
1119	22.0063	654.1766	617.577	610.3542	122.5994	4.03587
1120	22.0233	636.2182	616.8442	609.9688	122.5994	4.03279
1121	22.0403	654.8499	616.1744	609.5833	122.5994	4.02972
1122	22.0573	696.3419	615.5601	609.1979	122.5994	4.02665
1123	22.0743	695.4541	614.0924	608.8125	122.5994	4.02359
1124	22.0913	721.7704	613.6046	608.4271	122.5994	4.02053
1125	22.1083	732.9239	613.1654	608.0417	122.5994	4.01748

1126	22.1253	701.0941	612.3065	607.6563	122.5994	4.01443
1127	22.1423	688.683	611.9871	607.2708	122.5994	4.01139
1128	22.1593	660.5023	611.7273	606.8854	122.5994	4.00835
1129	22.1763	653.6211	611.5363	606.5	122.5994	4.00532
1130	22.1933	627.7685	611.2446	605.9375	122.5994	4.00229
1131	22.2103	621.0942	611.0388	605.375	122.5994	3.99926
1132	22.2273	628.4215	610.9283	604.8125	122.5994	3.99624
1133	22.2443	611.3132	610.9219	604.25	122.5994	3.99322
1134	22.2613	625.0448	611.2911	603.6875	122.5994	3.99021
1135	22.2783	590.5739	611.5201	603.125	122.5994	3.98721
1136	22.2953	594.5395	611.8662	602.5625	122.5994	3.98421
1137	22.3123	622.2299	612.3235	602	122.5994	3.98121
1138	22.3293	608.9285	613.0159	601.4375	122.5994	3.97822
1139	22.3463	595.2395	613.6571	600.875	122.5994	3.97523
1140	22.3633	610.2803	614.3453	600.3125	122.5994	3.97224
1141	22.3803	627.966	615.0354	599.75	122.5994	3.96927
1142	22.3973	624.0497	615.6691	599.1875	122.5994	3.96629
1143	22.4143	603.8016	616.1796	598.625	122.5994	3.96332
1144	22.4313	609.9219	616.5001	598.0625	122.5994	3.96036
1145	22.4483	595.9294	616.5776	597.5	122.5994	3.9574
1146	22.4653	602.5957	616.3843	596.9375	122.5994	3.95444
1147	22.4823	602.1086	615.9238	596.375	122.5994	3.95149
1148	22.4993	608.7378	615.2289	595.8125	122.5994	3.94854
1149	22.5163	615.0515	614.3549	595.25	122.5994	3.9456
1150	22.5333	597.252	613.5056	594.6875	122.5994	3.94266
1151	22.5503	627.3882	612.4923	594.125	122.5994	3.93973
1152	22.5673	602.1467	611.5225	593.5625	122.5994	3.9368
1153	22.5843	564.1209	610.7357	593	122.5994	3.93387
1154	22.6013	603.9163	610.6977	593.0625	122.5994	3.93095
1155	22.6183	606.8528	610.9172	593.125	122.5994	3.92803
1156	22.6353	564.0716	611.4645	593.1875	122.5994	3.92512
1157	22.6523	603.3416	612.4081	593.25	122.5994	3.92222
1158	22.6693	623.4358	613.8319	593.3125	122.5994	3.91931
1159	22.6863	629.6001	615.8077	593.375	122.5994	3.91641
1160	22.7033	588.4297	618.4075	593.4375	122.5994	3.91352
1161	22.7203	590.3017	621.7032	593.5	122.5994	3.91063
1162	22.7373	600.0016	625.7479	593.5625	122.5994	3.90774
1163	22.7543	590.5383	631.1442	593.625	122.5994	3.90486
1164	22.7713	610.3339	636.5981	593.6875	122.5994	3.90199
1165	22.7883	620.0216	643.0073	593.75	122.5994	3.89911
1166	22.8053	622.7138	650.1028	593.8125	122.5994	3.89625
1167	22.8223	657.7466	657.9387	593.875	122.5994	3.89338
1168	22.8393	628.3831	665.924	593.9375	122.5994	3.89052
1169	22.8563	620.3333	673.9363	594	122.5994	3.88767
1170	22.8733	649.2222	681.5721	594.0625	122.5994	3.88482
1171	22.8903	620.2944	688.3494	594.125	122.5994	3.88197
1172	22.9073	647.1672	693.7584	594.1875	122.5994	3.87913
1173	22.9243	656.4862	697.3532	594.25	122.5994	3.87629
1174	22.9413	653.1554	698.8314	594.3125	122.5994	3.87346

1175	22.9583	637.9494	698.1126	594.375	122.5994	3.87063
1176	22.9753	664.8704	695.3276	594.4375	122.5994	3.8678
1177	22.9923	659.0386	690.7743	594.5	122.5994	3.86498
1178	23.0093	621.6418	684.8658	594.5625	122.5994	3.86216
1179	23.0263	623.284	678.0663	594.625	122.5994	3.85935
1180	23.0433	634.8331	670.8273	594.6875	122.5994	3.85654
1181	23.0603	640.8873	663.5599	594.75	122.5994	3.85374
1182	23.0773	630.8018	656.5836	594.8125	122.5994	3.85093
1183	23.0943	651.6843	650.1381	594.875	122.5994	3.84814
1184	23.1113	647.0314	644.3842	594.9375	122.5994	3.84535
1185	23.1283	650.5239	639.4255	595	122.5994	3.84256
1186	23.1453	627.6772	635.3108	595.0625	122.5994	3.83977
1187	23.1623	633.564	632.0558	595.125	122.5994	3.83699
1188	23.1793	638.9834	629.6517	595.1875	122.5994	3.83422
1189	23.1963	636.3285	628.0763	595.25	122.5994	3.83145
1190	23.2133	624.7302	627.2979	595.3125	122.5994	3.82868
1191	23.2303	601.1983	627.2791	595.375	122.5994	3.82592
1192	23.2473	610.7299	627.9786	595.4375	122.5994	3.82316
1193	23.2643	591.5305	629.3497	595.5	122.5994	3.8204
1194	23.2813	579.2282	631.3391	595.5625	122.5994	3.81765
1195	23.2983	561.1017	633.8823	595.625	122.5994	3.8149
1196	23.3153	596.9657	636.8997	595.6875	122.5994	3.81216
1197	23.3323	593.4861	640.2903	595.75	122.5994	3.80942
1198	23.3493	604.042	643.9265	595.8125	122.5994	3.80669
1199	23.3663	602.4609	647.6469	595.875	122.5994	3.80396
1200	23.3833	588.6023	651.2581	595.9375	122.5994	3.80123
1201	23.4003	573.825	654.5448	596	122.5994	3.79851
1202	23.4173	608.0851	657.4984	596.2656	122.5994	3.79579
1203	23.4343	619.3387	659.7444	596.5313	122.5994	3.79307
1204	23.4513	598.1591	661.1869	596.7969	122.5994	3.79036
1205	23.4683	564.8807	661.8248	597.0625	122.5994	3.78765
1206	23.4853	548.6005	661.7491	597.3281	122.5994	3.78495
1207	23.5023	602.2117	661.1238	597.5938	122.5994	3.78225
1208	23.5193	619.5784	660.1616	597.8594	122.5994	3.77955
1209	23.5363	624.9702	659.0969	598.125	122.5994	3.77686
1210	23.5533	610.0366	658.1613	598.3906	122.5994	3.77418
1211	23.5703	607.0902	657.4919	598.6563	122.5994	3.77149
1212	23.5873	660.5023	657.4034	598.9219	122.5994	3.76881
1213	23.6043	660.1035	657.951	599.1875	122.5994	3.76614
1214	23.6213	658.4581	659.1797	599.4531	122.5994	3.76346
1215	23.6383	690.2949	661.2018	599.7188	122.5994	3.7608
1216	23.6553	713.6478	663.9701	599.9844	122.5994	3.75813
1217	23.6723	686.4528	667.4507	600.25	122.5994	3.75547
1218	23.6893	683.5564	671.5856	600.5156	122.5994	3.75281
1219	23.7063	674.0555	676.3214	600.7813	122.5994	3.75016
1220	23.7233	675.8674	681.5961	601.0469	122.5994	3.74751
1221	23.7403	650.3785	687.3433	601.3125	122.5994	3.74487
1222	23.7573	679.731	693.4798	601.5781	122.5994	3.74223
1223	23.7743	662.5435	699.8665	601.8438	122.5994	3.73959

1224	23.7913	631.6032	706.2908	602.1094	122.5994	3.73696
1225	23.8083	647.0685	712.4799	602.375	122.5994	3.73433
1226	23.8253	658.0356	717.7549	602.4505	122.5994	3.7317
1227	23.8423	656.5229	721.8629	602.526	122.5994	3.72908
1228	23.8593	685.3409	724.3497	602.6016	122.5994	3.72646
1229	23.8763	673.8226	724.8178	602.6771	122.5994	3.72384
1230	23.8933	670.8225	723.1175	602.7526	122.5994	3.72123
1231	23.9103	654.1882	719.2981	602.8281	122.5994	3.71863
1232	23.9273	672.9315	713.5975	602.9036	122.5994	3.71602
1233	23.9443	688.8953	706.3873	602.9792	122.5994	3.71342
1234	23.9613	684.9621	698.1149	603.0547	122.5994	3.71083
1235	23.9783	682.0888	689.2458	603.1302	122.5994	3.70823
1236	23.9953	656.8402	680.2072	603.2057	122.5994	3.70565
1237	24.0123	632.2956	671.3572	603.2813	122.5994	3.70306
1238	24.0293	623.0938	664.0428	603.3568	122.5994	3.70048
1239	24.0463	650.9075	655.8075	603.4323	122.5994	3.6979
1240	24.0633	652.0876	648.86	603.5078	122.5994	3.69533
1241	24.0803	638.2889	642.7166	603.5833	122.5994	3.69276
1242	24.0973	642.153	637.6595	603.6589	122.5994	3.69019
1243	24.1143	667.4764	633.1229	603.7344	122.5994	3.68763
1244	24.1313	638.0298	629.3065	603.8099	122.5994	3.68507
1245	24.1483	664.0928	626.139	603.8854	122.5994	3.68251
1246	24.1653	667.7744	623.5399	603.9609	122.5994	3.67996
1247	24.1823	624.7043	621.4285	604.0365	122.5994	3.67741
1248	24.1993	619.1805	619.7265	604.112	122.5994	3.67487
1249	24.2163	611.5666	618.3623	604.1875	122.5994	3.67233
1250	24.2333	645.1955	617.2728	604.263	122.5994	3.66979
1251	24.2503	659.431	616.3943	604.3385	122.5994	3.66725
1252	24.2673	660.4266	615.7026	604.4141	122.5994	3.66472
1253	24.2843	627.2004	615.1515	604.4896	122.5994	3.6622
1254	24.3013	719.6656	614.7128	604.5651	122.5994	3.65967
1255	24.3183	671.8047	614.3597	604.6406	122.5994	3.65715
1256	24.3353	718.1746	614.0854	604.7161	122.5994	3.65464
1257	24.3523	692.0918	613.8729	604.7917	122.5994	3.65212
1258	24.3693	705.8044	613.7126	604.8672	122.5994	3.64961
1259	24.3863	673.3017	613.598	604.9427	122.5994	3.64711
1260	24.4033	704.7645	613.5325	605.0182	122.5994	3.64461
1261	24.4203	676.5885	614.4409	605.0938	122.5994	3.64211
1262	24.4373	684.0014	614.4698	605.1693	122.5994	3.63961
1263	24.4543	701.4506	614.5342	605.2448	122.5994	3.63712
1264	24.4713	686.9397	615.0961	605.3203	122.5994	3.63463
1265	24.4883	641.0985	615.2446	605.3958	122.5994	3.63215
1266	24.5053	645.1721	615.4296	605.4714	122.5994	3.62967
1267	24.5223	632.0717	615.6521	605.5469	122.5994	3.62719
1268	24.5393	596.9125	615.914	605.6224	122.5994	3.62471
1269	24.5563	613.6522	616.2178	605.6979	122.5994	3.62224
1270	24.5733	620.6968	616.5662	605.7734	122.5994	3.61978
1271	24.5903	643.521	616.9626	605.849	122.5994	3.61731
1272	24.6073	626.2701	617.1486	605.9245	122.5994	3.61485

1273	24.6243	594.8742	617.6612	606	122.5994	3.6124
1274	24.6413	587.5437	618.9916	606.8318	122.5994	3.60994
1275	24.6583	598.5721	620.3928	607.6637	122.5994	3.60749
1276	24.6753	620.8401	621.735	608.4955	122.5994	3.60504
1277	24.6923	628.217	623.2899	609.3274	122.5994	3.6026
1278	24.7093	627.1801	624.9336	610.1592	122.5994	3.60016
1279	24.7263	632.5479	626.6783	610.9911	122.5994	3.59772
1280	24.7433	643.1873	628.5334	611.8229	122.5994	3.59529
1281	24.7603	633.5637	630.5163	612.6548	122.5994	3.59286
1282	24.7773	603.9148	632.6453	613.4866	122.5994	3.59043
1283	24.7943	636.4035	634.9421	614.3185	122.5994	3.58801
1284	24.8113	678.2443	637.4311	615.1503	122.5994	3.58559
1285	24.8283	670.1845	640.1413	615.9822	122.5994	3.58317
1286	24.8453	684.1512	643.1057	616.814	122.5994	3.58076
1287	24.8623	669.1018	646.2321	617.6459	122.5994	3.57835
1288	24.8793	676.7859	649.8365	618.4777	122.5994	3.57594
1289	24.8963	712.9527	653.8475	619.3096	122.5994	3.57354
1290	24.9133	669.7427	658.3496	620.1414	122.5994	3.57114
1291	24.9303	705.7228	663.3875	620.9733	122.5994	3.56874
1292	24.9473	757.5865	669.2235	621.8051	122.5994	3.56635
1293	24.9643	749.7247	675.9377	622.637	122.5994	3.56396
1294	24.9813	714.2612	683.1191	623.4688	122.5994	3.56157
1295	24.9983	734.754	692.0495	624.3007	122.5994	3.55919
1296	25.0153	698.2731	702.2626	625.1325	122.5994	3.55681
1297	25.0323	715.2024	713.8453	625.9644	122.5994	3.55443
1298	25.0493	723.1221	726.3057	626.6056	122.5994	3.55206
1299	25.0663	713.6735	740.3379	627.2468	122.5994	3.54969
1300	25.0833	738.4131	755.4825	627.888	122.5994	3.54732
1301	25.1003	739.8538	771.4462	628.5292	122.5994	3.54496
1302	25.1173	692.0572	787.774	629.1704	122.5994	3.5426
1303	25.1343	697.5054	803.8644	629.8116	122.5994	3.54024
1304	25.1513	736.3971	818.9681	630.4528	122.5994	3.53789
1305	25.1683	789.9473	832.2391	631.094	122.5994	3.53553
1306	25.1853	799.2226	842.8658	631.7352	122.5994	3.53319
1307	25.2023	848.585	850.2136	632.3764	122.5994	3.53084
1308	25.2193	861.5315	853.9651	633.0176	122.5994	3.5285
1309	25.2363	850.3323	854.1747	633.6588	122.5994	3.52616
1310	25.2533	896.2681	851.2411	634.3	122.5994	3.52383
1311	25.2703	843.5884	845.8281	634.9412	122.5994	3.52149
1312	25.2873	836.6168	838.7723	635.5824	122.5994	3.51917
1313	25.3043	855.0491	830.9889	636.2236	122.5994	3.51684
1314	25.3213	809.5563	823.3711	636.8648	122.5994	3.51452
1315	25.3383	776.4572	816.7123	637.506	122.5994	3.5122
1316	25.3553	799.2442	811.6429	638.1472	122.5994	3.50988
1317	25.3723	788.1882	808.6037	638.7884	122.5994	3.50757
1318	25.3893	778.4156	807.8241	639.4296	122.5994	3.50526
1319	25.4063	775.6997	809.5287	640.0707	122.5994	3.50295
1320	25.4233	767.6749	813.1552	640.7119	122.5994	3.50065
1321	25.4403	770.8316	818.4944	641.3531	122.5994	3.49835

1322	25.4573	743.6628	824.7217	641.7872	122.5994	3.49605
1323	25.4743	773.5979	831.3231	642.2212	122.5994	3.49375
1324	25.4913	795.1637	837.1407	642.6552	122.5994	3.49146
1325	25.5083	792.5101	841.2873	643.0892	122.5994	3.48917
1326	25.5253	786.7689	842.9302	643.5232	122.5994	3.48689
1327	25.5423	823.5387	841.5397	643.9572	122.5994	3.48461
1328	25.5593	848.8493	836.9559	644.3912	122.5994	3.48233
1329	25.5763	871.4257	830.0907	644.8252	122.5994	3.48005
1330	25.5933	825.1323	819.9252	645.2592	122.5994	3.47778
1331	25.6103	795.7824	807.7792	645.6932	122.5994	3.47551
1332	25.6273	839.7145	794.3459	646.1272	122.5994	3.47324
1333	25.6443	783.829	785.2885	646.5612	122.5994	3.47098
1334	25.6613	767.8661	771.451	646.9953	122.5994	3.46872
1335	25.6783	818.3414	758.1493	647.4293	122.5994	3.46646
1336	25.6953	777.9485	745.7466	647.8633	122.5994	3.4642
1337	25.7123	772.7892	734.4776	648.2973	122.5994	3.46195
1338	25.7293	757.2101	729.8562	648.7313	122.5994	3.4597
1339	25.7463	716.6985	721.3212	649.1653	122.5994	3.45746
1340	25.7633	760.471	714.0703	649.5993	122.5994	3.45521
1341	25.7803	722.9847	708.0319	650.0333	122.5994	3.45297
1342	25.7973	731.1841	704.6086	650.4673	122.5994	3.45074
1343	25.8143	706.2898	700.7192	650.9013	122.5994	3.4485
1344	25.8313	726.2404	697.7026	651.3353	122.5994	3.44627
1345	25.8483	652.0585	695.4329	651.7693	122.5994	3.44404
1346	25.8653	693.8338	693.5687	651.9758	122.5994	3.44182
1347	25.8823	652.087	692.2341	652.1823	122.5994	3.4396
1348	25.8993	675.5612	691.3448	652.3888	122.5994	3.43738
1349	25.9163	655.5981	690.827	652.5953	122.5994	3.43516
1350	25.9333	712.0968	690.6232	652.8017	122.5994	3.43295
1351	25.9503	682.461	690.6887	653.0082	122.5994	3.43074
1352	25.9673	700.8936	690.9905	653.2147	122.5994	3.42853
1353	25.9843	618.4018	691.5019	653.4212	122.5994	3.42633
1354	26.0013	700.4201	692.213	653.6277	122.5994	3.42413
1355	26.0183	685.7571	693.1104	653.8341	122.5994	3.42193
1356	26.0353	680.4175	694.1551	654.0406	122.5994	3.41973
1357	26.0523	689.1771	695.4116	654.2471	122.5994	3.41754
1358	26.0693	741.1872	696.8484	654.4536	122.5994	3.41535
1359	26.0863	706.9444	698.449	654.6601	122.5994	3.41316
1360	26.1033	704.6671	700.2515	654.8665	122.5994	3.41098
1361	26.1203	654.6213	702.242	655.073	122.5994	3.40879
1362	26.1373	673.8904	704.4264	655.2795	122.5994	3.40662
1363	26.1543	656.9378	706.8113	655.486	122.5994	3.40444
1364	26.1713	675.8811	709.4069	655.6925	122.5994	3.40227
1365	26.1883	707.5732	712.2289	655.8989	122.5994	3.4001
1366	26.2053	709.4625	715.3028	656.1054	122.5994	3.39793
1367	26.2223	712.9033	718.6664	656.3119	122.5994	3.39577
1368	26.2393	704.1531	722.3723	656.5184	122.5994	3.3936
1369	26.2563	675.9255	726.4894	656.7249	122.5994	3.39145
1370	26.2733	660.058	730.8522	656.9313	122.5994	3.38929

1371	26.2903	678.0874	735.8324	656.6657	122.5994	3.38714
1372	26.3073	712.9311	741.5397	656.6361	122.5994	3.38499
1373	26.3243	698.6423	748.1214	656.6065	122.5994	3.38284
1374	26.3413	668.4538	755.751	656.577	122.5994	3.38069
1375	26.3583	718.9573	764.6328	656.5474	122.5994	3.37855
1376	26.3753	762.7215	773.9587	656.5178	122.5994	3.37641
1377	26.3923	784.2545	786.144	656.4882	122.5994	3.37428
1378	26.4093	788.1065	800.4536	656.4587	122.5994	3.37214
1379	26.4263	806.0683	817.3051	656.4291	122.5994	3.37001
1380	26.4433	798.9543	836.6955	656.3995	122.5994	3.36789
1381	26.4603	853.6644	860.3146	656.3699	122.5994	3.36576
1382	26.4773	886.3548	888.4604	656.3404	122.5994	3.36364
1383	26.4943	960.0807	922.2709	656.3108	122.5994	3.36152
1384	26.5113	1039.072	963.4941	656.2812	122.5994	3.3594
1385	26.5283	1076.635	1015.244	656.2516	122.5994	3.35729
1386	26.5453	1157.697	1083.714	656.2221	122.5994	3.35517
1387	26.5623	1304.479	1181.352	656.1925	122.5994	3.35307
1388	26.5793	1413.71	1331.104	656.1629	122.5994	3.35096
1389	26.5963	1576.858	1569.107	656.1333	122.5994	3.34886
1390	26.6133	1851.312	1940.39	656.1037	122.5994	3.34676
1391	26.6303	2204.421	2483.275	656.0742	122.5994	3.34466
1392	26.6473	2622.882	3200.84	656.0446	122.5994	3.34256
1393	26.6643	3373.195	4026.044	656.015	122.5994	3.34047
1394	26.6813	4164.591	4767.527	655.7519	122.5994	3.33838
1395	26.6983	5409.322	5154.772	655.4888	122.5994	3.33629
1396	26.7153	6491.624	5107.624	655.2257	122.5994	3.33421
1397	26.7323	6180.3	4822.046	654.9626	122.5994	3.33213
1398	26.7493	4946.023	4451.899	654.6995	122.5994	3.33005
1399	26.7663	4084.941	3987.406	654.4364	122.5994	3.32797
1400	26.7833	3916.738	3428.349	654.1733	122.5994	3.3259
1401	26.8003	3442.098	2874.994	653.9102	122.5994	3.32383
1402	26.8173	2479.98	2410.987	653.6471	122.5994	3.32176
1403	26.8343	1899.749	2061.272	653.384	122.5994	3.31969
1404	26.8513	1654.722	1814.292	653.1209	122.5994	3.31763
1405	26.8683	1561.363	1642.727	652.8578	122.5994	3.31557
1406	26.8853	1498.353	1519.826	652.5947	122.5994	3.31351
1407	26.9023	1447.993	1424.143	652.3316	122.5994	3.31146
1408	26.9193	1346.948	1342.416	652.0685	122.5994	3.3094
1409	26.9363	1280.412	1268.105	651.8054	122.5994	3.30735
1410	26.9533	1235.943	1198.858	651.5423	122.5994	3.30531
1411	26.9703	1144.83	1134.368	651.2792	122.5994	3.30326
1412	26.9873	1037.099	1074.957	651.0161	122.5994	3.30122
1413	27.0043	982.0974	1020.987	650.753	122.5994	3.29918
1414	27.0213	944.0624	972.6575	650.4899	122.5994	3.29714
1415	27.0383	869.62	929.9612	650.2268	122.5994	3.29511
1416	27.0553	824.5745	892.7113	649.9637	122.5994	3.29308
1417	27.0723	776.6171	860.5811	649.7006	122.5994	3.29105
1418	27.0893	767.1879	833.1448	649.4375	122.5994	3.28902
1419	27.1063	767.2022	809.9183	649.1744	122.5994	3.287

1420	27.1233	758.7581	790.3829	648.9113	122.5994	3.28497
1421	27.1403	774.7151	774.0298	648.6482	122.5994	3.28295
1422	27.1573	748.6141	760.3711	648.3851	122.5994	3.28094
1423	27.1743	747.4948	748.9594	648.1219	122.5994	3.27892
1424	27.1913	730.4097	739.3979	647.8588	122.5994	3.27691
1425	27.2083	690.7296	731.3448	647.5957	122.5994	3.2749
1426	27.2253	688.0682	724.5131	647.3326	122.5994	3.2729
1427	27.2423	720.8457	718.6679	647.0695	122.5994	3.27089
1428	27.2593	682.4051	713.6203	646.8064	122.5994	3.26889
1429	27.2763	714.1128	709.2213	646.5433	122.5994	3.26689
1430	27.2933	702.5211	705.3539	646.2802	122.5994	3.2649
1431	27.3103	699.8164	701.9289	646.0171	122.5994	3.2629
1432	27.3273	689.6968	698.8773	645.754	122.5994	3.26091
1433	27.3443	648.8502	696.1467	645.4909	122.5994	3.25892
1434	27.3613	683.075	693.6968	645.2278	122.5994	3.25694
1435	27.3783	728.2006	691.4805	644.9647	122.5994	3.25495
1436	27.3953	687.8269	689.5079	644.7016	122.5994	3.25297
1437	27.4123	681.2227	687.7449	644.4385	122.5994	3.25099
1438	27.4293	695.6962	686.1791	644.1754	122.5994	3.24902
1439	27.4463	737.2162	684.7946	643.9123	122.5994	3.24704
1440	27.4633	698.6073	683.6053	643.6492	122.5994	3.24507
1441	27.4803	717.9006	682.6047	643.3861	122.5994	3.2431
1442	27.4973	723.9813	681.5674	642.8895	122.5994	3.24114
1443	27.5143	797.0886	680.8488	642.3929	122.5994	3.23917
1444	27.5313	862.327	680.2633	641.8962	122.5994	3.23721
1445	27.5483	822.9105	679.9467	641.3996	122.5994	3.23525
1446	27.5653	804.1972	679.952	640.903	122.5994	3.2333
1447	27.5823	729.7915	680.3942	640.4063	122.5994	3.23134
1448	27.5993	774.717	681.2466	639.9097	122.5994	3.22939
1449	27.6163	751.6284	682.6599	639.4131	122.5994	3.22744
1450	27.6333	755.2055	684.7532	638.9165	122.5994	3.22549
1451	27.6503	744.3162	687.6596	638.4198	122.5994	3.22355
1452	27.6673	721.8127	691.523	637.9232	122.5994	3.22161
1453	27.6843	739.7014	696.4951	637.4266	122.5994	3.21967
1454	27.7013	756.2641	702.7225	636.9299	122.5994	3.21773
1455	27.7183	742.4012	710.3354	636.4333	122.5994	3.2158
1456	27.7353	704.2471	719.2441	635.9367	122.5994	3.21386
1457	27.7523	723.6621	729.8825	635.4401	122.5994	3.21193
1458	27.7693	780.3766	742.0391	634.9434	122.5994	3.21001
1459	27.7863	805.1471	755.6111	634.4468	122.5994	3.20808
1460	27.8033	843.2949	765.4662	633.9502	122.5994	3.20616
1461	27.8203	854.0883	781.1951	633.4536	122.5994	3.20424
1462	27.8373	864.2771	797.1866	632.9569	122.5994	3.20232
1463	27.8543	864.3762	812.6953	632.4603	122.5994	3.2004
1464	27.8713	895.8917	824.4128	631.9637	122.5994	3.19849
1465	27.8883	915.1472	836.2036	631.467	122.5994	3.19658
1466	27.9053	900.0168	844.4664	630.7394	122.5994	3.19467
1467	27.9223	906.5535	848.7945	630.0118	122.5994	3.19276
1468	27.9393	939.5821	848.9221	629.2842	122.5994	3.19086

1469	27.9563	983.023	842.0679	628.5566	122.5994	3.18896
1470	27.9733	1017.924	834.4215	627.829	122.5994	3.18706
1471	27.9903	1026.398	823.5735	627.1013	122.5994	3.18516
1472	28.0073	1044.997	810.2046	626.3737	122.5994	3.18327
1473	28.0243	1004.821	793.6443	625.6461	122.5994	3.18137
1474	28.0413	1001.474	777.5536	624.9185	122.5994	3.17948
1475	28.0583	970.9137	761.1569	624.1909	122.5994	3.1776
1476	28.0753	896.9025	745.0307	623.4633	122.5994	3.17571
1477	28.0923	903.3745	729.6168	622.7357	122.5994	3.17383
1478	28.1093	794.904	715.2216	622.008	122.5994	3.17195
1479	28.1263	811.3864	702.0446	621.2804	122.5994	3.17007
1480	28.1433	759.2108	690.19	620.5528	122.5994	3.16819
1481	28.1603	713.3723	679.6854	619.8252	122.5994	3.16632
1482	28.1773	759.2749	670.4979	619.0976	122.5994	3.16445
1483	28.1943	738.1357	662.5496	618.37	122.5994	3.16258
1484	28.2113	681.3489	655.7329	617.6423	122.5994	3.16071
1485	28.2283	710.3275	649.9244	616.9147	122.5994	3.15884
1486	28.2453	663.0327	644.9963	616.1871	122.5994	3.15698
1487	28.2623	660.4266	640.8248	615.4595	122.5994	3.15512
1488	28.2793	645.2538	637.2975	614.7319	122.5994	3.15326
1489	28.2963	680.555	634.3115	614.0043	122.5994	3.15141
1490	28.3133	641.8528	631.5666	613.0593	122.5994	3.14955
1491	28.3303	682.5129	629.212	612.1142	122.5994	3.1477
1492	28.3473	621.5716	627.194	611.1692	122.5994	3.14585
1493	28.3643	638.5588	625.4736	610.2242	122.5994	3.14401
1494	28.3813	629.4053	624.0204	609.2792	122.5994	3.14216
1495	28.3983	662.0022	622.8156	608.3342	122.5994	3.14032
1496	28.4153	669.1005	621.8454	607.3892	122.5994	3.13848
1497	28.4323	649.1529	621.1002	606.4442	122.5994	3.13664
1498	28.4493	603.2957	620.5711	605.4992	122.5994	3.13481
1499	28.4663	620.847	620.247	604.5541	122.5994	3.13297
1500	28.4833	647.8709	620.1122	603.6091	122.5994	3.13114
1501	28.5003	666.5826	620.1434	602.6641	122.5994	3.12931
1502	28.5173	641.974	620.306	601.7191	122.5994	3.12749
1503	28.5343	622.8522	620.5513	600.7741	122.5994	3.12566
1504	28.5513	648.4625	620.8131	599.8291	122.5994	3.12384
1505	28.5683	637.9053	621.008	598.8841	122.5994	3.12202
1506	28.5853	656.5487	621.0398	597.9391	122.5994	3.1202
1507	28.6023	692.7437	620.8124	596.994	122.5994	3.11838
1508	28.6193	647.117	620.2467	596.049	122.5994	3.11657
1509	28.6363	601.9216	619.2964	595.104	122.5994	3.11476
1510	28.6533	604.0049	617.9535	594.159	122.5994	3.11295
1511	28.6703	612.8953	616.2427	593.214	122.5994	3.11114
1512	28.6873	592.7943	614.2124	592.269	122.5994	3.10934
1513	28.7043	611.9623	611.9268	591.324	122.5994	3.10753
1514	28.7213	610.3643	609.2668	590.1855	122.5994	3.10573
1515	28.7383	582.1593	606.504	589.047	122.5994	3.10394
1516	28.7553	587.5048	603.7117	587.9085	122.5994	3.10214
1517	28.7723	601.4338	600.9523	586.77	122.5994	3.10034

1518	28.7893	608.3274	598.2737	585.6315	122.5994	3.09855
1519	28.8063	606.8392	595.7089	584.493	122.5994	3.09676
1520	28.8233	588.5342	594.5456	583.3545	122.5994	3.09497
1521	28.8403	574.0549	592.2938	582.216	122.5994	3.09319
1522	28.8573	610.2894	590.1862	581.0775	122.5994	3.09141
1523	28.8743	574.0638	588.2239	579.939	122.5994	3.08962
1524	28.8913	571.6174	587.0081	578.8005	122.5994	3.08784
1525	28.9083	560.9538	585.305	577.662	122.5994	3.08607
1526	28.9253	556.9704	583.7048	576.5235	122.5994	3.08429
1527	28.9423	564.8756	582.1971	575.385	122.5994	3.08252
1528	28.9593	582.8745	580.7632	574.2465	122.5994	3.08075
1529	28.9763	552.194	579.393	573.108	122.5994	3.07898
1530	28.9933	635.2511	578.0757	571.9695	122.5994	3.07721
1531	29.0103	590.4193	576.8024	570.831	122.5994	3.07545
1532	29.0273	554.2163	574.5103	569.6925	122.5994	3.07369
1533	29.0443	570.5183	573.3353	568.554	122.5994	3.07193
1534	29.0613	599.8108	572.1851	567.4155	122.5994	3.07017
1535	29.0783	585.4803	571.0568	566.277	122.5994	3.06841
1536	29.0953	556.841	569.4206	565.1385	122.5994	3.06666
1537	29.1123	552.2603	568.3452	564	122.5994	3.0649
1538	29.1293	555.3019	568.0589	563.6341	122.5994	3.06315
1539	29.1463	595.3711	567.7888	563.2682	122.5994	3.06141
1540	29.1633	590.9442	567.5346	562.9023	122.5994	3.05966
1541	29.1803	559.5416	567.2339	562.5365	122.5994	3.05792
1542	29.1973	573.7701	566.9669	562.1706	122.5994	3.05618
1543	29.2143	560.0191	566.766	561.8047	122.5994	3.05444
1544	29.2313	557.002	566.5828	561.4388	122.5994	3.0527
1545	29.2483	568.6874	566.3867	561.0729	122.5994	3.05096
1546	29.2653	550.8705	566.2179	560.707	122.5994	3.04923
1547	29.2823	568.4987	566.093	560.3411	122.5994	3.0475
1548	29.2993	569.6928	565.988	559.9753	122.5994	3.04577
1549	29.3163	599.7868	565.9031	559.6094	122.5994	3.04404
1550	29.3333	564.9917	565.8386	559.2435	122.5994	3.04231
1551	29.3503	598.1604	565.7953	558.8776	122.5994	3.04059
1552	29.3673	565.3736	565.7742	558.5117	122.5994	3.03887
1553	29.3843	558.7538	565.7776	558.1458	122.5994	3.03715
1554	29.4013	580.0091	565.8092	557.7799	122.5994	3.03543
1555	29.4183	569.0365	565.8738	557.4141	122.5994	3.03372
1556	29.4353	534.8789	565.978	557.0482	122.5994	3.032
1557	29.4523	519.8497	566.1297	556.6823	122.5994	3.03029
1558	29.4693	526.6861	566.3391	556.3164	122.5994	3.02858
1559	29.4863	538.4672	566.6195	555.9505	122.5994	3.02688
1560	29.5033	560.9075	566.9879	555.5846	122.5994	3.02517
1561	29.5203	581.4612	567.4659	555.2188	122.5994	3.02347
1562	29.5373	571.5939	567.959	554.7292	122.5994	3.02177
1563	29.5543	533.4675	568.6284	554.2396	122.5994	3.02007
1564	29.5713	529.7582	569.5232	553.75	122.5994	3.01837
1565	29.5883	544.2596	570.707	553.2604	122.5994	3.01667
1566	29.6053	547.5702	572.2597	552.7708	122.5994	3.01498

1567	29.6223	577.3849	574.2806	552.2813	122.5994	3.01329
1568	29.6393	569.8794	576.8889	551.7917	122.5994	3.0116
1569	29.6563	554.7379	580.2238	551.3021	122.5994	3.00991
1570	29.6733	555.8357	584.4418	550.8125	122.5994	3.00822
1571	29.6903	583.0774	589.7115	550.3229	122.5994	3.00654
1572	29.7073	578.8793	596.2048	549.8333	122.5994	3.00486
1573	29.7243	560.3296	604.0864	549.3438	122.5994	3.00318
1574	29.7413	601.8719	613.3954	548.8542	122.5994	3.0015
1575	29.7583	576.4057	624.4397	548.3646	122.5994	2.99983
1576	29.7753	641.4235	637.1591	547.875	122.5994	2.99815
1577	29.7923	587.024	651.5103	547.3854	122.5994	2.99648
1578	29.8093	631.3171	667.2919	546.8958	122.5994	2.99481
1579	29.8263	630.2599	684.3154	546.4063	122.5994	2.99314
1580	29.8433	674.8261	702.0602	545.9167	122.5994	2.99147
1581	29.8603	655.4603	719.8516	545.4271	122.5994	2.98981
1582	29.8773	672.2147	736.7949	544.9375	122.5994	2.98815
1583	29.8943	753.7638	751.8118	544.4479	122.5994	2.98649
1584	29.9113	693.9514	763.7861	543.9583	122.5994	2.98483
1585	29.9283	731.2426	771.7469	543.4688	122.5994	2.98317
1586	29.9453	751.7836	775.0793	542.9792	122.5994	2.98152
1587	29.9623	716.2685	773.6184	542.4896	122.5994	2.97986
1588	29.9793	741.3665	767.5989	542	122.5994	2.97821
1589	29.9963	743.5241	757.54	541.5104	122.5994	2.97656
1590	30.0133	710.6124	744.1422	541.0208	122.5994	2.97492
1591	30.0303	712.4884	728.2313	540.5313	122.5994	2.97327
1592	30.0473	673.2398	710.7041	540.0417	122.5994	2.97163
1593	30.0643	669.4973	692.4496	539.5521	122.5994	2.96999
1594	30.0813	640.5749	674.2529	539.0625	122.5994	2.96835
1595	30.0983	637.5571	656.7469	538.5729	122.5994	2.96671
1596	30.1153	608.0074	640.3851	538.0833	122.5994	2.96507
1597	30.1323	621.5611	625.4565	537.5938	122.5994	2.96344
1598	30.1493	618.9171	612.1052	537.1042	122.5994	2.96181
1599	30.1663	619.0401	600.3713	536.6146	122.5994	2.96018
1600	30.1833	573.598	590.212	536.125	122.5994	2.95855
1601	30.2003	600.9964	582.4208	535.6354	122.5994	2.95692
1602	30.2173	573.9783	575.0994	535.1458	122.5994	2.9553
1603	30.2343	583.8961	568.9587	534.6563	122.5994	2.95367
1604	30.2513	620.1251	563.8331	534.1667	122.5994	2.95205
1605	30.2683	604.9723	559.9982	533.6771	122.5994	2.95043
1606	30.2853	587.5394	556.4495	533.1875	122.5994	2.94881
1607	30.3023	564.9669	553.4766	532.6979	122.5994	2.9472
1608	30.3193	552.2603	550.9656	532.2083	122.5994	2.94558
1609	30.3363	555.0777	548.8213	531.7188	122.5994	2.94397
1610	30.3533	577.7494	546.8424	531.2292	122.5994	2.94236
1611	30.3703	603.0695	545.0911	530.7396	122.5994	2.94075
1612	30.3873	581.1709	543.5193	529.2500	122.5994	2.93915
1613	30.4043	572.9267	542.09	528.7604	122.5994	2.93754
1614	30.4213	572.6303	540.7751	528.2708	122.5994	2.93594
1615	30.4383	588.7843	539.5539	527.7812	122.5994	2.93434

1616	30.4553	538.8211	538.4087	527.4258	122.5994	2.93274
1617	30.4723	566.8176	537.3312	526.8125	122.5994	2.93114
1618	30.4893	580.8209	536.3105	526.1992	122.5994	2.92955
1619	30.5063	553.7121	535.34	525.5859	122.5994	2.92795
1620	30.5233	620.6015	534.4142	524.9727	122.5994	2.92636
1621	30.5403	609.4636	533.5416	524.3594	122.5994	2.92477
1622	30.5573	618.2082	532.6942	523.7461	122.5994	2.92318
1623	30.5743	615.5514	531.8815	523.1328	122.5994	2.9216
1624	30.5913	610.4927	531.1015	522.5195	122.5994	2.92001
1625	30.6083	600.7583	530.3527	521.9063	122.5994	2.91843
1626	30.6253	576.8859	529.6404	521.293	122.5994	2.91685
1627	30.6423	585.5106	528.9509	520.6797	122.5994	2.91527
1628	30.6593	561.5034	528.2902	520.0664	122.5994	2.91369
1629	30.6763	534.4217	527.6581	519.4531	122.5994	2.91211
1630	30.6933	560.0025	527.0549	518.8398	122.5994	2.91054
1631	30.7103	526.4242	526.4814	518.2266	122.5994	2.90897
1632	30.7273	494.5165	525.9384	517.6133	122.5994	2.9074
1633	30.7443	512.8594	525.4272	517	122.5994	2.90583
1634	30.7613	530.2676	525.6046	517.0416	122.5994	2.90426
1635	30.7783	540.4587	525.8181	517.0832	122.5994	2.9027
1636	30.7953	548.8592	526.0703	517.1248	122.5994	2.90113
1637	30.8123	532.6952	526.3651	517.1663	122.5994	2.89957
1638	30.8293	533.1328	526.707	517.2079	122.5994	2.89801
1639	30.8463	555.6724	527.1021	517.2495	122.5994	2.89645
1640	30.8633	584.6796	527.5583	517.2911	122.5994	2.89489
1641	30.8803	581.6648	528.0864	517.3327	122.5994	2.89334
1642	30.8973	562.2377	528.7005	517.3743	122.5994	2.89179
1643	30.9143	608.4536	529.4197	517.4159	122.5994	2.89023
1644	30.9313	626.2886	530.2698	517.4574	122.5994	2.88868
1645	30.9483	617.5269	531.9689	517.499	122.5994	2.88714
1646	30.9653	635.9955	533.2145	517.5406	122.5994	2.88559
1647	30.9823	655.8383	534.7285	517.5822	122.5994	2.88405
1648	30.9993	679.8756	536.5828	517.6238	122.5994	2.8825
1649	31.0163	677.3886	539.1963	517.6654	122.5994	2.88096
1650	31.0333	658.0383	542.0153	517.7069	122.5994	2.87942
1651	31.0503	645.1744	544.2419	517.7485	122.5994	2.87788
1652	31.0673	653.7738	548.4958	517.7901	122.5994	2.87635
1653	31.0843	624.4106	553.6271	517.8317	122.5994	2.87481
1654	31.1013	605.1205	559.7477	517.8733	122.5994	2.87328
1655	31.1183	608.3339	566.3298	517.9149	122.5994	2.87175
1656	31.1353	588.414	574.6962	517.9565	122.5994	2.87022
1657	31.1523	621.423	584.2224	517.998	122.5994	2.86869
1658	31.1693	628.7619	594.6844	517.8612	122.5994	2.86717
1659	31.1863	596.8552	606.1337	517.7243	122.5994	2.86564
1660	31.2033	606.1005	618.3389	517.5874	122.5994	2.86412
1661	31.2203	614.981	630.9449	517.4505	122.5994	2.8626
1662	31.2373	629.8219	643.4456	517.3136	122.5994	2.86108
1663	31.2543	627.4209	655.1878	517.1768	122.5994	2.85956
1664	31.2713	625.0117	665.4161	517.0399	122.5994	2.85805

1665	31.2883	641.2026	673.3722	516.903	122.5994	2.85653
1666	31.3053	666.3245	678.4487	516.7661	122.5994	2.85502
1667	31.3223	636.2256	680.311	516.6292	122.5994	2.85351
1668	31.3393	643.1661	679.0317	516.4924	122.5994	2.852
1669	31.3563	645.1721	674.6401	516.3555	122.5994	2.85049
1670	31.3733	659.1328	667.6147	516.2186	122.5994	2.84899
1671	31.3903	599.787	658.4354	516.0817	122.5994	2.84748
1672	31.4073	600.035	647.7061	515.9448	122.5994	2.84598
1673	31.4243	619.4619	635.9348	515.8079	122.5994	2.84448
1674	31.4413	660.3684	623.7633	515.6711	122.5994	2.84298
1675	31.4583	596.0958	611.72	515.5342	122.5994	2.84148
1676	31.4753	632.8937	600.2253	515.3973	122.5994	2.83999
1677	31.4923	580.5258	589.5781	515.2604	122.5994	2.83849
1678	31.5093	576.7425	579.9636	515.1235	122.5994	2.837
1679	31.5263	584.6456	571.4722	514.9867	122.5994	2.83551
1680	31.5433	571.2597	564.1201	514.8498	122.5994	2.83402
1681	31.5603	543.8143	557.8651	514.7129	122.5994	2.83253
1682	31.5773	574.3962	552.6279	514.576	122.5994	2.83105
1683	31.5943	573.8239	548.3037	514.4391	122.5994	2.82956
1684	31.6113	595.8929	544.7753	514.3022	122.5994	2.82808
1685	31.6283	557.3129	541.9258	514.1654	122.5994	2.8266
1686	31.6453	540.5345	539.6481	514.0285	122.5994	2.82512
1687	31.6623	536.1855	537.8506	513.8916	122.5994	2.82364
1688	31.6793	540.1348	536.4604	513.7547	122.5994	2.82216
1689	31.6963	535.0994	535.4244	513.6178	122.5994	2.82069
1690	31.7133	544.5708	534.7086	513.481	122.5994	2.81922
1691	31.7303	536.9616	534.2999	513.3441	122.5994	2.81774
1692	31.7473	515.7782	534.2054	513.2072	122.5994	2.81627
1693	31.7643	532.6413	534.4509	513.0703	122.5994	2.81481
1694	31.7813	538.3213	535.08	512.9334	122.5994	2.81334
1695	31.7983	526.2177	536.1515	512.7965	122.5994	2.81187
1696	31.8153	529.5998	537.7376	512.6597	122.5994	2.81041
1697	31.8323	555.107	539.9206	512.5228	122.5994	2.80895
1698	31.8493	526.5545	542.7887	512.3859	122.5994	2.80749
1699	31.8663	527.2117	546.4299	512.249	122.5994	2.80603
1700	31.8833	546.6067	550.9265	512.1121	122.5994	2.80457
1701	31.9003	543.4808	556.3433	511.9753	122.5994	2.80311
1702	31.9173	511.8553	562.7198	511.8384	122.5994	2.80166
1703	31.9343	537.2133	570.0572	511.7015	122.5994	2.80021
1704	31.9513	540.7069	578.3055	511.5646	122.5994	2.79876
1705	31.9683	553.8602	587.3478	511.4277	122.5994	2.79731
1706	31.9853	589.6197	596.8032	511.1124	122.5994	2.79586
1707	32.0023	596.7367	606.542	510.797	122.5994	2.79441
1708	32.0193	591.8923	616.1354	510.4817	122.5994	2.79297
1709	32.0363	590.4334	625.0432	510.1663	122.5994	2.79152
1710	32.0533	586.8274	632.6467	509.851	122.5994	2.79008
1711	32.0703	574.1432	638.3546	509.5356	122.5994	2.78864
1712	32.0873	559.5521	641.716	509.2203	122.5994	2.7872
1713	32.1043	622.3016	642.5101	508.9049	122.5994	2.78577

1714	32.1213	564.0013	640.759	508.5896	122.5994	2.78433
1715	32.1383	594.5143	636.6681	508.2743	122.5994	2.7829
1716	32.1553	636.0641	630.554	507.9589	122.5994	2.78147
1717	32.1723	598.9323	622.805	507.6436	122.5994	2.78003
1718	32.1893	532.6947	613.8615	507.3282	122.5994	2.7786
1719	32.2063	583.6003	604.2089	507.0129	122.5994	2.77718
1720	32.2233	520.8042	594.3162	506.6975	122.5994	2.77575
1721	32.2403	520.1335	584.6116	506.3822	122.5994	2.77433
1722	32.2573	547.3697	575.4274	506.0668	122.5994	2.7729
1723	32.2743	543.7954	567.0085	505.7515	122.5994	2.77148
1724	32.2913	561.0797	559.5037	505.4361	122.5994	2.77006
1725	32.3083	547.0309	552.9855	505.1208	122.5994	2.76864
1726	32.3253	499.4379	547.4693	504.8054	122.5994	2.76722
1727	32.3423	517.7516	542.9258	504.4901	122.5994	2.76581
1728	32.3593	529.3386	539.2859	504.1747	122.5994	2.76439
1729	32.3763	511.13	536.4567	503.8594	122.5994	2.76298
1730	32.3933	533.5588	534.1068	503.3236	122.5994	2.76157
1731	32.4103	525.5742	532.3381	502.7878	122.5994	2.76016
1732	32.4273	500.5374	530.1537	502.252	122.5994	2.75875
1733	32.4443	506.0564	529.1441	501.7161	122.5994	2.75735
1734	32.4613	500.5606	528.2902	501.1803	122.5994	2.75594
1735	32.4783	510.0746	527.4601	500.6445	122.5994	2.75454
1736	32.4953	495.8678	526.1144	500.1087	122.5994	2.75313
1737	32.5123	499.7404	525.0488	499.5729	122.5994	2.75173
1738	32.5293	487.9544	523.7795	499.0371	122.5994	2.75033
1739	32.5463	498.1862	522.2977	498.5013	122.5994	2.74894
1740	32.5633	502.2653	520.6158	497.9655	122.5994	2.74754
1741	32.5803	511.2781	518.7624	497.4297	122.5994	2.74615
1742	32.5973	497.9995	516.7758	496.8939	122.5994	2.74475
1743	32.6143	480.041	514.7036	496.3581	122.5994	2.74336
1744	32.6313	470.8448	512.6427	495.8223	122.5994	2.74197
1745	32.6483	508.7144	510.5497	495.2865	122.5994	2.74058
1746	32.6653	537.7721	508.5118	494.7507	122.5994	2.73919
1747	32.6823	498.0852	506.5598	494.2148	122.5994	2.73781
1748	32.6993	496.9945	504.716	493.679	122.5994	2.73642
1749	32.7163	477.6413	503.0038	493.1432	122.5994	2.73504
1750	32.7333	461.8847	501.4059	492.6074	122.5994	2.73366
1751	32.7503	486.5957	499.9317	492.0716	122.5994	2.73228
1752	32.7673	509.508	498.5761	491.5358	122.5994	2.7309
1753	32.7843	505.8167	497.3305	491	122.5994	2.72952
1754	32.8013	464.1494	496.9846	491.2708	122.5994	2.72815
1755	32.8183	484.8892	496.7342	491.5417	122.5994	2.72677
1756	32.8353	483.7877	496.5608	491.8125	122.5994	2.7254
1757	32.8523	511.1602	496.4536	492.0833	122.5994	2.72403
1758	32.8693	480.4305	496.4022	492.3542	122.5994	2.72266
1759	32.8863	496.443	496.3988	492.625	122.5994	2.72129
1760	32.9033	475.5604	496.4329	492.8958	122.5994	2.71992
1761	32.9203	521.3173	496.4988	493.1667	122.5994	2.71856
1762	32.9373	496.8802	496.591	493.4375	122.5994	2.71719

1763	32.9543	472.7823	496.7049	493.7083	122.5994	2.71583
1764	32.9713	508.1629	496.8368	493.9792	122.5994	2.71447
1765	32.9883	480.9719	496.984	494.25	122.5994	2.71311
1766	33.0053	454.2628	497.1442	494.5208	122.5994	2.71175
1767	33.0223	524.3133	497.3157	494.7917	122.5994	2.71039
1768	33.0393	565.703	497.4974	495.0625	122.5994	2.70904
1769	33.0563	525.8789	497.6884	495.3333	122.5994	2.70768
1770	33.0733	563.2594	497.8879	495.6042	122.5994	2.70633
1771	33.0903	583.1798	498.0956	495.875	122.5994	2.70498
1772	33.1073	559.4166	498.3112	496.1458	122.5994	2.70363
1773	33.1243	585.8616	498.5345	496.4167	122.5994	2.70228
1774	33.1413	614.1367	498.7664	496.6875	122.5994	2.70093
1775	33.1583	570.5249	499.005	496.9583	122.5994	2.69958
1776	33.1753	528.7085	499.2511	497.2292	122.5994	2.69824
1777	33.1923	560.3846	499.5049	497.5	122.5994	2.6969
1778	33.2093	541.5964	499.0893	497.7708	122.5994	2.69556
1779	33.2263	545.0735	499.378	498.0417	122.5994	2.69422
1780	33.2433	523.2116	499.6726	498.3125	122.5994	2.69288
1781	33.2603	521.1563	499.9733	498.5833	122.5994	2.69154
1782	33.2773	525.9514	499.927	498.8542	122.5994	2.6902
1783	33.2943	533.6998	500.2495	499.125	122.5994	2.68887
1784	33.3113	537.7899	500.5775	499.3958	122.5994	2.68753
1785	33.3283	522.0466	500.9115	499.6667	122.5994	2.6862
1786	33.3453	505.2354	501.2523	499.9375	122.5994	2.68487
1787	33.3623	505.063	501.5967	500.2083	122.5994	2.68354
1788	33.3793	515.2406	501.9529	500.4792	122.5994	2.68221
1789	33.3963	517.5027	502.3172	500.75	122.5994	2.68089
1790	33.4133	485.1081	502.6897	501.0208	122.5994	2.67956
1791	33.4303	471.7072	503.1062	501.2917	122.5994	2.67824
1792	33.4473	495.2896	503.4949	501.5625	122.5994	2.67692
1793	33.4643	504.7469	504.2275	501.8333	122.5994	2.6756
1794	33.4813	505.619	504.6433	502.1042	122.5994	2.67428
1795	33.4983	507.1137	505.0681	502.375	122.5994	2.67296
1796	33.5153	505.1164	505.5039	502.6458	122.5994	2.67164
1797	33.5323	516.397	505.9538	502.9167	122.5994	2.67033
1798	33.5493	474.5277	506.4249	503.1875	122.5994	2.66901
1799	33.5663	485.4093	507.2198	503.4583	122.5994	2.6677
1800	33.5833	501.7119	507.7628	503.7292	122.5994	2.66639
1801	33.6003	525.0587	508.3486	504	122.5994	2.66508
1802	33.6173	506.2886	509.5638	504.8516	122.5994	2.66377
1803	33.6343	476.8548	510.8324	505.7032	122.5994	2.66246
1804	33.6513	474.4062	512.1698	506.5548	122.5994	2.66115
1805	33.6683	493.1723	513.5209	507.4064	122.5994	2.65985
1806	33.6853	446.7362	514.9496	508.258	122.5994	2.65855
1807	33.7023	481.0612	516.4127	509.1096	122.5994	2.65724
1808	33.7193	520.0364	517.8905	509.9612	122.5994	2.65594
1809	33.7363	492.0273	519.3569	510.8128	122.5994	2.65464
1810	33.7533	525.823	520.7393	511.6644	122.5994	2.65335
1811	33.7703	503.3415	522.0835	512.516	122.5994	2.65205

1812	33.7873	501.7119	523.316	513.3676	122.5994	2.65075
1813	33.8043	467.0633	524.4136	514.2192	122.5994	2.64946
1814	33.8213	519.7495	525.3658	515.0708	122.5994	2.64817
1815	33.8383	515.0823	526.5809	515.9224	122.5994	2.64687
1816	33.8553	508.3494	527.2665	516.774	122.5994	2.64558
1817	33.8723	542.952	527.8339	517.6257	122.5994	2.6443
1818	33.8893	488.2316	528.5192	518.4773	122.5994	2.64301
1819	33.9063	531.6576	528.9205	519.3289	122.5994	2.64172
1820	33.9233	546.5923	529.2745	520.1805	122.5994	2.64044
1821	33.9403	518.8372	529.8155	521.0321	122.5994	2.63915
1822	33.9573	558.3582	530.1609	521.8837	122.5994	2.63787
1823	33.9743	541.8957	531.3377	522.7353	122.5994	2.63659
1824	33.9913	542.5102	531.7773	523.5869	122.5994	2.63531
1825	34.0083	555.7493	532.2725	524.4385	122.5994	2.63403
1826	34.0253	545.9866	532.64	525.099	122.5994	2.63275
1827	34.0423	531.7387	533.5361	525.7595	122.5994	2.63148
1828	34.0593	529.6644	534.0546	526.42	122.5994	2.6302
1829	34.0763	519.9469	534.6425	527.0805	122.5994	2.62893
1830	34.0933	536.5528	535.2984	527.741	122.5994	2.62766
1831	34.1103	555.0058	536.02	528.4015	122.5994	2.62639
1832	34.1273	577.1445	536.8459	529.062	122.5994	2.62512
1833	34.1443	568.8876	537.7167	529.7225	122.5994	2.62385
1834	34.1613	575.1945	538.713	530.383	122.5994	2.62258
1835	34.1783	557.286	539.6852	531.0435	122.5994	2.62132
1836	34.1953	580.2295	540.7213	531.704	122.5994	2.62005
1837	34.2123	588.0368	541.8268	532.3645	122.5994	2.61879
1838	34.2293	563.8905	543.0109	533.025	122.5994	2.61753
1839	34.2463	556.6016	544.3307	533.6855	122.5994	2.61627
1840	34.2633	573.9318	545.7196	534.346	122.5994	2.61501
1841	34.2803	602.1332	547.2449	535.0065	122.5994	2.61375
1842	34.2973	607.017	548.9374	535.667	122.5994	2.61249
1843	34.3143	595.9531	550.8353	536.3275	122.5994	2.61124
1844	34.3313	596.8214	552.9825	536.988	122.5994	2.60998
1845	34.3483	583.8009	555.4998	537.6485	122.5994	2.60873
1846	34.3653	586.1848	558.3036	538.309	122.5994	2.60748
1847	34.3823	583.4734	561.5196	538.9695	122.5994	2.60623
1848	34.3993	595.2858	565.2057	539.63	122.5994	2.60498
1849	34.4163	603.9342	569.4144	540.2905	122.5994	2.60373
1850	34.4333	612.8429	574.0216	540.7464	122.5994	2.60249
1851	34.4503	631.2249	579.1862	541.2023	122.5994	2.60124
1852	34.4673	626.6804	584.9507	541.6582	122.5994	2.6
1853	34.4843	659.5548	591.2893	542.1141	122.5994	2.59875
1854	34.5013	638.9653	598.1413	542.57	122.5994	2.59751
1855	34.5183	695.028	605.3956	543.0259	122.5994	2.59627
1856	34.5353	650.0762	612.8956	543.4818	122.5994	2.59503
1857	34.5523	703.3877	620.4312	543.9377	122.5994	2.5938
1858	34.5693	662.6659	627.7479	544.3936	122.5994	2.59256
1859	34.5863	680.6742	634.5671	544.8494	122.5994	2.59132
1860	34.6033	756.2543	640.6291	545.3053	122.5994	2.59009

1861	34.6203	681.6762	645.7338	545.7612	122.5994	2.58886
1862	34.6373	707.4323	649.764	546.2171	122.5994	2.58762
1863	34.6543	701.8481	652.7136	546.673	122.5994	2.58639
1864	34.6713	697.0529	654.6345	547.1289	122.5994	2.58516
1865	34.6883	700.8745	655.6391	547.5848	122.5994	2.58394
1866	34.7053	735.2027	655.9166	548.0407	122.5994	2.58271
1867	34.7223	731.7921	655.8713	548.4966	122.5994	2.58148
1868	34.7393	694.5675	655.5621	548.9525	122.5994	2.58026
1869	34.7563	733.4667	655.4966	549.4084	122.5994	2.57904
1870	34.7733	724.3447	656.042	549.8643	122.5994	2.57781
1871	34.7903	703.9166	657.5416	550.3201	122.5994	2.57659
1872	34.8073	697.0708	660.3621	550.776	122.5994	2.57537
1873	34.8243	728.1404	664.6028	551.2319	122.5994	2.57416
1874	34.8413	760.6162	670.2987	551.4907	122.5994	2.57294
1875	34.8583	750.5125	677.7117	551.7494	122.5994	2.57172
1876	34.8753	767.5738	686.795	552.0081	122.5994	2.57051
1877	34.8923	796.9358	697.359	552.2669	122.5994	2.56929
1878	34.9093	820.7154	709.0795	552.5256	122.5994	2.56808
1879	34.9263	799.5743	721.8622	552.7844	122.5994	2.56687
1880	34.9433	799.2466	734.4775	553.0431	122.5994	2.56566
1881	34.9603	794.5985	746.7386	553.3018	122.5994	2.56445
1882	34.9773	786.0072	758.1099	553.5606	122.5994	2.56325
1883	34.9943	826.5463	768.2782	553.8193	122.5994	2.56204
1884	35.0113	840.6072	776.8239	554.0781	122.5994	2.56083
1885	35.0283	832.6478	783.5699	554.3368	122.5994	2.55963
1886	35.0453	838.3619	787.8737	554.5955	122.5994	2.55843
1887	35.0623	854.4593	789.4362	554.8543	122.5994	2.55723
1888	35.0793	868.0167	788.2116	555.113	122.5994	2.55603
1889	35.0963	855.5706	784.239	555.3717	122.5994	2.55483
1890	35.1133	854.4488	777.8063	555.6305	122.5994	2.55363
1891	35.1303	820.0598	769.3823	555.8892	122.5994	2.55243
1892	35.1473	793.0618	759.3521	556.148	122.5994	2.55124
1893	35.1643	781.7763	748.1737	556.4067	122.5994	2.55004
1894	35.1813	790.6255	736.2191	556.6654	122.5994	2.54885
1895	35.1983	778.5034	723.8563	556.9242	122.5994	2.54766
1896	35.2153	726.4052	711.4399	557.1829	122.5994	2.54647
1897	35.2323	704.5265	699.3134	557.4417	122.5994	2.54528
1898	35.2493	663.902	687.5718	557.5178	122.5994	2.54409
1899	35.2663	681.3363	676.5906	557.594	122.5994	2.5429
1900	35.2833	646.6955	666.4784	557.6701	122.5994	2.54171
1901	35.3003	644.4947	657.259	557.7463	122.5994	2.54053
1902	35.3173	659.0818	648.918	557.8224	122.5994	2.53934
1903	35.3343	665.185	641.4172	557.8986	122.5994	2.53816
1904	35.3513	617.7403	634.7203	557.9748	122.5994	2.53698
1905	35.3683	591.3816	628.7841	558.0509	122.5994	2.5358
1906	35.3853	609.8068	623.5649	558.1271	122.5994	2.53462
1907	35.4023	600.0949	619.2754	558.2032	122.5994	2.53344
1908	35.4193	592.7839	615.3149	558.2794	122.5994	2.53226
1909	35.4363	656.4547	611.8763	558.3556	122.5994	2.53109

1910	35.4533	586.3078	608.8837	558.4317	122.5994	2.52991
1911	35.4703	594.5049	606.2639	558.5079	122.5994	2.52874
1912	35.4873	582.7684	604.0593	558.584	122.5994	2.52757
1913	35.5043	561.1064	602.3053	558.6602	122.5994	2.5264
1914	35.5213	564.6487	600.4332	558.7364	122.5994	2.52523
1915	35.5383	605.2407	598.7338	558.8125	122.5994	2.52406
1916	35.5553	602.1137	597.2021	558.8887	122.5994	2.52289
1917	35.5723	587.1714	595.8472	558.9648	122.5994	2.52172
1918	35.5893	576.0768	594.6881	559.041	122.5994	2.52056
1919	35.6063	575.9448	593.7496	559.1172	122.5994	2.51939
1920	35.6233	581.688	593.0641	559.1933	122.5994	2.51823
1921	35.6403	584.8229	592.6673	559.2695	122.5994	2.51707
1922	35.6573	556.9354	592.7428	559.3456	122.5994	2.51591
1923	35.6743	564.5698	593.1534	559.4218	122.5994	2.51475
1924	35.6913	591.6506	593.8288	559.4979	122.5994	2.51359
1925	35.7083	581.8872	594.8934	559.5741	122.5994	2.51243
1926	35.7253	594.3768	596.0654	559.6503	122.5994	2.51127
1927	35.7423	590.2467	597.8818	559.7264	122.5994	2.51012
1928	35.7593	572.1089	600.0067	559.8026	122.5994	2.50896
1929	35.7763	590.6052	602.4581	559.8787	122.5994	2.50781
1930	35.7933	590.6262	605.032	559.9549	122.5994	2.50666
1931	35.8103	590.1865	607.3788	560.0311	122.5994	2.50551
1932	35.8273	583.0711	610.1005	560.1072	122.5994	2.50436
1933	35.8443	559.1609	613.0189	560.1834	122.5994	2.50321
1934	35.8613	565.2436	615.7856	560.2595	122.5994	2.50206
1935	35.8783	575.0073	618.6238	560.3357	122.5994	2.50091
1936	35.8953	547.3192	621.476	560.4119	122.5994	2.49977
1937	35.9123	558.3312	624.592	560.488	122.5994	2.49862
1938	35.9293	555.144	627.8593	560.5642	122.5994	2.49748
1939	35.9463	574.2378	631.3583	560.6403	122.5994	2.49634
1940	35.9633	610.3328	634.8237	560.7165	122.5994	2.4952
1941	35.9803	580.2286	638.2172	560.7927	122.5994	2.49406
1942	35.9973	581.1679	641.3444	560.8688	122.5994	2.49292
1943	36.0143	589.389	643.973	560.945	122.5994	2.49178
1944	36.0313	610.3613	645.8738	561.0211	122.5994	2.49064
1945	36.0483	578.7057	646.886	561.0973	122.5994	2.48951
1946	36.0653	567.1052	646.7693	560.9909	122.5994	2.48837
1947	36.0823	604.5218	645.3511	560.8845	122.5994	2.48724
1948	36.0993	575.3456	643.5317	560.778	122.5994	2.48611
1949	36.1163	615.8784	640.8098	560.6716	122.5994	2.48498
1950	36.1333	634.0065	637.7253	560.5652	122.5994	2.48385
1951	36.1503	583.2349	634.1927	560.4588	122.5994	2.48272
1952	36.1673	530.0703	630.1584	560.3524	122.5994	2.48159
1953	36.1843	585.5715	626.1864	560.2459	122.5994	2.48046
1954	36.2013	609.3074	621.4556	560.1395	122.5994	2.47934
1955	36.2183	575.463	617.6891	560.0331	122.5994	2.47821
1956	36.2353	561.3319	614.2198	559.9267	122.5994	2.47709
1957	36.2523	554.5095	611.2207	559.8203	122.5994	2.47597
1958	36.2693	534.6339	608.6663	559.7138	122.5994	2.47485

1959	36.2863	579.5178	606.351	559.6074	122.5994	2.47372
1960	36.3033	570.5685	605.0141	559.501	122.5994	2.47261
1961	36.3203	565.5693	604.3535	559.3946	122.5994	2.47149
1962	36.3373	556.3308	604.4348	559.2882	122.5994	2.47037
1963	36.3543	529.6211	605.2261	559.1817	122.5994	2.46925
1964	36.3713	520.6651	606.7687	559.0753	122.5994	2.46814
1965	36.3883	544.3621	608.936	558.9689	122.5994	2.46702
1966	36.4053	571.0446	611.9613	558.8625	122.5994	2.46591
1967	36.4223	585.302	615.8141	558.7561	122.5994	2.4648
1968	36.4393	557.0792	620.2151	558.6496	122.5994	2.46369
1969	36.4563	552.4958	625.3345	558.5432	122.5994	2.46258
1970	36.4733	568.6258	631.2074	558.2688	122.5994	2.46147
1971	36.4903	594.001	638.7894	557.9944	122.5994	2.46036
1972	36.5073	625.3584	649.8433	557.7199	122.5994	2.45926
1973	36.5243	644.398	666.7568	557.4455	122.5994	2.45815
1974	36.5413	641.1941	692.8	557.1711	122.5994	2.45705
1975	36.5583	702.807	730.4351	556.8967	122.5994	2.45594
1976	36.5753	809.2508	779.1409	556.6222	122.5994	2.45484
1977	36.5923	850.3686	832.5121	556.3478	122.5994	2.45374
1978	36.6093	919.5714	875.1759	556.0734	122.5994	2.45264
1979	36.6263	977.8253	887.6929	555.799	122.5994	2.45154
1980	36.6433	915.2534	868.4095	555.5245	122.5994	2.45044
1981	36.6603	857.4158	837.059	555.2501	122.5994	2.44934
1982	36.6773	778.811	810.8959	554.9757	122.5994	2.44825
1983	36.6943	748.4303	793.7201	554.7013	122.5994	2.44715
1984	36.7113	797.5009	777.4106	554.4268	122.5994	2.44606
1985	36.7283	771.6311	752.6469	554.1524	122.5994	2.44496
1986	36.7453	694.1035	720.0731	553.878	122.5994	2.44387
1987	36.7623	640.9078	687.7963	553.6036	122.5994	2.44278
1988	36.7793	637.5372	660.9197	553.3292	122.5994	2.44169
1989	36.7963	636.2647	641.0805	553.0547	122.5994	2.4406
1990	36.8133	603.4013	627.6583	552.7803	122.5994	2.43951
1991	36.8303	607.4806	619.2606	552.5059	122.5994	2.43843
1992	36.8473	597.6748	613.9004	552.2315	122.5994	2.43734
1993	36.8643	574.6575	610.4528	551.957	122.5994	2.43626
1994	36.8813	583.8818	607.9647	551.5363	122.5994	2.43517
1995	36.8983	616.6327	606.1444	551.1156	122.5994	2.43409
1996	36.9153	624.7085	604.7643	550.6948	122.5994	2.43301
1997	36.9323	620.2173	603.6835	550.2741	122.5994	2.43193
1998	36.9493	586.8194	602.6438	549.8534	122.5994	2.43085
1999	36.9663	590.383	601.8024	549.4326	122.5994	2.42977
2000	36.9833	610.0624	600.884	549.0119	122.5994	2.42869
2001	37.0003	600.5121	599.7667	548.5911	122.5994	2.42761
2002	37.0173	610.9785	598.3651	548.1704	122.5994	2.42654
2003	37.0343	623.8135	596.7561	547.7497	122.5994	2.42546
2004	37.0513	611.1356	594.7234	547.3289	122.5994	2.42439
2005	37.0683	616.4487	592.412	546.9082	122.5994	2.42331
2006	37.0853	599.5181	589.8719	546.4875	122.5994	2.42224
2007	37.1023	656.2769	587.163	546.0667	122.5994	2.42117

2008	37.1193	657.6195	584.3545	545.646	122.5994	2.4201
2009	37.1363	646.2883	581.6236	545.2253	122.5994	2.41903
2010	37.1533	635.5738	578.5248	544.8045	122.5994	2.41797
2011	37.1703	589.3389	575.946	544.3838	122.5994	2.4169
2012	37.1873	606.8565	573.6039	543.9631	122.5994	2.41583
2013	37.2043	610.697	571.5586	543.5423	122.5994	2.41477
2014	37.2213	600.8629	569.8496	543.1216	122.5994	2.4137
2015	37.2383	635.2724	568.5281	542.7008	122.5994	2.41264
2016	37.2553	605.9733	567.374	542.2801	122.5994	2.41158
2017	37.2723	601.0839	566.7488	541.8594	122.5994	2.41052
2018	37.2893	567.3349	566.3195	541.3073	122.5994	2.40946
2019	37.3063	566.1045	566.2114	540.7552	122.5994	2.4084
2020	37.3233	558.4592	566.3052	540.2031	122.5994	2.40734
2021	37.3403	557.7749	566.5922	539.651	122.5994	2.40628
2022	37.3573	554.3517	566.9968	539.099	122.5994	2.40523
2023	37.3743	566.5822	567.4263	538.5469	122.5994	2.40417
2024	37.3913	563.6391	567.9978	537.9948	122.5994	2.40312
2025	37.4083	564.7279	568.6423	537.4427	122.5994	2.40207
2026	37.4253	585.0641	569.3075	536.8906	122.5994	2.40101
2027	37.4423	569.7846	569.9784	536.3385	122.5994	2.39996
2028	37.4593	566.8963	570.6091	535.7865	122.5994	2.39891
2029	37.4763	594.4615	571.1063	535.2344	122.5994	2.39786
2030	37.4933	601.8789	571.6445	534.6823	122.5994	2.39682
2031	37.5103	603.6594	571.7961	534.1302	122.5994	2.39577
2032	37.5273	601.6674	571.6967	533.5781	122.5994	2.39472
2033	37.5443	593.2916	571.3555	533.026	122.5994	2.39368
2034	37.5613	638.6036	570.824	532.474	122.5994	2.39263
2035	37.5783	624.6342	570.1832	531.9219	122.5994	2.39159
2036	37.5953	650.6881	569.6096	531.3698	122.5994	2.39055
2037	37.6123	619.751	569.0278	530.8177	122.5994	2.38951
2038	37.6293	622.5273	568.3872	530.2656	122.5994	2.38847
2039	37.6463	571.1186	568.2348	529.7135	122.5994	2.38743
2040	37.6633	586.872	568.4293	529.1615	122.5994	2.38639
2041	37.6803	612.3613	569.0493	528.6094	122.5994	2.38535
2042	37.6973	619.5266	570.0055	527.9173	122.5994	2.38431
2043	37.7143	597.0137	571.4532	527.2253	122.5994	2.38328
2044	37.7313	628.4867	573.3608	526.5332	122.5994	2.38224
2045	37.7483	639.9657	575.2018	525.8411	122.5994	2.38121
2046	37.7653	625.0967	577.7224	525.1491	122.5994	2.38018
2047	37.7823	638.7061	580.2637	524.457	122.5994	2.37914
2048	37.7993	582.9058	582.5737	523.765	122.5994	2.37811
2049	37.8163	630.094	584.3864	523.0729	122.5994	2.37708
2050	37.8333	628.2205	585.2856	522.3809	122.5994	2.37605
2051	37.8503	611.2471	585.499	521.6888	122.5994	2.37503
2052	37.8673	607.535	584.8094	520.9967	122.5994	2.374
2053	37.8843	533.0256	583.2794	520.3047	122.5994	2.37297
2054	37.9013	573.3922	580.9066	519.6126	122.5994	2.37195
2055	37.9183	541.8268	578.0569	518.9206	122.5994	2.37092
2056	37.9353	567.4459	574.7396	518.2285	122.5994	2.3699

2057	37.9523	589.2131	571.1221	517.5365	122.5994	2.36888
2058	37.9693	550.5921	567.3765	516.8444	122.5994	2.36786
2059	37.9863	577.5391	563.691	516.1523	122.5994	2.36684
2060	38.0033	548.4649	560.1903	515.4603	122.5994	2.36582
2061	38.0203	532.0603	557.1383	514.7682	122.5994	2.3648
2062	38.0373	524.061	554.5816	514.0762	122.5994	2.36378
2063	38.0543	510.6726	552.5807	513.3841	122.5994	2.36276
2064	38.0713	531.7699	551.1509	512.6921	122.5994	2.36175
2065	38.0883	514.2554	550.2756	512	122.5994	2.36073
2066	38.1053	496.6384	549.6926	511.125	122.5994	2.35972
2067	38.1223	505.7848	549.4939	510.25	122.5994	2.3587
2068	38.1393	530.5026	549.5485	509.375	122.5994	2.35769
2069	38.1563	522.7522	549.7002	508.5	122.5994	2.35668
2070	38.1733	509.2359	549.7861	507.625	122.5994	2.35567
2071	38.1903	526.8323	549.4858	506.75	122.5994	2.35466
2072	38.2073	544.6099	549.0458	505.875	122.5994	2.35365
2073	38.2243	543.4501	548.2375	505	122.5994	2.35264
2074	38.2413	487.9282	547.0609	504.125	122.5994	2.35164
2075	38.2583	485.3886	545.7678	503.25	122.5994	2.35063
2076	38.2753	504.6135	543.8848	502.375	122.5994	2.34963
2077	38.2923	512.3553	541.8624	501.5	122.5994	2.34862
2078	38.3093	512.118	539.6729	500.625	122.5994	2.34762
2079	38.3263	533.5471	537.3899	499.75	122.5994	2.34662
2080	38.3433	536.1658	535.0936	498.875	122.5994	2.34562
2081	38.3603	537.049	532.9692	498	122.5994	2.34462
2082	38.3773	510.023	530.8664	497.125	122.5994	2.34362
2083	38.3943	516.1195	528.9407	496.25	122.5994	2.34262
2084	38.4113	494.0709	527.2245	495.375	122.5994	2.34162
2085	38.4283	484.7709	525.7371	494.5	122.5994	2.34062
2086	38.4453	550.8735	524.4857	493.625	122.5994	2.33963
2087	38.4623	512.8102	523.4695	492.75	122.5994	2.33863
2088	38.4793	539.3401	522.6249	491.875	122.5994	2.33764
2089	38.4963	488.4249	522.063	491	122.5994	2.33664
2090	38.5133	475.6534	521.715	490.125	122.5994	2.33565
2091	38.5303	514.0001	521.5664	489.25	122.5994	2.33466
2092	38.5473	484.3634	521.5901	488.375	122.5994	2.33367
2093	38.5643	551.1277	521.7423	487.5	122.5994	2.33268
2094	38.5813	455.8661	521.9283	486.625	122.5994	2.33169
2095	38.5983	518.9112	522.119	485.75	122.5994	2.3307
2096	38.6153	503.0972	522.7871	484.875	122.5994	2.32972
2097	38.6323	520.6882	522.6257	484	122.5994	2.32873
2098	38.6493	525.275	521.9963	483.125	122.5994	2.32775
2099	38.6663	495.3669	521.0828	482.25	122.5994	2.32676
2100	38.6833	487.686	519.7345	481.375	122.5994	2.32578
2101	38.7003	508.7045	517.9765	480.5	122.5994	2.3248
2102	38.7173	511.5187	515.8371	479.625	122.5994	2.32381
2103	38.7343	482.6805	513.3098	478.75	122.5994	2.32283
2104	38.7513	490.5944	510.5789	477.875	122.5994	2.32185
2105	38.7683	482.8778	507.6392	477	122.5994	2.32087

2106	38.7853	483.4238	504.5593	476.125	122.5994	2.3199
2107	38.8023	488.7595	501.4202	475.25	122.5994	2.31892
2108	38.8193	478.1009	498.29	474.375	122.5994	2.31794
2109	38.8363	469.0387	495.2421	473.5	122.5994	2.31697
2110	38.8533	464.5509	492.3309	472.625	122.5994	2.31599
2111	38.8703	478.6923	489.5914	471.75	122.5994	2.31502
2112	38.8873	473.1029	487.0469	470.875	122.5994	2.31405
2113	38.9043	456.0271	484.7058	470	122.5994	2.31307
2114	38.9213	471.8041	484.1519	470.7083	122.5994	2.3121
2115	38.9383	490.7552	483.8027	471.4167	122.5994	2.31113
2116	38.9553	492.8641	483.3974	472.125	122.5994	2.31016
2117	38.9723	490.3323	483.4149	472.8333	122.5994	2.30919
2118	38.9893	493.7204	483.5955	473.5417	122.5994	2.30823
2119	39.0063	489.1663	483.9275	474.25	122.5994	2.30726
2120	39.0233	498.0361	484.4009	474.9583	122.5994	2.30629
2121	39.0403	505.1812	485.0665	475.6667	122.5994	2.30533
2122	39.0573	507.5516	485.702	476.375	122.5994	2.30436
2123	39.0743	513.6895	486.5795	477.0833	122.5994	2.3034
2124	39.0913	497.1033	487.5929	477.7917	122.5994	2.30244
2125	39.1083	504.0208	488.7511	478.5	122.5994	2.30148
2126	39.1253	491.3907	490.0671	479.2083	122.5994	2.30052
2127	39.1423	480.8	491.5671	479.9167	122.5994	2.29956
2128	39.1593	510.3422	493.3012	480.625	122.5994	2.2986
2129	39.1763	505.6857	495.2022	481.3333	122.5994	2.29764
2130	39.1933	480.2804	497.3409	482.0417	122.5994	2.29668
2131	39.2103	457.4217	499.7399	482.75	122.5994	2.29572
2132	39.2273	486.9708	502.5147	483.4583	122.5994	2.29477
2133	39.2443	516.3533	505.4975	484.1667	122.5994	2.29381
2134	39.2613	536.3638	508.7962	484.875	122.5994	2.29286
2135	39.2783	484.5017	512.4245	485.5833	122.5994	2.29191
2136	39.2953	483.7888	516.4016	486.2917	122.5994	2.29095
2137	39.3123	500.9811	520.7002	487	122.5994	2.29
2138	39.3293	467.3166	525.2185	487.4792	122.5994	2.28905
2139	39.3463	501.7041	529.9181	487.9583	122.5994	2.2881
2140	39.3633	497.2523	534.918	488.4375	122.5994	2.28715
2141	39.3803	493.1923	540.0767	488.9167	122.5994	2.2862
2142	39.3973	500.6468	545.9943	489.3958	122.5994	2.28526
2143	39.4143	487.9077	553.1221	489.875	122.5994	2.28431
2144	39.4313	527.9482	562.8436	490.3542	122.5994	2.28336
2145	39.4483	524.153	577.5255	490.8333	122.5994	2.28242
2146	39.4653	561.7637	600.2702	491.3125	122.5994	2.28148
2147	39.4823	626.6361	633.9938	491.7917	122.5994	2.28053
2148	39.4993	688.3814	679.1819	492.2708	122.5994	2.27959
2149	39.5163	731.3974	731.3791	492.75	122.5994	2.27865
2150	39.5333	790.5059	777.7545	493.2292	122.5994	2.27771
2151	39.5503	816.0968	798.3046	493.7083	122.5994	2.27677
2152	39.5673	749.6783	784.1412	494.1875	122.5994	2.27583
2153	39.5843	662.0007	751.2145	494.6667	122.5994	2.27489
2154	39.6013	620.4327	720.4385	495.1458	122.5994	2.27395

2155	39.6183	626.4064	701.27	495.625	122.5994	2.27302
2156	39.6353	664.6021	690.8259	496.1042	122.5994	2.27208
2157	39.6523	639.3507	677.63	496.5833	122.5994	2.27115
2158	39.6693	611.7335	653.4128	497.0625	122.5994	2.27021
2159	39.6863	581.5517	622.126	497.5417	122.5994	2.26928
2160	39.7033	558.8161	591.85	498.0208	122.5994	2.26835
2161	39.7203	529.5668	567.2255	498.5	122.5994	2.26741
2162	39.7373	515.2802	549.2502	498.7708	122.5994	2.26648
2163	39.7543	487.8106	537.3632	499.0417	122.5994	2.26555
2164	39.7713	485.6217	529.9899	499.3125	122.5994	2.26462
2165	39.7883	524.7932	525.5774	499.5833	122.5994	2.2637
2166	39.8053	498.475	522.8477	499.8542	122.5994	2.26277
2167	39.8223	490.4979	521.0944	500.125	122.5994	2.26184
2168	39.8393	540.8886	519.814	500.3958	122.5994	2.26092
2169	39.8563	514.3293	519.1566	500.6667	122.5994	2.25999
2170	39.8733	506.3389	518.8632	500.9375	122.5994	2.25907
2171	39.8903	493.7564	518.9153	501.2083	122.5994	2.25814
2172	39.9073	503.0016	519.2172	501.4792	122.5994	2.25722
2173	39.9243	517.4879	519.7097	501.75	122.5994	2.2563
2174	39.9413	489.4213	520.51	502.0208	122.5994	2.25538
2175	39.9583	503.7457	521.5911	502.2917	122.5994	2.25446
2176	39.9753	547.6933	522.8012	502.5625	122.5994	2.25354
2177	39.9923	515.3563	524.1682	502.8333	122.5994	2.25262
2178	40.0093	510.1105	525.6473	503.1042	122.5994	2.2517
2179	40.0263	530.4178	527.1867	503.375	122.5994	2.25078
2180	40.0433	529.6055	528.7223	503.6458	122.5994	2.24987
2181	40.0603	537.3162	530.2119	503.9167	122.5994	2.24895
2182	40.0773	538.1884	531.6563	504.1875	122.5994	2.24804
2183	40.0943	538.3117	532.9842	504.4583	122.5994	2.24712
2184	40.1113	520.3404	534.2387	504.7292	122.5994	2.24621
2185	40.1283	501.9803	535.4371	505	122.5994	2.2453
2186	40.1453	501.6539	536.4116	505.0942	122.5994	2.24439
2187	40.1623	498.2953	537.3477	505.1885	122.5994	2.24347
2188	40.1793	522.8398	538.2529	505.2827	122.5994	2.24256
2189	40.1963	497.3563	539.157	505.377	122.5994	2.24166
2190	40.2133	499.0263	540.1403	505.4712	122.5994	2.24075
2191	40.2303	514.8116	541.4604	505.5654	122.5994	2.23984
2192	40.2473	512.002	543.3413	505.6597	122.5994	2.23893
2193	40.2643	517.5668	546.4965	505.7539	122.5994	2.23803
2194	40.2813	515.7117	551.8599	505.8481	122.5994	2.23712
2195	40.2983	561.8357	560.4801	505.9424	122.5994	2.23622
2196	40.3153	575.4419	573.0209	506.0366	122.5994	2.23531
2197	40.3323	576.4066	589.0464	506.1309	122.5994	2.23441
2198	40.3493	637.7233	606.0496	506.2251	122.5994	2.23351
2199	40.3663	655.8019	618.4194	506.3193	122.5994	2.23261
2200	40.3833	654.1677	620.2404	506.4136	122.5994	2.23171
2201	40.4003	587.3278	612.3594	506.5078	122.5994	2.23081
2202	40.4173	559.3749	601.7127	506.6021	122.5994	2.22991
2203	40.4343	559.9576	593.7057	506.6963	122.5994	2.22901

2204	40.4513	589.4775	589.6613	506.7905	122.5994	2.22811
2205	40.4683	580.7543	587.2698	506.8848	122.5994	2.22721
2206	40.4853	568.2227	582.4584	506.979	122.5994	2.22632
2207	40.5023	543.532	573.6794	507.0732	122.5994	2.22542
2208	40.5193	529.2052	563.1125	507.1675	122.5994	2.22453
2209	40.5363	524.3597	553.2073	507.2617	122.5994	2.22363
2210	40.5533	510.0036	544.9752	507.182	122.5994	2.22274
2211	40.5703	494.9043	538.7858	507.1024	122.5994	2.22185
2212	40.5873	492.7927	534.3187	507.0227	122.5994	2.22096
2213	40.6043	508.9457	530.8582	506.943	122.5994	2.22007
2214	40.6213	508.662	528.4033	506.8634	122.5994	2.21918
2215	40.6383	507.5612	526.4529	506.7837	122.5994	2.21829
2216	40.6553	510.711	524.8679	506.704	122.5994	2.2174
2217	40.6723	510.711	523.5936	506.6243	122.5994	2.21651
2218	40.6893	498.2548	522.6146	506.5447	122.5994	2.21563
2219	40.7063	509.0253	521.3749	506.465	122.5994	2.21474
2220	40.7233	518.7471	520.9984	506.3853	122.5994	2.21385
2221	40.7403	537.4493	520.905	506.3057	122.5994	2.21297
2222	40.7573	532.0202	521.0853	506.226	122.5994	2.21209
2223	40.7743	521.537	521.5211	506.1463	122.5994	2.2112
2224	40.7913	508.5021	522.1859	506.0667	122.5994	2.21032
2225	40.8083	525.7065	523.0424	505.987	122.5994	2.20944
2226	40.8253	541.0847	524.0385	505.9073	122.5994	2.20856
2227	40.8423	547.1436	525.1183	505.8276	122.5994	2.20768
2228	40.8593	501.4222	526.2048	505.748	122.5994	2.2068
2229	40.8763	518.3981	527.2219	505.6683	122.5994	2.20592
2230	40.8933	533.1261	528.1017	505.5886	122.5994	2.20504
2231	40.9103	515.5824	528.8004	505.509	122.5994	2.20417
2232	40.9273	501.7497	529.5167	505.4293	122.5994	2.20329
2233	40.9443	515.6939	529.8428	505.3496	122.5994	2.20241
2234	40.9613	527.4948	530.0265	505.2699	122.5994	2.20154
2235	40.9783	496.348	530.0668	505.1903	122.5994	2.20066
2236	40.9953	488.0667	529.9995	505.1106	122.5994	2.19979
2237	41.0123	524.9587	529.9639	505.0309	122.5994	2.19892
2238	41.0293	498.8989	529.7278	504.9513	122.5994	2.19805
2239	41.0463	537.478	529.421	504.8716	122.5994	2.19718
2240	41.0633	539.2991	529.0455	504.7919	122.5994	2.19631
2241	41.0803	558.2567	528.6112	504.7122	122.5994	2.19544
2242	41.0973	519.4238	528.1204	504.6326	122.5994	2.19457
2243	41.1143	501.8269	527.5835	504.5529	122.5994	2.1937
2244	41.1313	504.0608	527.0369	504.4732	122.5994	2.19283
2245	41.1483	510.8281	526.475	504.3936	122.5994	2.19196
2246	41.1653	527.641	525.9321	504.3139	122.5994	2.1911
2247	41.1823	549.7374	525.3735	504.2342	122.5994	2.19023
2248	41.1993	501.4562	524.9488	504.1545	122.5994	2.18937
2249	41.2163	510.564	524.5948	504.0749	122.5994	2.18851
2250	41.2333	544.1869	524.318	503.9952	122.5994	2.18764
2251	41.2503	507.2811	524.1579	503.9155	122.5994	2.18678
2252	41.2673	499.7897	524.0264	503.8359	122.5994	2.18592

2253	41.2843	497.966	523.9111	503.7562	122.5994	2.18506
2254	41.3013	530.7644	523.8405	503.6765	122.5994	2.1842
2255	41.3183	545.2869	523.7288	503.5968	122.5994	2.18334
2256	41.3353	547.5075	523.5248	503.5172	122.5994	2.18248
2257	41.3523	530.1805	523.189	503.4375	122.5994	2.18162
2258	41.3693	515.2406	522.9326	503.1839	122.5994	2.18076
2259	41.3863	531.3498	522.1401	502.9303	122.5994	2.17991
2260	41.4033	523.5135	521.1962	502.6768	122.5994	2.17905
2261	41.4203	539.6663	520.1588	502.4232	122.5994	2.1782
2262	41.4373	524.1545	519.2097	502.1696	122.5994	2.17734
2263	41.4543	515.3041	518.0014	501.916	122.5994	2.17649
2264	41.4713	516.645	516.9481	501.6624	122.5994	2.17564
2265	41.4883	508.9143	515.6123	501.4089	122.5994	2.17478
2266	41.5053	499.6221	514.224	501.1553	122.5994	2.17393
2267	41.5223	487.3097	512.9818	500.9017	122.5994	2.17308
2268	41.5393	483.9536	511.8043	500.6481	122.5994	2.17223
2269	41.5563	501.8427	510.8059	500.3945	122.5994	2.17138
2270	41.5733	543.9416	509.8016	500.141	122.5994	2.17053
2271	41.5903	502.1822	508.7883	499.8874	122.5994	2.16969
2272	41.6073	489.0804	508.0241	499.6338	122.5994	2.16884
2273	41.6243	492.2834	507.3728	499.3802	122.5994	2.16799
2274	41.6413	509.1516	506.8335	499.1266	122.5994	2.16715
2275	41.6583	506.5257	506.4047	498.873	122.5994	2.1663
2276	41.6753	510.6004	506.0853	498.6195	122.5994	2.16546
2277	41.6923	480.4622	505.8729	498.3659	122.5994	2.16461
2278	41.7093	483.921	505.7393	498.1123	122.5994	2.16377
2279	41.7263	488.9332	505.7692	497.8587	122.5994	2.16293
2280	41.7433	529.4003	505.9322	497.6051	122.5994	2.16209
2281	41.7603	537.3985	506.2431	497.3516	122.5994	2.16124
2282	41.7773	522.2299	506.5504	496.9268	122.5994	2.1604
2283	41.7943	499.1596	507.0459	496.502	122.5994	2.15957
2284	41.8113	514.1413	507.7597	496.0771	122.5994	2.15873
2285	41.8283	503.7619	508.7173	495.6523	122.5994	2.15789
2286	41.8453	498.1036	509.9445	495.2275	122.5994	2.15705
2287	41.8623	547.633	511.4644	494.8027	122.5994	2.15621
2288	41.8793	548.4818	513.2913	494.3779	122.5994	2.15538
2289	41.8963	539.6022	515.4304	493.9531	122.5994	2.15454
2290	41.9133	498.4774	517.8699	493.5283	122.5994	2.15371
2291	41.9303	512.9088	520.5804	493.1035	122.5994	2.15287
2292	41.9473	530.875	523.5059	492.6787	122.5994	2.15204
2293	41.9643	497.5026	526.5553	492.2539	122.5994	2.15121
2294	41.9813	516.2438	529.6057	491.8291	122.5994	2.15038
2295	41.9983	556.1592	532.5038	491.4043	122.5994	2.14955
2296	42.0153	518.6037	534.9911	490.9795	122.5994	2.14872
2297	42.0323	507.2584	537.0291	490.5547	122.5994	2.14789
2298	42.0493	522.9874	538.4384	490.1299	122.5994	2.14706
2299	42.0663	533.6811	539.1682	489.7051	122.5994	2.14623
2300	42.0833	518.7188	539.2498	489.2803	122.5994	2.1454
2301	42.1003	501.7119	538.7631	488.8555	122.5994	2.14457

2302	42.1173	499.5516	537.7772	488.4307	122.5994	2.14375
2303	42.1343	483.2391	536.4387	488.0059	122.5994	2.14292
2304	42.1513	508.1349	534.8069	487.5811	122.5994	2.1421
2305	42.1683	514.7038	532.9835	487.1562	122.5994	2.14127
2306	42.1853	499.9016	530.8925	486.5339	122.5994	2.14045
2307	42.2023	488.17	528.8763	485.9115	122.5994	2.13963
2308	42.2193	502.3272	527.0445	485.2891	122.5994	2.1388
2309	42.2363	497.6278	525.6457	484.6667	122.5994	2.13798
2310	42.2533	479.3937	524.7691	484.0443	122.5994	2.13716
2311	42.2703	506.6439	524.5319	483.4219	122.5994	2.13634
2312	42.2873	533.114	525.0275	482.7995	122.5994	2.13552
2313	42.3043	524.4704	526.3105	482.1771	122.5994	2.1347
2314	42.3213	492.4131	528.4658	481.5547	122.5994	2.13388
2315	42.3383	523.0767	531.5086	480.9323	122.5994	2.13307
2316	42.3553	548.7844	535.4686	480.3099	122.5994	2.13225
2317	42.3723	532.8604	540.37	479.6875	122.5994	2.13143
2318	42.3893	548.9105	546.402	479.0651	122.5994	2.13062
2319	42.4063	531.859	553.8725	478.4427	122.5994	2.1298
2320	42.4233	520.7403	563.5164	477.8203	122.5994	2.12899
2321	42.4403	593.7115	576.5104	477.1979	122.5994	2.12818
2322	42.4573	609.4346	594.3574	476.5755	122.5994	2.12736
2323	42.4743	663.5489	618.1547	475.9531	122.5994	2.12655
2324	42.4913	738.4638	647.7429	475.3307	122.5994	2.12574
2325	42.5083	767.6104	679.752	474.7083	122.5994	2.12493
2326	42.5253	822.7492	705.9993	474.0859	122.5994	2.12412
2327	42.5423	784.3827	714.7534	473.4635	122.5994	2.12331
2328	42.5593	672.4489	702.1186	472.8411	122.5994	2.1225
2329	42.5763	624.6342	678.4065	472.2188	122.5994	2.12169
2330	42.5933	625.611	655.8478	471.3763	122.5994	2.12089
2331	42.6103	660.7223	640.3129	470.5339	122.5994	2.12008
2332	42.6273	602.35	631.1295	469.6914	122.5994	2.11927
2333	42.6443	631.3031	622.3185	468.849	122.5994	2.11847
2334	42.6613	582.0872	607.0696	468.0065	122.5994	2.11766
2335	42.6783	551.642	585.1288	467.1641	122.5994	2.11686
2336	42.6953	550.8361	561.5029	466.3216	122.5994	2.11605
2337	42.7123	492.6025	540.2609	465.4792	122.5994	2.11525
2338	42.7293	476.4937	523.0903	464.6367	122.5994	2.11445
2339	42.7463	504.573	510.0248	463.7943	122.5994	2.11365
2340	42.7633	497.6915	500.3487	462.9518	122.5994	2.11285
2341	42.7803	484.8354	493.1073	462.1094	122.5994	2.11205
2342	42.7973	488.0461	487.4891	461.2669	122.5994	2.11125
2343	42.8143	469.856	482.9494	460.4245	122.5994	2.11045
2344	42.8313	509.2883	479.1676	459.582	122.5994	2.10965
2345	42.8483	502.326	475.956	458.7396	122.5994	2.10885
2346	42.8653	475.6997	473.2117	457.8971	122.5994	2.10805
2347	42.8823	472.9206	470.8268	457.0547	122.5994	2.10726
2348	42.8993	481.761	468.8417	456.2122	122.5994	2.10646
2349	42.9163	486.1808	467.0269	455.3698	122.5994	2.10567
2350	42.9333	481.5757	465.4293	454.5273	122.5994	2.10487

2351	42.9503	477.2122	464.0155	453.6849	122.5994	2.10408
2352	42.9673	475.1944	462.7645	452.8424	122.5994	2.10329
2353	42.9843	441.9581	461.6419	452	122.5994	2.10249
2354	43.0013	433.2367	461.6846	452.2083	122.5994	2.1017
2355	43.0183	443.691	461.9812	452.4167	122.5994	2.10091
2356	43.0353	448.1072	462.2103	452.625	122.5994	2.10012
2357	43.0523	437.7663	462.506	452.8333	122.5994	2.09933
2358	43.0693	432.6977	462.8517	453.0417	122.5994	2.09854
2359	43.0863	486.7289	463.2305	453.25	122.5994	2.09775
2360	43.1033	489.4738	463.6248	453.4583	122.5994	2.09696
2361	43.1203	453.758	464.0167	453.6667	122.5994	2.09618
2362	43.1373	441.7999	464.4422	453.875	122.5994	2.09539
2363	43.1543	434.191	464.5632	454.0833	122.5994	2.0946
2364	43.1713	464.8405	464.8448	454.2917	122.5994	2.09382
2365	43.1883	456.082	465.0286	454.5	122.5994	2.09303
2366	43.2053	453.6465	465.154	454.7083	122.5994	2.09225
2367	43.2223	423.3024	465.1957	454.9167	122.5994	2.09147
2368	43.2393	455.3412	465.1615	455.125	122.5994	2.09068
2369	43.2563	449.8179	465.0641	455.3333	122.5994	2.0899
2370	43.2733	461.953	464.8136	455.5417	122.5994	2.08912
2371	43.2903	483.8156	464.6337	455.75	122.5994	2.08834
2372	43.3073	437.0232	464.4179	455.9583	122.5994	2.08756
2373	43.3243	455.4026	464.2026	456.1667	122.5994	2.08678
2374	43.3413	498.5367	463.9896	456.375	122.5994	2.086
2375	43.3583	442.2085	463.7748	456.5833	122.5994	2.08522
2376	43.3753	415.7855	463.6127	456.7917	122.5994	2.08444
2377	43.3923	482.879	463.4974	457	122.5994	2.08367
2378	43.4093	471.4768	463.2325	457	122.5994	2.08289
2379	43.4263	450.2043	463.0365	457	122.5994	2.08211
2380	43.4433	452.851	462.9169	457	122.5994	2.08134
2381	43.4603	446.8626	462.8805	457	122.5994	2.08056
2382	43.4773	439.6759	462.955	457	122.5994	2.07979
2383	43.4943	452.7265	463.0678	457	122.5994	2.07902
2384	43.5113	454.1132	463.3116	457	122.5994	2.07824
2385	43.5283	428.9469	463.6538	457	122.5994	2.07747
2386	43.5453	433.5937	464.0953	457	122.5994	2.0767
2387	43.5623	472.5387	464.6329	457	122.5994	2.07593
2388	43.5793	492.9057	465.2612	457	122.5994	2.07516
2389	43.5963	482.7837	465.9904	457	122.5994	2.07439
2390	43.6133	471.765	466.7558	457	122.5994	2.07362
2391	43.6303	468.6856	467.1539	457	122.5994	2.07285
2392	43.6473	463.2438	468.0242	457	122.5994	2.07208
2393	43.6643	479.3943	468.8878	457	122.5994	2.07131
2394	43.6813	477.5504	469.7087	457	122.5994	2.07055
2395	43.6983	464.3575	470.2838	457	122.5994	2.06978
2396	43.7153	469.4229	470.9156	457	122.5994	2.06902
2397	43.7323	451.2991	471.4162	457	122.5994	2.06825
2398	43.7493	450.4207	471.7888	457	122.5994	2.06749
2399	43.7663	469.0959	472.06	457	122.5994	2.06672

2400	43.7833	465.6164	472.0549	457	122.5994	2.06596
2401	43.8003	456.7354	472.2343	457	122.5994	2.0652
2402	43.8173	450.9425	472.1779	456.8333	122.5994	2.06444
2403	43.8343	452.2959	472.2534	456.6667	122.5994	2.06367
2404	43.8513	453.6465	472.4138	456.5	122.5994	2.06291
2405	43.8683	466.2238	472.6987	456.3333	122.5994	2.06215
2406	43.8853	480.6329	473.1471	456.1667	122.5994	2.06139
2407	43.9023	470.666	473.7967	456	122.5994	2.06064
2408	43.9193	463.1117	474.6719	455.8333	122.5994	2.05988
2409	43.9363	497.8942	475.7846	455.6667	122.5994	2.05912
2410	43.9533	469.6764	477.131	455.5	122.5994	2.05836
2411	43.9703	440.4755	478.6896	455.3333	122.5994	2.05761
2412	43.9873	455.3919	480.423	455.1667	122.5994	2.05685
2413	44.0043	493.2046	482.2731	455	122.5994	2.0561
2414	44.0213	493.2672	484.1617	454.8333	122.5994	2.05534
2415	44.0383	451.9832	485.9889	454.6667	122.5994	2.05459
2416	44.0553	499.7148	487.6436	454.5	122.5994	2.05383
2417	44.0723	510.6773	489.012	454.3333	122.5994	2.05308
2418	44.0893	492.6085	489.9949	454.1667	122.5994	2.05233
2419	44.1063	434.3025	490.5167	454	122.5994	2.05158
2420	44.1233	493.9552	490.5352	453.8333	122.5994	2.05083
2421	44.1403	428.8352	490.0438	453.6667	122.5994	2.05008
2422	44.1573	433.358	489.0708	453.5	122.5994	2.04933
2423	44.1743	440.5874	487.668	453.3333	122.5994	2.04858
2424	44.1913	443.6782	485.908	453.1667	122.5994	2.04783
2425	44.2083	479.7992	483.8595	453	122.5994	2.04708
2426	44.2253	436.3241	482.0132	453.2608	122.5994	2.04633
2427	44.2423	456.2	480.0251	453.5216	122.5994	2.04559
2428	44.2593	468.5323	477.9587	453.7825	122.5994	2.04484
2429	44.2763	469.9906	475.8853	454.0433	122.5994	2.04409
2430	44.2933	462.8862	473.8773	454.3041	122.5994	2.04335
2431	44.3103	468.9684	471.9982	454.5649	122.5994	2.0426
2432	44.3273	425.2765	470.2968	454.8258	122.5994	2.04186
2433	44.3443	441.006	468.8084	455.0866	122.5994	2.04112
2434	44.3613	444.9885	467.5516	455.3474	122.5994	2.04037
2435	44.3783	446.2985	466.5016	455.6082	122.5994	2.03963
2436	44.3953	462.2057	467.2587	455.8691	122.5994	2.03889
2437	44.4123	451.7856	466.7506	456.1299	122.5994	2.03815
2438	44.4293	442.2644	466.4544	456.3907	122.5994	2.03741
2439	44.4463	459.1909	466.3499	456.6515	122.5994	2.03667
2440	44.4633	462.7269	466.4143	456.9124	122.5994	2.03593
2441	44.4803	466.5979	466.6067	457.1732	122.5994	2.03519
2442	44.4973	455.1877	466.9268	457.434	122.5994	2.03445
2443	44.5143	437.1358	468.0909	457.6948	122.5994	2.03372
2444	44.5313	438.694	468.5834	457.9556	122.5994	2.03298
2445	44.5483	446.6565	469.0585	458.2165	122.5994	2.03224
2446	44.5653	464.0908	469.5056	458.4773	122.5994	2.03151
2447	44.5823	479.1973	469.8977	458.7381	122.5994	2.03077
2448	44.5993	486.8214	470.2197	458.9989	122.5994	2.03004

2449	44.6163	470.897	470.4702	459.2598	122.5994	2.0293
2450	44.6333	456.2704	470.4727	459.3371	122.5994	2.02857
2451	44.6503	459.7651	470.4458	459.4145	122.5994	2.02784
2452	44.6673	456.0077	470.3546	459.4918	122.5994	2.0271
2453	44.6843	453.6465	470.2292	459.5692	122.5994	2.02637
2454	44.7013	450.4376	470.0776	459.6465	122.5994	2.02564
2455	44.7183	477.0769	469.9099	459.7239	122.5994	2.02491
2456	44.7353	506.0767	469.739	459.8012	122.5994	2.02418
2457	44.7523	491.8477	469.5793	459.8786	122.5994	2.02345
2458	44.7693	473.201	469.4447	459.9559	122.5994	2.02272
2459	44.7863	482.5822	469.3463	460.0333	122.5994	2.02199
2460	44.8033	464.194	469.2914	460.1106	122.5994	2.02127
2461	44.8203	511.6461	469.3997	460.188	122.5994	2.02054
2462	44.8373	502.366	469.4449	460.2653	122.5994	2.01981
2463	44.8543	459.0954	469.4845	460.3427	122.5994	2.01909
2464	44.8713	462.288	469.6276	460.42	122.5994	2.01836
2465	44.8883	467.0474	469.8184	460.4974	122.5994	2.01764
2466	44.9053	491.3206	470.0581	460.5747	122.5994	2.01691
2467	44.9223	457.4003	470.3485	460.6521	122.5994	2.01619
2468	44.9393	514.1491	470.6833	460.7295	122.5994	2.01547
2469	44.9563	503.5577	471.0458	460.8068	122.5994	2.01474
2470	44.9733	513.8522	471.8337	460.8842	122.5994	2.01402
2471	44.9903	474.6771	472.3473	460.9615	122.5994	2.0133
2472	45.0073	500.3589	472.9251	461.0389	122.5994	2.01258
2473	45.0243	516.9572	473.5754	461.1162	122.5994	2.01186
2474	45.0413	524.3597	474.311	461.1936	122.5994	2.01114
2475	45.0583	512.1007	475.1441	461.2709	122.5994	2.01042
2476	45.0753	489.0408	476.0961	461.3483	122.5994	2.0097
2477	45.0923	541.6865	477.4012	461.4256	122.5994	2.00898
2478	45.1093	532.7458	478.6858	461.503	122.5994	2.00826
2479	45.1263	530.1976	480.1981	461.5803	122.5994	2.00755
2480	45.1433	552.197	481.998	461.6577	122.5994	2.00683
2481	45.1603	538.881	484.1646	461.735	122.5994	2.00611
2482	45.1773	533.0803	486.7938	461.8124	122.5994	2.0054
2483	45.1943	548.4506	490.0088	461.8897	122.5994	2.00468
2484	45.2113	534.9738	493.9815	461.9671	122.5994	2.00397
2485	45.2283	542.8379	498.7976	462.0444	122.5994	2.00326
2486	45.2453	532.1733	504.4684	462.1218	122.5994	2.00254
2487	45.2623	535.6546	511.5863	462.1991	122.5994	2.00183
2488	45.2793	530.9993	520.1277	462.2765	122.5994	2.00112
2489	45.2963	540.4811	530.2852	462.3538	122.5994	2.00041
2490	45.3133	563.7543	542.1363	462.4312	122.5994	1.9997
2491	45.3303	572.7709	555.7879	462.5085	122.5994	1.99899
2492	45.3473	566.5146	571.2561	462.5859	122.5994	1.99828
2493	45.3643	553.9936	588.3497	462.6632	122.5994	1.99757
2494	45.3813	592.5169	607.0566	462.7406	122.5994	1.99686
2495	45.3983	614.981	626.8892	462.818	122.5994	1.99615
2496	45.4153	632.2359	647.2814	462.8953	122.5994	1.99544
2497	45.4323	618.8902	667.3909	462.9727	122.5994	1.99473

2498	45.4493	603.0249	685.9965	462.8665	122.5994	1.99403
2499	45.4663	622.4434	702.1191	462.7604	122.5994	1.99332
2500	45.4833	629.9496	714.6528	462.6543	122.5994	1.99262
2501	45.5003	666.4607	722.834	462.5482	122.5994	1.99191
2502	45.5173	630.4616	726.4071	462.4421	122.5994	1.99121
2503	45.5343	641.0633	725.7723	462.3359	122.5994	1.9905
2504	45.5513	636.4431	721.2216	462.2298	122.5994	1.9898
2505	45.5683	666.3373	713.5052	462.1237	122.5994	1.9891
2506	45.5853	643.3033	703.1212	462.0176	122.5994	1.98839
2507	45.6023	658.7911	690.431	461.9115	122.5994	1.98769
2508	45.6193	627.1684	675.774	461.8053	122.5994	1.98699
2509	45.6363	615.3505	659.603	461.6992	122.5994	1.98629
2510	45.6533	576.689	642.506	461.5931	122.5994	1.98559
2511	45.6703	561.7188	625.2474	461.487	122.5994	1.98489
2512	45.6873	575.1687	608.3486	461.3809	122.5994	1.98419
2513	45.7043	541.4898	592.4236	461.2747	122.5994	1.98349
2514	45.7213	516.6502	577.9754	461.1686	122.5994	1.9828
2515	45.7383	532.7132	565.3711	461.0625	122.5994	1.9821
2516	45.7553	526.4542	554.9309	460.9564	122.5994	1.9814
2517	45.7723	542.3347	547.2205	460.8503	122.5994	1.9807
2518	45.7893	540.3796	543.0627	460.7441	122.5994	1.98001
2519	45.8063	558.2689	543.4706	460.638	122.5994	1.97931
2520	45.8233	592.4398	549.3345	460.5319	122.5994	1.97862
2521	45.8403	621.1961	560.7577	460.4258	122.5994	1.97792
2522	45.8573	636.0511	575.7678	460.077	122.5994	1.97723
2523	45.8743	658.6534	589.8575	459.7282	122.5994	1.97654
2524	45.8913	608.3576	595.5798	459.3794	122.5994	1.97585
2525	45.9083	554.8902	589.2255	459.0306	122.5994	1.97515
2526	45.9253	541.3765	576.1733	458.6818	122.5994	1.97446
2527	45.9423	561.4177	564.3041	458.333	122.5994	1.97377
2528	45.9593	559.3721	557.9897	457.9842	122.5994	1.97308
2529	45.9763	569.2798	557.8621	457.6354	122.5994	1.97239
2530	45.9933	572.3434	561.2065	457.2866	122.5994	1.9717
2531	46.0103	566.3822	563.1816	456.9378	122.5994	1.97101
2532	46.0273	562.7249	560.1682	456.589	122.5994	1.97032
2533	46.0443	547.3113	553.2612	456.2402	122.5994	1.96964
2534	46.0613	499.5196	545.5153	455.8914	122.5994	1.96895
2535	46.0783	486.0604	538.7998	455.5426	122.5994	1.96826
2536	46.0953	469.9038	533.6889	455.1938	122.5994	1.96757
2537	46.1123	475.1272	529.9446	454.8451	122.5994	1.96689
2538	46.1293	473.1224	527.123	454.4963	122.5994	1.9662
2539	46.1463	488.9707	524.7535	454.1475	122.5994	1.96552
2540	46.1633	492.3012	522.4976	453.7987	122.5994	1.96483
2541	46.1803	495.5218	520.147	453.4499	122.5994	1.96415
2542	46.1973	460.8333	517.5844	453.1011	122.5994	1.96347
2543	46.2143	452.8364	514.7504	452.7523	122.5994	1.96278
2544	46.2313	454.8594	511.6416	452.4035	122.5994	1.9621
2545	46.2483	444.3915	508.2979	452.0547	122.5994	1.96142
2546	46.2653	473.5915	504.5658	451.4691	122.5994	1.96074

2547	46.2823	487.3949	500.7872	450.8835	122.5994	1.96006
2548	46.2993	464.0543	497.0656	450.2979	122.5994	1.95938
2549	46.3163	440.5008	493.4926	449.7122	122.5994	1.9587
2550	46.3333	465.6681	490.1323	449.1266	122.5994	1.95802
2551	46.3503	437.7017	487.0258	448.541	122.5994	1.95734
2552	46.3673	425.3439	484.1919	447.9554	122.5994	1.95666
2553	46.3843	439.4543	481.6367	447.3698	122.5994	1.95599
2554	46.4013	456.7471	479.3622	446.7842	122.5994	1.95531
2555	46.4183	449.9047	477.3696	446.1986	122.5994	1.95463
2556	46.4353	441.1759	475.6622	445.613	122.5994	1.95396
2557	46.4523	424.4904	474.2412	445.0273	122.5994	1.95328
2558	46.4693	420.8515	473.1101	444.4417	122.5994	1.95261
2559	46.4863	456.0906	472.2752	443.8561	122.5994	1.95193
2560	46.5033	411.2584	471.7252	443.2705	122.5994	1.95126
2561	46.5203	462.6639	471.4525	442.6849	122.5994	1.95058
2562	46.5373	462.1619	471.4308	442.0993	122.5994	1.94991
2563	46.5543	429.6836	471.6171	441.5137	122.5994	1.94924
2564	46.5713	468.4236	471.9466	440.9281	122.5994	1.94857
2565	46.5883	475.2185	472.3356	440.3424	122.5994	1.9479
2566	46.6053	455.3709	472.6859	439.7568	122.5994	1.94722
2567	46.6223	457.7278	471.4327	439.1712	122.5994	1.94655
2568	46.6393	436.2371	471.4308	438.5856	122.5994	1.94588
2569	46.6563	428.6965	471.1222	438	122.5994	1.94521
2570	46.6733	449.0009	470.5901	437.5104	122.5994	1.94455
2571	46.6903	438.1121	469.7697	437.0208	122.5994	1.94388
2572	46.7073	442.2977	468.7144	436.5313	122.5994	1.94321
2573	46.7243	459.9544	467.476	436.0417	122.5994	1.94254
2574	46.7413	478.9102	465.3657	435.5521	122.5994	1.94188
2575	46.7583	457.4054	463.8686	435.0625	122.5994	1.94121
2576	46.7753	451.1157	462.2437	434.5729	122.5994	1.94054
2577	46.7923	437.6647	460.5052	434.0833	122.5994	1.93988
2578	46.8093	440.7066	458.6773	433.5938	122.5994	1.93921
2579	46.8263	460.7867	456.7923	433.1042	122.5994	1.93855
2580	46.8433	445.3596	454.8912	432.6146	122.5994	1.93788
2581	46.8603	424.0828	453.0074	432.125	122.5994	1.93722
2582	46.8773	425.6829	451.1676	431.6354	122.5994	1.93656
2583	46.8943	429.4404	449.4496	431.1458	122.5994	1.9359
2584	46.9113	413.171	447.8395	430.6563	122.5994	1.93523
2585	46.9283	450.9019	446.3574	430.1667	122.5994	1.93457
2586	46.9453	445.3343	445.0317	429.6771	122.5994	1.93391
2587	46.9623	424.4166	443.8818	429.1875	122.5994	1.93325
2588	46.9793	460.9286	442.8451	428.6979	122.5994	1.93259
2589	46.9963	444.5963	441.8304	428.2083	122.5994	1.93193
2590	47.0133	422.7323	441.0611	427.7188	122.5994	1.93127
2591	47.0303	405.4859	440.4111	427.2292	122.5994	1.93061
2592	47.0473	415.2155	439.8587	426.7396	122.5994	1.92996
2593	47.0643	432.9637	439.3913	426.25	122.5994	1.9293
2594	47.0813	453.6152	438.9815	425.7604	122.5994	1.92864
2595	47.0983	447.5472	438.5031	425.2708	122.5994	1.92799

2596	47.1153	455.8092	438.0467	424.7813	122.5994	1.92733
2597	47.1323	458.021	437.5535	424.2917	122.5994	1.92667
2598	47.1493	428.4243	436.9267	423.8021	122.5994	1.92602
2599	47.1663	439.3823	436.1968	423.3125	122.5994	1.92536
2600	47.1833	440.9577	435.3851	422.8229	122.5994	1.92471
2601	47.2003	398.5671	434.2069	422.3333	122.5994	1.92406
2602	47.2173	423.3885	433.2415	421.8438	122.5994	1.9234
2603	47.2343	440.7145	432.2167	421.3542	122.5994	1.92275
2604	47.2513	428.3366	431.1602	420.8646	122.5994	1.9221
2605	47.2683	412.3775	430.0429	420.375	122.5994	1.92145
2606	47.2853	420.621	428.8946	419.8854	122.5994	1.9208
2607	47.3023	429.9434	427.7321	419.3958	122.5994	1.92014
2608	47.3193	447.5519	426.5063	418.9063	122.5994	1.91949
2609	47.3363	429.8801	425.3813	418.4167	122.5994	1.91885
2610	47.3533	438.7948	424.2915	417.9271	122.5994	1.9182
2611	47.3703	425.6232	423.2517	417.4375	122.5994	1.91755
2612	47.3873	430.382	422.2689	416.9479	122.5994	1.9169
2613	47.4043	424.4673	421.3468	416.4583	122.5994	1.91625
2614	47.4213	442.8311	420.486	415.9688	122.5994	1.9156
2615	47.4383	452.6206	419.6346	415.4792	122.5994	1.91496
2616	47.4553	467.9702	418.8911	414.9896	122.5994	1.91431
2617	47.4723	471.7371	418.197	414.5	122.5994	1.91366
2618	47.4893	446.1832	417.348	413.8125	122.5994	1.91302
2619	47.5063	453.7146	416.5348	413.125	122.5994	1.91237
2620	47.5233	439.3977	415.7502	412.4375	122.5994	1.91173
2621	47.5403	431.5489	415.0288	411.75	122.5994	1.91109
2622	47.5573	446.8978	414.2424	411.0625	122.5994	1.91044
2623	47.5743	463.9972	413.5092	410.375	122.5994	1.9098
2624	47.5913	444.5815	412.7863	409.6875	122.5994	1.90916
2625	47.6083	433.3364	412.0741	409	122.5994	1.90851
2626	47.6253	425.9511	411.347	408.3125	122.5994	1.90787
2627	47.6423	400.0772	410.6643	407.625	122.5994	1.90723
2628	47.6593	416.7798	410.0207	406.9375	122.5994	1.90659
2629	47.6763	421.8288	409.3791	406.25	122.5994	1.90595
2630	47.6933	437.3732	408.8286	405.5625	122.5994	1.90531
2631	47.7103	446.1884	408.2439	404.875	122.5994	1.90467
2632	47.7273	420.9741	407.6936	404.1875	122.5994	1.90403
2633	47.7443	434.1154	407.1692	403.5	122.5994	1.9034
2634	47.7613	441.2597	406.5641	402.8125	122.5994	1.90276
2635	47.7783	396.0335	406.1516	402.125	122.5994	1.90212
2636	47.7953	415.5532	405.7902	401.4375	122.5994	1.90148
2637	47.8123	444.6429	405.4807	400.75	122.5994	1.90085
2638	47.8293	407.0158	405.2548	400.0625	122.5994	1.90021
2639	47.8463	419.7941	405.0423	399.375	122.5994	1.89958
2640	47.8633	409.3198	404.8676	398.6875	122.5994	1.89894
2641	47.8803	381.8591	404.7198	398	122.5994	1.89831
2642	47.8973	399.1209	405.6017	398.3958	122.5994	1.89767
2643	47.9143	410.8062	406.5545	398.7917	122.5994	1.89704
2644	47.9313	444.5481	407.4989	399.1875	122.5994	1.89641

2645	47.9483	464.6162	408.4285	399.5833	122.5994	1.89577
2646	47.9653	428.1938	409.3049	399.9792	122.5994	1.89514
2647	47.9823	439.8285	410.198	400.375	122.5994	1.89451
2648	47.9993	453.1612	411.065	400.7708	122.5994	1.89388
2649	48.0163	441.2723	411.8954	401.1667	122.5994	1.89325
2650	48.0333	384.3146	412.6769	401.5625	122.5994	1.89262
2651	48.0503	445.0911	413.3987	401.9583	122.5994	1.89199
2652	48.0673	440.5616	414.0593	402.3542	122.5994	1.89136
2653	48.0843	430.7773	414.6494	402.75	122.5994	1.89073
2654	48.1013	461.3499	415.2271	403.1458	122.5994	1.8901
2655	48.1183	405.3302	415.8005	403.5417	122.5994	1.88947
2656	48.1353	416.1201	416.3952	403.9375	122.5994	1.88884
2657	48.1523	420.4945	417.0307	404.3333	122.5994	1.88822
2658	48.1693	440.956	417.7183	404.7292	122.5994	1.88759
2659	48.1863	432.4421	418.4627	405.125	122.5994	1.88696
2660	48.2033	479.3471	419.2625	405.5208	122.5994	1.88634
2661	48.2203	456.2728	420.1115	405.9167	122.5994	1.88571
2662	48.2373	441.1703	420.9994	406.3125	122.5994	1.88509
2663	48.2543	454.8262	421.9099	406.7083	122.5994	1.88446
2664	48.2713	438.3815	422.8479	407.1042	122.5994	1.88384
2665	48.2883	410.3331	423.7493	407.5	122.5994	1.88322
2666	48.3053	448.0575	424.3337	407.6563	122.5994	1.88259
2667	48.3223	440.6117	424.9523	407.8125	122.5994	1.88197
2668	48.3393	435.8074	425.5577	407.9688	122.5994	1.88135
2669	48.3563	432.6449	426.1658	408.125	122.5994	1.88073
2670	48.3733	432.6712	426.7665	408.2813	122.5994	1.8801
2671	48.3903	457.1793	427.3602	408.4375	122.5994	1.87948
2672	48.4073	458.4692	427.9425	408.5938	122.5994	1.87886
2673	48.4243	443.1905	428.4673	408.75	122.5994	1.87824
2674	48.4413	449.9202	428.894	408.9063	122.5994	1.87762
2675	48.4583	469.1484	429.2556	409.0625	122.5994	1.87701
2676	48.4753	456.2618	429.5143	409.2188	122.5994	1.87639
2677	48.4923	436.1295	429.675	409.375	122.5994	1.87577
2678	48.5093	430.211	429.7476	409.5313	122.5994	1.87515
2679	48.5263	441.4507	429.7615	409.6875	122.5994	1.87453
2680	48.5433	452.1255	429.7429	409.8438	122.5994	1.87392
2681	48.5603	437.0257	429.7089	410	122.5994	1.8733
2682	48.5773	425.6194	429.6646	410.1563	122.5994	1.87269
2683	48.5943	448.1634	429.6024	410.3125	122.5994	1.87207
2684	48.6113	421.5658	429.5107	410.4688	122.5994	1.87145
2685	48.6283	404.98	429.3822	410.625	122.5994	1.87084
2686	48.6453	416.5888	429.2197	410.7813	122.5994	1.87023
2687	48.6623	420.2097	429.036	410.9375	122.5994	1.86961
2688	48.6793	433.791	428.8669	411.0938	122.5994	1.869
2689	48.6963	458.0291	428.7376	411.25	122.5994	1.86839
2690	48.7133	447.7019	428.6715	411.4063	122.5994	1.86777
2691	48.7303	398.4415	428.6808	411.5625	122.5994	1.86716
2692	48.7473	432.3053	428.7657	411.7188	122.5994	1.86655
2693	48.7643	391.9547	428.9133	411.875	122.5994	1.86594

2694	48.7813	414.5309	429.0999	412.0313	122.5994	1.86533
2695	48.7983	452.4297	429.2999	412.1875	122.5994	1.86472
2696	48.8153	420.6626	429.5037	412.3438	122.5994	1.86411
2697	48.8323	404.16	429.6136	412.5	122.5994	1.8635
2698	48.8493	416.0007	429.6208	412.6563	122.5994	1.86289
2699	48.8663	413.6189	429.5002	412.8125	122.5994	1.86228
2700	48.8833	440.3524	429.2458	412.9688	122.5994	1.86168
2701	48.9003	431.9189	428.87	413.125	122.5994	1.86107
2702	48.9173	422.9024	428.4311	413.2813	122.5994	1.86046
2703	48.9343	415.4345	427.8847	413.4375	122.5994	1.85985
2704	48.9513	440.2214	427.2966	413.5938	122.5994	1.85925
2705	48.9683	444.6347	426.6487	413.75	122.5994	1.85864
2706	48.9853	392.3161	425.9611	413.9063	122.5994	1.85804
2707	49.0023	422.4904	425.2431	414.0625	122.5994	1.85743
2708	49.0193	419.2324	424.5092	414.2188	122.5994	1.85683
2709	49.0363	429.5532	423.7809	414.375	122.5994	1.85622
2710	49.0533	430.2178	423.0994	414.5313	122.5994	1.85562
2711	49.0703	428.2658	422.4521	414.6875	122.5994	1.85502
2712	49.0873	427.2569	421.8741	414.8438	122.5994	1.85441
2713	49.1043	402.4585	421.3561	415	122.5994	1.85381
2714	49.1213	408.7314	421.2514	415.4583	122.5994	1.85321
2715	49.1383	425.4015	421.2393	415.9167	122.5994	1.85261
2716	49.1553	428.8978	421.3208	416.375	122.5994	1.85201
2717	49.1723	446.822	421.4947	416.8333	122.5994	1.85141
2718	49.1893	432.6977	421.7545	417.2917	122.5994	1.85081
2719	49.2063	418.821	422.1048	417.75	122.5994	1.85021
2720	49.2233	422.6652	422.4986	418.2083	122.5994	1.84961
2721	49.2403	419.4616	423.0062	418.6667	122.5994	1.84901
2722	49.2573	411.0124	424.7089	419.125	122.5994	1.84841
2723	49.2743	466.5519	425.379	419.5833	122.5994	1.84781
2724	49.2913	451.3119	426.0963	420.0417	122.5994	1.84722
2725	49.3083	428.821	426.8293	420.5	122.5994	1.84662
2726	49.3253	442.0757	427.5936	420.9583	122.5994	1.84602
2727	49.3423	426.1896	428.3513	421.4167	122.5994	1.84543
2728	49.3593	399.9363	429.0816	421.875	122.5994	1.84483
2729	49.3763	426.0955	429.7665	422.3333	122.5994	1.84424
2730	49.3933	447.1187	430.4055	422.7917	122.5994	1.84364
2731	49.4103	415.8053	430.9737	423.25	122.5994	1.84305
2732	49.4273	413.3108	431.4853	423.7083	122.5994	1.84245
2733	49.4443	435.557	431.9452	424.1667	122.5994	1.84186
2734	49.4613	407.9976	432.3101	424.625	122.5994	1.84126
2735	49.4783	444.3774	432.6816	425.0833	122.5994	1.84067
2736	49.4953	418.4123	433.0137	425.5417	122.5994	1.84008
2737	49.5123	444.5881	433.3122	426	122.5994	1.83949
2738	49.5293	408.9621	433.4509	426.3229	122.5994	1.8389
2739	49.5463	407.6445	433.5686	426.6458	122.5994	1.8383
2740	49.5633	434.9401	433.6914	426.9688	122.5994	1.83771
2741	49.5803	379.0664	433.8246	427.2917	122.5994	1.83712
2742	49.5973	443.6205	433.9548	427.6146	122.5994	1.83653

2743	49.6143	445.1673	434.1391	427.9375	122.5994	1.83594
2744	49.6313	440.249	434.3612	428.2604	122.5994	1.83536
2745	49.6483	404.797	434.6059	428.5833	122.5994	1.83477
2746	49.6653	424.6736	434.8958	428.9063	122.5994	1.83418
2747	49.6823	427.4175	435.277	429.2292	122.5994	1.83359
2748	49.6993	415.3604	435.7238	429.5521	122.5994	1.833
2749	49.7163	412.1775	436.2426	429.875	122.5994	1.83242
2750	49.7333	433.7946	436.8403	430.1979	122.5994	1.83183
2751	49.7503	396.0977	437.5228	430.5208	122.5994	1.83124
2752	49.7673	417.688	438.2979	430.8438	122.5994	1.83066
2753	49.7843	428.8547	439.1098	431.1667	122.5994	1.83007
2754	49.8013	438.3615	440.0952	431.4896	122.5994	1.82949
2755	49.8183	422.5728	441.1966	431.8125	122.5994	1.8289
2756	49.8353	435.2027	442.4209	432.1354	122.5994	1.82832
2757	49.8523	423.9114	443.7804	432.4583	122.5994	1.82774
2758	49.8693	439.4425	445.2629	432.7813	122.5994	1.82715
2759	49.8863	443.6203	446.8689	433.1042	122.5994	1.82657
2760	49.9033	442.9109	448.6283	433.4271	122.5994	1.82599
2761	49.9203	447.7773	450.5188	433.75	122.5994	1.82541
2762	49.9373	420.8141	452.3224	433.8607	122.5994	1.82482
2763	49.9543	456.1578	454.2437	433.9714	122.5994	1.82424
2764	49.9713	457.4123	456.2811	434.082	122.5994	1.82366
2765	49.9883	443.0419	458.4424	434.1927	122.5994	1.82308
2766	50.0053	462.1083	460.7333	434.3034	122.5994	1.8225
2767	50.0223	472.9647	463.2691	434.4141	122.5994	1.82192
2768	50.0393	461.9096	466.1015	434.5247	122.5994	1.82134
2769	50.0563	467.5403	469.4977	434.6354	122.5994	1.82076
2770	50.0733	475.3034	473.7641	434.7461	122.5994	1.82019
2771	50.0903	491.1072	479.5738	434.8568	122.5994	1.81961
2772	50.1073	533.2155	488.2744	434.9674	122.5994	1.81903
2773	50.1243	567.4706	502.5505	435.0781	122.5994	1.81845
2774	50.1413	625.4344	526.8837	435.1888	122.5994	1.81788
2775	50.1583	738.1271	567.5063	435.2995	122.5994	1.8173
2776	50.1753	872.8906	630.5978	435.4102	122.5994	1.81672
2777	50.1923	1007.874	718.6907	435.5208	122.5994	1.81615
2778	50.2093	1057.805	825.2278	435.6315	122.5994	1.81557
2779	50.2263	1003.588	927.5662	435.7422	122.5994	1.815
2780	50.2433	857.0669	984.3763	435.8529	122.5994	1.81442
2781	50.2603	698.9908	964.1888	435.9635	122.5994	1.81385
2782	50.2773	645.1929	887.5037	436.0742	122.5994	1.81328
2783	50.2943	622.7955	801.9343	436.1849	122.5994	1.8127
2784	50.3113	669.3566	740.2385	436.2956	122.5994	1.81213
2785	50.3283	748.2637	714.4647	436.4063	122.5994	1.81156
2786	50.3453	771.6624	720.0743	436.2767	122.5994	1.81099
2787	50.3623	691.1732	739.0508	436.1471	122.5994	1.81042
2788	50.3793	617.4174	743.2379	436.0176	122.5994	1.80985
2789	50.3963	548.4902	714.002	435.888	122.5994	1.80927
2790	50.4133	492.5158	660.6191	435.7585	122.5994	1.8087
2791	50.4303	449.6559	603.222	435.6289	122.5994	1.80813

2792	50.4473	457.7988	554.3701	435.4993	122.5994	1.80756
2793	50.4643	452.4062	518.2515	435.3698	122.5994	1.807
2794	50.4813	432.8964	494.1371	435.2402	122.5994	1.80643
2795	50.4983	399.3668	479.005	435.1107	122.5994	1.80586
2796	50.5153	427.1958	469.6664	434.9811	122.5994	1.80529
2797	50.5323	441.2854	463.6346	434.8516	122.5994	1.80472
2798	50.5493	414.3876	459.4127	434.722	122.5994	1.80416
2799	50.5663	393.7357	456.2822	434.5924	122.5994	1.80359
2800	50.5833	422.7257	453.7421	434.4629	122.5994	1.80302
2801	50.6003	449.351	451.7051	434.3333	122.5994	1.80246
2802	50.6173	462.3116	450.1132	434.2038	122.5994	1.80189
2803	50.6343	471.0338	448.9752	434.0742	122.5994	1.80133
2804	50.6513	483.4153	448.3863	433.9447	122.5994	1.80076
2805	50.6683	469.4194	448.3383	433.8151	122.5994	1.8002
2806	50.6853	470.2574	448.7927	433.6855	122.5994	1.79963
2807	50.7023	451.6548	449.5312	433.556	122.5994	1.79907
2808	50.7193	477.8577	449.9429	433.4264	122.5994	1.79851
2809	50.7363	472.9483	449.3908	433.2969	122.5994	1.79794
2810	50.7533	434.4301	447.6027	432.9801	122.5994	1.79738
2811	50.7703	434.8472	445.4134	432.6634	122.5994	1.79682
2812	50.7873	440.8002	443.4776	432.3467	122.5994	1.79626
2813	50.8043	458.0205	442.096	432.0299	122.5994	1.7957
2814	50.8213	435.8779	441.3177	431.7132	122.5994	1.79514
2815	50.8383	430.6377	440.9583	431.3965	122.5994	1.79458
2816	50.8553	442.3206	440.6385	431.0798	122.5994	1.79402
2817	50.8723	429.4244	439.9336	430.763	122.5994	1.79346
2818	50.8893	458.0922	438.7543	430.4463	122.5994	1.7929
2819	50.9063	439.5149	437.379	430.1296	122.5994	1.79234
2820	50.9233	421.4857	436.0796	429.8128	122.5994	1.79178
2821	50.9403	421.6382	434.983	429.4961	122.5994	1.79122
2822	50.9573	403.3044	434.1107	429.1794	122.5994	1.79066
2823	50.9743	413.3966	433.4285	428.8626	122.5994	1.79011
2824	50.9913	429.4806	432.8825	428.5459	122.5994	1.78955
2825	51.0083	442.1756	432.4243	428.2292	122.5994	1.78899
2826	51.0253	448.5838	432.0192	427.9124	122.5994	1.78844
2827	51.0423	425.8997	431.6528	427.5957	122.5994	1.78788
2828	51.0593	393.7218	431.2962	427.279	122.5994	1.78733
2829	51.0763	429.3695	430.9463	426.9622	122.5994	1.78677
2830	51.0933	425.9433	430.5951	426.6455	122.5994	1.78622
2831	51.1103	473.6506	430.2373	426.3288	122.5994	1.78566
2832	51.1273	444.331	429.8704	426.012	122.5994	1.78511
2833	51.1443	433.249	429.4946	425.6953	122.5994	1.78456
2834	51.1613	436.5834	429.0497	425.3786	122.5994	1.784
2835	51.1783	412.616	428.6674	425.0618	122.5994	1.78345
2836	51.1953	404.0756	428.2777	424.7451	122.5994	1.7829
2837	51.2123	392.746	427.8841	424.4284	122.5994	1.78235
2838	51.2293	423.6396	427.4859	424.1117	122.5994	1.78179
2839	51.2463	408.6084	427.0829	423.7949	122.5994	1.78124
2840	51.2633	417.1647	426.6759	423.4782	122.5994	1.78069

2841	51.2803	432.0321	426.2678	423.1615	122.5994	1.78014
2842	51.2973	460.6746	424.6646	422.8447	122.5994	1.77959
2843	51.3143	447.5124	424.3069	422.528	122.5994	1.77904
2844	51.3313	444.931	424.0103	422.2113	122.5994	1.77849
2845	51.3483	476.4951	423.6785	421.8945	122.5994	1.77794
2846	51.3653	440.8089	423.3649	421.5778	122.5994	1.7774
2847	51.3823	424.3193	423.0735	421.2611	122.5994	1.77685
2848	51.3993	432.9467	422.8164	420.9443	122.5994	1.7763
2849	51.4163	447.5219	422.584	420.6276	122.5994	1.77575
2850	51.4333	420.2097	422.3898	420.3109	122.5994	1.77521
2851	51.4503	421.6273	422.2409	419.9941	122.5994	1.77466
2852	51.4673	407.8597	422.17	419.6774	122.5994	1.77411
2853	51.4843	380.5975	422.1341	419.3607	122.5994	1.77357
2854	51.5013	389.6663	422.1679	419.0439	122.5994	1.77302
2855	51.5183	405.1695	422.2773	418.7272	122.5994	1.77248
2856	51.5353	437.0006	422.4724	418.4105	122.5994	1.77193
2857	51.5523	440.4342	422.749	418.0938	122.5994	1.77139
2858	51.5693	428.3257	422.9257	417.5898	122.5994	1.77084
2859	51.5863	402.9121	423.1872	417.0859	122.5994	1.7703
2860	51.6033	390.7611	423.5075	416.582	122.5994	1.76976
2861	51.6203	430.31	423.9125	416.0781	122.5994	1.76921
2862	51.6373	435.4015	424.3637	415.5742	122.5994	1.76867
2863	51.6543	434.0624	424.8305	415.0703	122.5994	1.76813
2864	51.6713	416.3126	425.313	414.5664	122.5994	1.76759
2865	51.6883	402.4579	425.6869	414.0625	122.5994	1.76705
2866	51.7053	427.8917	425.938	413.5586	122.5994	1.7665
2867	51.7223	427.1467	426.02	413.0547	122.5994	1.76596
2868	51.7393	414.6982	425.8939	412.5508	122.5994	1.76542
2869	51.7563	420.7457	425.5653	412.0469	122.5994	1.76488
2870	51.7733	418.428	425.0392	411.543	122.5994	1.76434
2871	51.7903	392.0648	424.3448	411.0391	122.5994	1.7638
2872	51.8073	399.4702	423.5132	410.5352	122.5994	1.76327
2873	51.8243	394.5501	422.5902	410.0313	122.5994	1.76273
2874	51.8413	415.0279	421.7861	409.5273	122.5994	1.76219
2875	51.8583	430.6872	420.6662	409.0234	122.5994	1.76165
2876	51.8753	397.7114	419.4848	408.5195	122.5994	1.76111
2877	51.8923	424.1043	418.2488	408.0156	122.5994	1.76058
2878	51.9093	395.6561	416.9766	407.5117	122.5994	1.76004
2879	51.9263	418.0622	415.6981	407.0078	122.5994	1.7595
2880	51.9433	412.5913	414.4397	406.5039	122.5994	1.75897
2881	51.9603	392.6651	413.2209	406	122.5994	1.75843
2882	51.9773	424.0405	413.1608	406.4688	122.5994	1.7579
2883	51.9943	376.7149	413.0608	406.9375	122.5994	1.75736
2884	52.0113	416.8654	413.0417	407.4063	122.5994	1.75683
2885	52.0283	432.9598	413.1052	407.875	122.5994	1.75629
2886	52.0453	366.8884	413.2495	408.3438	122.5994	1.75576
2887	52.0623	395.1039	413.4709	408.8125	122.5994	1.75523
2888	52.0793	420.6153	413.7693	409.2813	122.5994	1.75469
2889	52.0963	395.3559	414.1243	409.75	122.5994	1.75416

2890	52.1133	412.8869	414.5341	410.2188	122.5994	1.75363
2891	52.1303	391.0786	414.991	410.6875	122.5994	1.7531
2892	52.1473	379.945	415.4892	411.1563	122.5994	1.75257
2893	52.1643	419.8343	416.0268	411.625	122.5994	1.75204
2894	52.1813	411.0312	416.6055	412.0938	122.5994	1.7515
2895	52.1983	428.1816	417.2299	412.5625	122.5994	1.75097
2896	52.2153	417.4002	417.9085	413.0313	122.5994	1.75044
2897	52.2323	416.4114	418.6358	413.5	122.5994	1.74991
2898	52.2493	408.0944	419.4326	413.9688	122.5994	1.74938
2899	52.2663	413.7806	420.2939	414.4375	122.5994	1.74886
2900	52.2833	419.8055	421.2198	414.9063	122.5994	1.74833
2901	52.3003	421.8698	422.2078	415.375	122.5994	1.7478
2902	52.3173	418.0254	423.2528	415.8438	122.5994	1.74727
2903	52.3343	411.8042	424.3458	416.3125	122.5994	1.74674
2904	52.3513	417.9302	425.4715	416.7813	122.5994	1.74622
2905	52.3683	423.9432	426.6331	417.25	122.5994	1.74569
2906	52.3853	449.3659	427.7495	417.7188	122.5994	1.74516
2907	52.4023	425.6083	428.8108	418.1875	122.5994	1.74464
2908	52.4193	405.8865	429.7838	418.6563	122.5994	1.74411
2909	52.4363	394.9084	430.646	419.125	122.5994	1.74359
2910	52.4533	419.4075	431.3919	419.5938	122.5994	1.74306
2911	52.4703	433.2973	432.0341	420.0625	122.5994	1.74254
2912	52.4873	423.323	432.6899	420.5313	122.5994	1.74201
2913	52.5043	396.5558	433.2168	421	122.5994	1.74149
2914	52.5213	411.3319	433.6958	421.4688	122.5994	1.74096
2915	52.5383	415.8462	434.156	421.9375	122.5994	1.74044
2916	52.5553	414.9805	434.6071	422.4063	122.5994	1.73992
2917	52.5723	440.8944	435.0604	422.875	122.5994	1.73939
2918	52.5893	442.9574	435.5346	423.3438	122.5994	1.73887
2919	52.6063	421.4733	436.0577	423.8125	122.5994	1.73835
2920	52.6233	446.4663	436.8189	424.2813	122.5994	1.73783
2921	52.6403	415.8727	437.5659	424.75	122.5994	1.73731
2922	52.6573	421.9519	438.4547	425.2188	122.5994	1.73679
2923	52.6743	446.1523	439.5287	425.6875	122.5994	1.73627
2924	52.6913	457.1013	440.8102	426.1563	122.5994	1.73575
2925	52.7083	438.5934	442.3148	426.625	122.5994	1.73523
2926	52.7253	460.5551	444.0484	427.0938	122.5994	1.73471
2927	52.7423	422.1313	446.052	427.5625	122.5994	1.73419
2928	52.7593	432.3283	448.286	428.0313	122.5994	1.73367
2929	52.7763	462.3001	450.6758	428.5	122.5994	1.73315
2930	52.7933	416.7445	453.1182	428.8125	122.5994	1.73263
2931	52.8103	439.3776	455.7269	429.125	122.5994	1.73212
2932	52.8273	406.3437	458.4995	429.4375	122.5994	1.7316
2933	52.8443	441.7828	461.4002	429.75	122.5994	1.73108
2934	52.8613	443.2432	464.3666	430.0625	122.5994	1.73056
2935	52.8783	400.5865	467.2951	430.375	122.5994	1.73005
2936	52.8953	451.6345	470.1174	430.6875	122.5994	1.72953
2937	52.9123	417.528	472.4457	431	122.5994	1.72902
2938	52.9293	427.6339	474.3372	431.3125	122.5994	1.7285

2939	52.9463	440.9577	475.5991	431.625	122.5994	1.72799
2940	52.9633	435.1862	476.1828	431.9375	122.5994	1.72747
2941	52.9803	423.6103	476.1403	432.25	122.5994	1.72696
2942	52.9973	445.2693	475.5801	432.5625	122.5994	1.72644
2943	53.0143	443.9005	474.6769	432.875	122.5994	1.72593
2944	53.0313	438.263	473.435	433.1875	122.5994	1.72542
2945	53.0483	428.4358	471.9358	433.5	122.5994	1.7249
2946	53.0653	424.737	470.2649	433.8125	122.5994	1.72439
2947	53.0823	442.4977	468.4279	434.125	122.5994	1.72388
2948	53.0993	457.9161	466.4011	434.4375	122.5994	1.72337
2949	53.1163	457.9161	464.2557	434.75	122.5994	1.72286
2950	53.1333	456.093	462.0657	435.0625	122.5994	1.72234
2951	53.1503	437.8308	459.9133	435.375	122.5994	1.72183
2952	53.1673	445.353	457.8992	435.6875	122.5994	1.72132
2953	53.1843	434.2636	456.0323	436	122.5994	1.72081
2954	53.2013	422.0981	454.3956	436.3333	122.5994	1.7203
2955	53.2183	460.1012	452.992	436.6667	122.5994	1.71979
2956	53.2353	445.6576	451.8285	437	122.5994	1.71928
2957	53.2523	447.2327	450.9096	437.3333	122.5994	1.71878
2958	53.2693	467.5935	450.2261	437.6667	122.5994	1.71827
2959	53.2863	448.9631	449.8027	438	122.5994	1.71776
2960	53.3033	450.8679	449.6113	438.3333	122.5994	1.71725
2961	53.3203	431.9686	449.6381	438.6667	122.5994	1.71674
2962	53.3373	429.0996	449.8878	439	122.5994	1.71624
2963	53.3543	444.8818	450.3551	439.3333	122.5994	1.71573
2964	53.3713	446.3156	451.0352	439.6667	122.5994	1.71522
2965	53.3883	465.0492	451.9245	440	122.5994	1.71472
2966	53.4053	450.5149	453.0295	440.3333	122.5994	1.71421
2967	53.4223	462.6164	454.3225	440.6667	122.5994	1.71371
2968	53.4393	448.6088	455.8056	441	122.5994	1.7132
2969	53.4563	452.5652	457.4652	441.3333	122.5994	1.7127
2970	53.4733	424.1598	459.3212	441.6667	122.5994	1.71219
2971	53.4903	473.9335	461.2669	442	122.5994	1.71169
2972	53.5073	432.2857	463.308	442.3333	122.5994	1.71118
2973	53.5243	440.3878	465.4011	442.6667	122.5994	1.71068
2974	53.5413	445.0326	467.5045	443	122.5994	1.71018
2975	53.5583	457.7814	469.5172	443.3333	122.5994	1.70968
2976	53.5753	440.9121	471.486	443.6667	122.5994	1.70917
2977	53.5923	437.5565	473.3228	444	122.5994	1.70867
2978	53.6093	456.1029	475.1679	444.4583	122.5994	1.70817
2979	53.6263	426.5303	476.832	444.9167	122.5994	1.70767
2980	53.6433	454.1648	478.3802	445.375	122.5994	1.70717
2981	53.6603	455.9071	479.8532	445.8333	122.5994	1.70667
2982	53.6773	438.7275	481.2835	446.2917	122.5994	1.70617
2983	53.6943	433.2434	482.6828	446.75	122.5994	1.70567
2984	53.7113	479.6739	484.0336	447.2083	122.5994	1.70517
2985	53.7283	468.2603	485.2635	447.6667	122.5994	1.70467
2986	53.7453	424.3193	486.3781	448.125	122.5994	1.70417
2987	53.7623	433.8005	487.334	448.5833	122.5994	1.70367

2988	53.7793	464.5305	488.0257	449.0417	122.5994	1.70317
2989	53.7963	459.8323	488.4957	449.5	122.5994	1.70267
2990	53.8133	447.2603	488.794	449.9583	122.5994	1.70217
2991	53.8303	486.9526	488.9424	450.4167	122.5994	1.70168
2992	53.8473	487.792	489.0029	450.875	122.5994	1.70118
2993	53.8643	462.2057	489.0052	451.3333	122.5994	1.70068
2994	53.8813	460.6029	488.9512	451.7917	122.5994	1.70019
2995	53.8983	472.5557	488.9682	452.25	122.5994	1.69969
2996	53.9153	470.0255	488.7778	452.7083	122.5994	1.69919
2997	53.9323	450.7918	488.4948	453.1667	122.5994	1.6987
2998	53.9493	466.3892	488.1217	453.625	122.5994	1.6982
2999	53.9663	455.8328	487.6815	454.0833	122.5994	1.69771
3000	53.9833	440.9577	487.1815	454.5417	122.5994	1.69721
3001	54.0003	469.5149	486.6509	455	122.5994	1.69672
3002	54.0173	487.7509	485.9764	455.3233	122.5994	1.69623
3003	54.0343	473.6332	485.3125	455.6466	122.5994	1.69573
3004	54.0513	469.2783	484.6794	455.97	122.5994	1.69524
3005	54.0683	501.9199	484.0958	456.2933	122.5994	1.69475
3006	54.0853	470.916	483.6909	456.6166	122.5994	1.69425
3007	54.1023	459.6405	483.2638	456.9399	122.5994	1.69376
3008	54.1193	469.6513	482.9095	457.2633	122.5994	1.69327
3009	54.1363	483.4763	482.6148	457.5866	122.5994	1.69278
3010	54.1533	485.0892	482.3587	457.9099	122.5994	1.69229
3011	54.1703	497.6339	482.1171	458.2332	122.5994	1.6918
3012	54.1873	453.9871	481.8823	458.5566	122.5994	1.69131
3013	54.2043	458.2099	481.6096	458.8799	122.5994	1.69082
3014	54.2213	441.1278	481.1944	459.2032	122.5994	1.69033
3015	54.2383	433.323	480.9898	459.5265	122.5994	1.68984
3016	54.2553	462.1633	480.6238	459.8499	122.5994	1.68935
3017	54.2723	474.2667	480.237	460.1732	122.5994	1.68886
3018	54.2893	483.3159	479.8429	460.4965	122.5994	1.68837
3019	54.3063	451.6022	479.4642	460.8198	122.5994	1.68788
3020	54.3233	499.609	479.1171	461.1431	122.5994	1.68739
3021	54.3403	467.2453	478.8217	461.4665	122.5994	1.6869
3022	54.3573	488.4564	478.5756	461.7898	122.5994	1.68642
3023	54.3743	462.0162	478.5174	462.1131	122.5994	1.68593
3024	54.3913	454.8854	478.4091	462.4364	122.5994	1.68544
3025	54.4083	478.432	478.3734	462.7598	122.5994	1.68496
3026	54.4253	463.8195	478.2532	462.909	122.5994	1.68447
3027	54.4423	476.2973	478.233	463.0583	122.5994	1.68398
3028	54.4593	449.3969	478.3093	463.2076	122.5994	1.6835
3029	54.4763	460.8464	478.4888	463.3569	122.5994	1.68301
3030	54.4933	520.4465	478.8319	463.5061	122.5994	1.68253
3031	54.5103	498.374	479.1842	463.6554	122.5994	1.68204
3032	54.5273	480.1894	479.5848	463.8047	122.5994	1.68156
3033	54.5443	480.2406	480.0208	463.9539	122.5994	1.68108
3034	54.5613	516.3062	480.4142	464.1032	122.5994	1.68059
3035	54.5783	480.6265	480.7659	464.2525	122.5994	1.68011
3036	54.5953	448.2225	481.0663	464.4018	122.5994	1.67963

3037	54.6123	453.4721	481.3183	464.551	122.5994	1.67914
3038	54.6293	472.4537	481.5522	464.7003	122.5994	1.67866
3039	54.6463	475.1944	481.7846	464.8496	122.5994	1.67818
3040	54.6633	480.3029	482.0461	464.9988	122.5994	1.6777
3041	54.6803	488.4751	482.3542	465.1481	122.5994	1.67722
3042	54.6973	486.4626	482.6993	465.2974	122.5994	1.67674
3043	54.7143	478.1308	483.0317	465.4467	122.5994	1.67625
3044	54.7313	468.7923	483.5278	465.5959	122.5994	1.67577
3045	54.7483	470.8157	484.1021	465.7452	122.5994	1.67529
3046	54.7653	484.4043	484.7762	465.8945	122.5994	1.67481
3047	54.7823	490.4071	485.5846	466.0437	122.5994	1.67433
3048	54.7993	488.4751	487.1741	466.193	122.5994	1.67386
3049	54.8163	493.5276	488.4487	466.3423	122.5994	1.67338
3050	54.8333	486.6911	489.932	466.296	122.5994	1.6729
3051	54.8503	501.8518	492.083	466.2498	122.5994	1.67242
3052	54.8673	521.1328	495.4401	466.2036	122.5994	1.67194
3053	54.8843	565.3649	501.0981	466.1573	122.5994	1.67146
3054	54.9013	616.1613	510.3253	466.1111	122.5994	1.67099
3055	54.9183	633.6693	524.7068	466.0648	122.5994	1.67051
3056	54.9353	664.9707	544.9611	466.0186	122.5994	1.67003
3057	54.9523	637.6429	570.2094	465.9723	122.5994	1.66956
3058	54.9693	594.4247	595.4285	465.9261	122.5994	1.66908
3059	54.9863	616.9422	611.519	465.8798	122.5994	1.6686
3060	55.0033	557.888	609.8128	465.8336	122.5994	1.66813
3061	55.0203	535.0448	593.0334	465.7874	122.5994	1.66765
3062	55.0373	557.87	572.2053	465.7411	122.5994	1.66718
3063	55.0543	600.0135	555.767	465.6949	122.5994	1.6667
3064	55.0713	570.0887	547.7393	465.6486	122.5994	1.66623
3065	55.0883	579.8209	548.6064	465.6024	122.5994	1.66576
3066	55.1053	585.3299	556.2396	465.5561	122.5994	1.66528
3067	55.1223	539.7881	566.1591	465.5099	122.5994	1.66481
3068	55.1393	533.6028	571.9712	465.4636	122.5994	1.66434
3069	55.1563	561.0811	569.6147	465.4174	122.5994	1.66386
3070	55.1733	515.8521	561.1504	465.3712	122.5994	1.66339
3071	55.1903	531.1937	551.4974	465.3249	122.5994	1.66292
3072	55.2073	493.2438	543.5305	465.2787	122.5994	1.66245
3073	55.2243	550.495	538.1033	465.2324	122.5994	1.66197
3074	55.2413	530.2887	534.9044	465.1862	122.5994	1.6615
3075	55.2583	507.4756	533.2023	465.1399	122.5994	1.66103
3076	55.2753	515.3587	532.1792	465.0937	122.5994	1.66056
3077	55.2923	520.3193	531.481	465.0474	122.5994	1.66009
3078	55.3093	540.1057	531.1077	465.0012	122.5994	1.65962
3079	55.3263	532.1034	531.2391	464.955	122.5994	1.65915
3080	55.3433	557.2296	532.4653	464.9087	122.5994	1.65868
3081	55.3603	600.1924	535.4694	464.8625	122.5994	1.65821
3082	55.3773	586.197	540.9592	464.8162	122.5994	1.65774
3083	55.3943	559.7626	549.0291	464.77	122.5994	1.65728
3084	55.4113	569.5732	558.8973	464.7237	122.5994	1.65681
3085	55.4283	553.6851	567.5575	464.6775	122.5994	1.65634

3086	55.4453	533.6077	570.3809	464.6312	122.5994	1.65587
3087	55.4623	516.1592	564.4246	464.585	122.5994	1.65541
3088	55.4793	526.4113	552.635	464.5388	122.5994	1.65494
3089	55.4963	511.0003	540.2368	464.4925	122.5994	1.65447
3090	55.5133	486.4295	530.6743	464.4463	122.5994	1.65401
3091	55.5303	512.5313	525.3506	464.4	122.5994	1.65354
3092	55.5473	562.1848	524.2124	464.3538	122.5994	1.65307
3093	55.5643	548.5413	526.0366	464.3075	122.5994	1.65261
3094	55.5813	519.7901	528.511	464.2613	122.5994	1.65214
3095	55.5983	530.4233	528.6643	464.215	122.5994	1.65168
3096	55.6153	524.5829	525.1978	464.1688	122.5994	1.65121
3097	55.6323	518.1546	519.6669	464.1226	122.5994	1.65075
3098	55.6493	540.3997	514.2067	463.8808	122.5994	1.65028
3099	55.6663	513.2585	510.2625	463.639	122.5994	1.64982
3100	55.6833	486.7906	508.2717	463.3973	122.5994	1.64936
3101	55.7003	474.7714	508.1436	463.1555	122.5994	1.64889
3102	55.7173	486.8016	509.5946	462.9138	122.5994	1.64843
3103	55.7343	512.8662	512.3529	462.672	122.5994	1.64797
3104	55.7513	526.9177	516.1298	462.4302	122.5994	1.64751
3105	55.7683	507.5241	520.8939	462.1885	122.5994	1.64704
3106	55.7853	512.6435	526.5966	461.9467	122.5994	1.64658
3107	55.8023	504.1342	532.9149	461.705	122.5994	1.64612
3108	55.8193	528.8169	539.7849	461.4632	122.5994	1.64566
3109	55.8363	509.8048	546.9573	461.2214	122.5994	1.6452
3110	55.8533	490.2508	554.106	460.9797	122.5994	1.64474
3111	55.8703	529.8666	560.8173	460.7379	122.5994	1.64428
3112	55.8873	512.1447	566.6302	460.4962	122.5994	1.64382
3113	55.9043	532.6146	571.1591	460.2544	122.5994	1.64336
3114	55.9213	520.1833	574.1217	460.0126	122.5994	1.6429
3115	55.9383	566.4734	575.5056	459.7709	122.5994	1.64244
3116	55.9553	542.303	575.3428	459.5291	122.5994	1.64198
3117	55.9723	518.3875	573.9698	459.2874	122.5994	1.64152
3118	55.9893	491.1653	571.6452	459.0456	122.5994	1.64107
3119	56.0063	525.7782	568.5833	458.8038	122.5994	1.64061
3120	56.0233	492.9057	564.864	458.5621	122.5994	1.64015
3121	56.0403	493.9592	560.5897	458.3203	122.5994	1.63969
3122	56.0573	503.8891	555.5401	457.8616	122.5994	1.63924
3123	56.0743	506.7695	549.9871	457.4028	122.5994	1.63878
3124	56.0913	467.3607	544.0421	456.9441	122.5994	1.63832
3125	56.1083	473.7964	538.0225	456.4854	122.5994	1.63787
3126	56.1253	504.738	531.9408	456.0266	122.5994	1.63741
3127	56.1423	552.0687	526.0889	455.5679	122.5994	1.63696
3128	56.1593	488.595	520.4708	455.1091	122.5994	1.6365
3129	56.1763	453.7364	515.4717	454.6504	122.5994	1.63605
3130	56.1933	435.3186	511.0115	454.1917	122.5994	1.63559
3131	56.2103	471.5198	507.0962	453.7329	122.5994	1.63514
3132	56.2273	498.9992	503.7103	453.2742	122.5994	1.63468
3133	56.2443	505.2125	500.8132	452.8154	122.5994	1.63423
3134	56.2613	512.6881	498.3563	452.3567	122.5994	1.63378

3135	56.2783	505.5416	496.3407	451.8979	122.5994	1.63332
3136	56.2953	502.9726	494.5276	451.4392	122.5994	1.63287
3137	56.3123	535.156	492.8397	450.9805	122.5994	1.63242
3138	56.3293	536.2167	491.3525	450.5217	122.5994	1.63196
3139	56.3463	517.7163	489.9433	450.063	122.5994	1.63151
3140	56.3633	500.4513	488.3099	449.6042	122.5994	1.63106
3141	56.3803	491.4094	487.0514	449.1455	122.5994	1.63061
3142	56.3973	487.0549	485.812	448.6868	122.5994	1.63016
3143	56.4143	487.5559	484.6338	448.228	122.5994	1.62971
3144	56.4313	512.6599	483.4958	447.7693	122.5994	1.62926
3145	56.4483	492.5395	482.5119	447.3105	122.5994	1.62881
3146	56.4653	499.059	481.2871	446.6309	122.5994	1.62836
3147	56.4823	486.1945	480.0879	445.9513	122.5994	1.62791
3148	56.4993	478.3043	478.9022	445.2717	122.5994	1.62746
3149	56.5163	492.6384	477.7074	444.5921	122.5994	1.62701
3150	56.5333	483.8991	476.4734	443.9125	122.5994	1.62656
3151	56.5503	472.9041	475.0519	443.2329	122.5994	1.62611
3152	56.5673	446.9993	473.7006	442.5533	122.5994	1.62566
3153	56.5843	444.5086	472.1089	441.8737	122.5994	1.62521
3154	56.6013	459.4953	470.5397	441.1941	122.5994	1.62477
3155	56.6183	451.16	468.8439	440.5145	122.5994	1.62432
3156	56.6353	457.0309	467.2068	439.8349	122.5994	1.62387
3157	56.6523	457.9161	465.6371	439.1553	122.5994	1.62342
3158	56.6693	470.007	464.1754	438.4757	122.5994	1.62298
3159	56.6863	479.1149	462.8412	437.7961	122.5994	1.62253
3160	56.7033	466.9077	461.5941	437.1165	122.5994	1.62209
3161	56.7203	449.6481	460.6175	436.4368	122.5994	1.62164
3162	56.7373	436.1822	459.6538	435.7572	122.5994	1.62119
3163	56.7543	386.8134	458.8027	435.0776	122.5994	1.62075
3164	56.7713	462.5534	458.0435	434.398	122.5994	1.6203
3165	56.7883	466.5152	457.4339	433.7184	122.5994	1.61986
3166	56.8053	463.9863	456.9667	433.0388	122.5994	1.61941
3167	56.8223	440.0506	456.585	432.3592	122.5994	1.61897
3168	56.8393	434.3836	456.3275	431.6796	122.5994	1.61853
3169	56.8563	440.515	456.1306	431	122.5994	1.61808
3170	56.8733	419.942	456.5396	430.9167	122.5994	1.61764
3171	56.8903	429.1668	456.9271	430.8333	122.5994	1.6172
3172	56.9073	420.2241	457.1742	430.75	122.5994	1.61675
3173	56.9243	475.4853	457.2542	430.6667	122.5994	1.61631
3174	56.9413	430.1636	457.1427	430.5833	122.5994	1.61587
3175	56.9583	426.7294	456.8529	430.5	122.5994	1.61543
3176	56.9753	454.3161	456.3973	430.4167	122.5994	1.61499
3177	56.9923	446.7555	455.8598	430.3333	122.5994	1.61454
3178	57.0093	454.4013	455.2819	430.25	122.5994	1.6141
3179	57.0263	443.9134	454.1085	430.1667	122.5994	1.61366
3180	57.0433	462.2057	453.5836	430.0833	122.5994	1.61322
3181	57.0603	444.5939	453.1054	430	122.5994	1.61278
3182	57.0773	435.0327	452.6826	429.9167	122.5994	1.61234
3183	57.0943	445.8025	452.3248	429.8333	122.5994	1.6119

3184	57.1113	449.2407	452.004	429.75	122.5994	1.61146
3185	57.1283	434.6799	451.8435	429.6667	122.5994	1.61102
3186	57.1453	425.5438	451.7671	429.5833	122.5994	1.61058
3187	57.1623	420.5824	451.8907	429.5	122.5994	1.61015
3188	57.1793	401.7682	451.8823	429.4167	122.5994	1.60971
3189	57.1963	447.2421	452.3515	429.3333	122.5994	1.60927
3190	57.2133	484.9788	453.0101	429.25	122.5994	1.60883
3191	57.2303	452.9512	453.8746	429.1667	122.5994	1.60839
3192	57.2473	421.7482	455.0213	429.0833	122.5994	1.60796
3193	57.2643	427.4226	456.5529	429	122.5994	1.60752
3194	57.2813	421.0384	458.5454	428.7917	122.5994	1.60708
3195	57.2983	434.1776	461.1654	428.5833	122.5994	1.60665
3196	57.3153	434.7334	464.3459	428.375	122.5994	1.60621
3197	57.3323	445.4665	467.5407	428.1667	122.5994	1.60578
3198	57.3493	449.4999	469.6535	427.9583	122.5994	1.60534
3199	57.3663	449.3969	469.5992	427.75	122.5994	1.6049
3200	57.3833	439.0085	467.6003	427.5417	122.5994	1.60447
3201	57.4003	462.1178	465.0659	427.3333	122.5994	1.60403
3202	57.4173	477.9146	463.0068	427.125	122.5994	1.6036
3203	57.4343	452.6669	461.9109	426.9167	122.5994	1.60317
3204	57.4513	422.6419	461.863	426.7083	122.5994	1.60273
3205	57.4683	435.8431	462.6627	426.5	122.5994	1.6023
3206	57.4853	440.789	463.8692	426.2917	122.5994	1.60186
3207	57.5023	396.91	464.6832	426.0833	122.5994	1.60143
3208	57.5193	420.2205	464.6432	425.875	122.5994	1.601
3209	57.5363	425.1286	463.3858	425.6667	122.5994	1.60057
3210	57.5533	452.495	461.6093	425.4583	122.5994	1.60013
3211	57.5703	429.3896	459.8187	425.25	122.5994	1.5997
3212	57.5873	440.2156	458.2733	425.0417	122.5994	1.59927
3213	57.6043	435.8611	457.0271	424.8333	122.5994	1.59884
3214	57.6213	461.746	456.0549	424.625	122.5994	1.59841
3215	57.6383	452.7667	455.2518	424.4167	122.5994	1.59798
3216	57.6553	424.4166	454.4803	424.2083	122.5994	1.59755
3217	57.6723	424.3193	453.7603	424	122.5994	1.59711
3218	57.6893	424.4166	452.9754	423.7917	122.5994	1.59668
3219	57.7063	433.39	452.2216	423.5833	122.5994	1.59625
3220	57.7233	465.5937	451.4701	423.375	122.5994	1.59582
3221	57.7403	475.3034	450.7525	423.1667	122.5994	1.5954
3222	57.7573	456.004	450.0911	422.9583	122.5994	1.59497
3223	57.7743	416.1393	449.5091	422.75	122.5994	1.59454
3224	57.7913	425.7522	448.9924	422.5417	122.5994	1.59411
3225	57.8083	431.5138	448.5111	422.3333	122.5994	1.59368
3226	57.8253	430.4094	448.0211	422.125	122.5994	1.59325
3227	57.8423	415.1859	447.4296	421.9167	122.5994	1.59282
3228	57.8593	411.6111	446.7855	421.7083	122.5994	1.5924
3229	57.8763	414.2702	446.0501	421.5	122.5994	1.59197
3230	57.8933	416.0304	445.1657	421.2917	122.5994	1.59154
3231	57.9103	430.5346	444.1733	421.0833	122.5994	1.59112
3232	57.9273	447.5439	443.0972	420.875	122.5994	1.59069

3233	57.9443	449.1657	441.9627	420.6667	122.5994	1.59026
3234	57.9613	422.0098	440.7748	420.4583	122.5994	1.58984
3235	57.9783	418.3535	439.5802	420.25	122.5994	1.58941
3236	57.9953	443.6986	438.368	420.0417	122.5994	1.58899
3237	58.0123	432.7904	437.1411	419.8333	122.5994	1.58856
3238	58.0293	414.9202	435.9166	419.625	122.5994	1.58814
3239	58.0463	403.9546	434.5975	419.4167	122.5994	1.58771
3240	58.0633	434.2305	433.3662	419.2083	122.5994	1.58729
3241	58.0803	443.3816	432.1592	419	122.5994	1.58686
3242	58.0973	431.872	430.8278	418.625	122.5994	1.58644
3243	58.1143	406.9168	429.5555	418.25	122.5994	1.58602
3244	58.1313	412.5211	428.3726	417.875	122.5994	1.58559
3245	58.1483	419.4828	427.2583	417.5	122.5994	1.58517
3246	58.1653	420.2097	426.2328	417.125	122.5994	1.58475
3247	58.1823	423.7663	425.3307	416.75	122.5994	1.58432
3248	58.1993	435.0678	424.4482	416.375	122.5994	1.5839
3249	58.2163	404.2919	423.6886	416	122.5994	1.58348
3250	58.2333	433.3264	423.0039	415.625	122.5994	1.58306
3251	58.2503	429.0486	422.3837	415.25	122.5994	1.58264
3252	58.2673	409.1303	421.8915	414.875	122.5994	1.58221
3253	58.2843	400.1949	421.3618	414.5	122.5994	1.58179
3254	58.3013	432.45	420.9054	414.125	122.5994	1.58137
3255	58.3183	420.2097	420.4519	413.75	122.5994	1.58095
3256	58.3353	420.8942	420.0387	413.375	122.5994	1.58053
3257	58.3523	435.8252	419.673	413	122.5994	1.58011
3258	58.3693	419.6647	419.2909	412.625	122.5994	1.57969
3259	58.3863	412.8666	418.9351	412.25	122.5994	1.57927
3260	58.4033	419.3133	418.6116	411.875	122.5994	1.57885
3261	58.4203	416.7893	418.3287	411.5	122.5994	1.57843
3262	58.4373	442.4168	418.1331	411.125	122.5994	1.57802
3263	58.4543	429.3196	417.87	410.75	122.5994	1.5776
3264	58.4713	425.8234	417.7996	410.375	122.5994	1.57718
3265	58.4883	400.0533	417.7773	410	122.5994	1.57676
3266	58.5053	401.9768	418.6504	410.4583	122.5994	1.57634
3267	58.5223	406.9045	419.6291	410.9167	122.5994	1.57593
3268	58.5393	405.2475	420.679	411.375	122.5994	1.57551
3269	58.5563	421.0473	421.82	411.8333	122.5994	1.57509
3270	58.5733	443.842	423.0279	412.2917	122.5994	1.57468
3271	58.5903	435.5931	424.2845	412.75	122.5994	1.57426
3272	58.6073	441.0588	425.4689	413.2083	122.5994	1.57384
3273	58.6243	437.6031	426.7347	413.6667	122.5994	1.57343
3274	58.6413	420.4969	427.944	414.125	122.5994	1.57301
3275	58.6583	426.1387	429.0404	414.5833	122.5994	1.5726
3276	58.6753	445.7844	429.921	415.0417	122.5994	1.57218
3277	58.6923	430.8	430.6805	415.5	122.5994	1.57177
3278	58.7093	428.5324	431.2877	415.9583	122.5994	1.57135
3279	58.7263	430.4962	431.7129	416.4167	122.5994	1.57094
3280	58.7433	442.3568	432.0157	416.875	122.5994	1.57052
3281	58.7603	425.1639	432.2369	417.3333	122.5994	1.57011

3282	58.7773	416.1715	432.393	417.7917	122.5994	1.5697
3283	58.7943	426.865	432.4933	418.25	122.5994	1.56928
3284	58.8113	425.912	432.6411	418.7083	122.5994	1.56887
3285	58.8283	421.6089	432.7372	419.1667	122.5994	1.56846
3286	58.8453	460.6268	432.8563	419.625	122.5994	1.56804
3287	58.8623	437.9717	432.9839	420.0833	122.5994	1.56763
3288	58.8793	450.6156	433.1127	420.5417	122.5994	1.56722
3289	58.8963	434.0608	433.2742	421	122.5994	1.56681
3290	58.9133	446.816	433.4904	421.4583	122.5994	1.5664
3291	58.9303	440.4377	433.7797	421.9167	122.5994	1.56599
3292	58.9473	430.0281	434.1265	422.375	122.5994	1.56557
3293	58.9643	449.403	434.5564	422.8333	122.5994	1.56516
3294	58.9813	461.0535	435.1053	423.2917	122.5994	1.56475
3295	58.9983	443.6208	435.7289	423.75	122.5994	1.56434
3296	59.0153	441.0588	436.4162	424.2083	122.5994	1.56393
3297	59.0323	468.3863	437.1599	424.6667	122.5994	1.56352
3298	59.0493	442.776	437.9613	425.125	122.5994	1.56311
3299	59.0663	461.4741	438.7902	425.5833	122.5994	1.5627
3300	59.0833	466.4387	439.7484	426.0417	122.5994	1.56229
3301	59.1003	492.5397	440.8151	426.5	122.5994	1.56189
3302	59.1173	424.5212	442.0127	426.9583	122.5994	1.56148
3303	59.1343	429.4286	443.3469	427.4167	122.5994	1.56107
3304	59.1513	449.6867	444.7858	427.875	122.5994	1.56066
3305	59.1683	455.6864	447.2686	428.3333	122.5994	1.56025
3306	59.1853	470.9189	448.9815	428.7917	122.5994	1.55984
3307	59.2023	440.8221	450.7508	429.25	122.5994	1.55944
3308	59.2193	468.5292	452.5145	429.7083	122.5994	1.55903
3309	59.2363	467.6977	454.2742	430.1667	122.5994	1.55862
3310	59.2533	416.2014	456.0382	430.625	122.5994	1.55822
3311	59.2703	428.1018	457.6685	431.0833	122.5994	1.55781
3312	59.2873	418.0892	459.2145	431.5417	122.5994	1.5574
3313	59.3043	437.8654	460.6665	432	122.5994	1.557
3314	59.3213	441.0588	462.1381	432.5703	122.5994	1.55659
3315	59.3383	450.0728	463.5074	433.1406	122.5994	1.55619
3316	59.3553	470.8448	464.7068	433.7109	122.5994	1.55578
3317	59.3723	460.5503	465.6859	434.2813	122.5994	1.55538
3318	59.3893	442.5131	466.4245	434.8516	122.5994	1.55497
3319	59.4063	460.4399	466.8969	435.4219	122.5994	1.55457
3320	59.4233	464.487	467.1346	435.9922	122.5994	1.55416
3321	59.4403	433.256	467.0982	436.5625	122.5994	1.55376
3322	59.4573	441.875	466.8525	437.1328	122.5994	1.55336
3323	59.4743	447.8274	466.4401	437.7031	122.5994	1.55295
3324	59.4913	447.4148	465.9153	438.2734	122.5994	1.55255
3325	59.5083	462.3887	465.3145	438.8438	122.5994	1.55215
3326	59.5253	439.3193	464.7071	439.4141	122.5994	1.55174
3327	59.5423	427.749	464.0584	439.9844	122.5994	1.55134
3328	59.5593	444.1512	463.43	440.5547	122.5994	1.55094
3329	59.5763	457.2655	462.8346	441.125	122.5994	1.55054
3330	59.5933	473.1014	462.2905	441.6953	122.5994	1.55014

3331	59.6103	465.6169	461.8141	442.2656	122.5994	1.54973
3332	59.6273	446.5409	461.4208	442.8359	122.5994	1.54933
3333	59.6443	452.8011	461.1313	443.4063	122.5994	1.54893
3334	59.6613	439.8433	460.9611	443.9766	122.5994	1.54853
3335	59.6783	444.9498	460.9338	444.5469	122.5994	1.54813
3336	59.6953	489.0981	461.0623	445.1172	122.5994	1.54773
3337	59.7123	451.1635	461.7193	445.6875	122.5994	1.54733
3338	59.7293	464.1293	462.0378	446.1035	122.5994	1.54693
3339	59.7463	478.0069	462.5313	446.5195	122.5994	1.54653
3340	59.7633	498.231	463.1694	446.9355	122.5994	1.54613
3341	59.7803	505.7081	463.9551	447.3516	122.5994	1.54573
3342	59.7973	433.6612	464.8486	447.7676	122.5994	1.54533
3343	59.8143	435.7146	465.9519	448.1836	122.5994	1.54494
3344	59.8313	492.9477	467.168	448.5996	122.5994	1.54454
3345	59.8483	493.1264	468.5753	449.0156	122.5994	1.54414
3346	59.8653	463.0603	470.3561	449.4316	122.5994	1.54374
3347	59.8823	466.4872	472.3463	449.8477	122.5994	1.54334
3348	59.8993	537.1175	474.7881	450.2637	122.5994	1.54295
3349	59.9163	470.4513	477.9008	450.6797	122.5994	1.54255
3350	59.9333	571.7121	482.1099	451.0957	122.5994	1.54215
3351	59.9503	587.0833	488.3214	451.5117	122.5994	1.54176
3352	59.9673	667.503	498.288	451.9277	122.5994	1.54136
3353	59.9843	730.258	515.1004	452.3438	122.5994	1.54096
3354	60.0013	767.3861	542.934	452.7598	122.5994	1.54057
3355	60.0183	905.0207	586.0479	453.1758	122.5994	1.54017
3356	60.0353	788.0676	646.2603	453.5918	122.5994	1.53978
3357	60.0523	803.9314	719.1927	454.0078	122.5994	1.53938
3358	60.0693	696.6632	789.6174	454.4238	122.5994	1.53899
3359	60.0863	646.651	828.8979	454.8398	122.5994	1.53859
3360	60.1033	598.4512	814.228	455.2559	122.5994	1.5382
3361	60.1203	586.6179	757.6981	455.6719	122.5994	1.5378
3362	60.1373	612.7898	690.63	455.9245	122.5994	1.53741
3363	60.1543	662.97	635.7714	456.1771	122.5994	1.53701
3364	60.1713	690.5813	603.3168	456.4297	122.5994	1.53662
3365	60.1883	670.3056	595.3068	456.6823	122.5994	1.53623
3366	60.2053	690.7641	608.3008	456.9349	122.5994	1.53583
3367	60.2223	635.5708	634.1254	457.1875	122.5994	1.53544
3368	60.2393	548.1546	659.4841	457.4401	122.5994	1.53505
3369	60.2563	542.8379	667.0379	457.6927	122.5994	1.53466
3370	60.2733	516.2381	648.5132	457.9453	122.5994	1.53426
3371	60.2903	493.003	613.8608	458.1979	122.5994	1.53387
3372	60.3073	499.6173	577.3306	458.4505	122.5994	1.53348
3373	60.3243	499.3551	546.9578	458.7031	122.5994	1.53309
3374	60.3413	479.5913	525.1952	458.9557	122.5994	1.5327
3375	60.3583	477.0171	511.2764	459.2083	122.5994	1.53231
3376	60.3753	483.9536	503.0616	459.4609	122.5994	1.53192
3377	60.3923	489.6013	498.422	459.7135	122.5994	1.53153
3378	60.4093	489.9795	495.6973	459.9661	122.5994	1.53113
3379	60.4263	479.3819	493.9961	460.2188	122.5994	1.53074

3380	60.4433	487.6867	492.9568	460.4714	122.5994	1.53035
3381	60.4603	461.3269	492.0738	460.724	122.5994	1.52997
3382	60.4773	462.176	491.4007	460.9766	122.5994	1.52958
3383	60.4943	473.2892	490.8618	461.2292	122.5994	1.52919
3384	60.5113	475.1944	490.6242	461.4818	122.5994	1.5288
3385	60.5283	464.7664	490.6154	461.7344	122.5994	1.52841
3386	60.5453	465.7941	490.7298	461.8089	122.5994	1.52802
3387	60.5623	470.321	491.1361	461.8835	122.5994	1.52763
3388	60.5793	433.7173	491.8494	461.958	122.5994	1.52724
3389	60.5963	466.4847	492.9755	462.0326	122.5994	1.52686
3390	60.6133	455.1508	494.5658	462.1071	122.5994	1.52647
3391	60.6303	426.0722	496.4966	462.1816	122.5994	1.52608
3392	60.6473	469.1687	498.8532	462.2562	122.5994	1.52569
3393	60.6643	458.1319	501.5975	462.3307	122.5994	1.52531
3394	60.6813	462.4573	504.9341	462.4053	122.5994	1.52492
3395	60.6983	491.4353	508.4718	462.4798	122.5994	1.52453
3396	60.7153	441.2602	512.6273	462.5544	122.5994	1.52415
3397	60.7323	445.1673	516.5966	462.6289	122.5994	1.52376
3398	60.7493	446.8183	520.5904	462.7035	122.5994	1.52338
3399	60.7663	461.7238	524.3687	462.778	122.5994	1.52299
3400	60.7833	461.3988	527.6787	462.8525	122.5994	1.52261
3401	60.8003	476.0835	530.2801	462.9271	122.5994	1.52222
3402	60.8173	444.8199	531.9989	463.0016	122.5994	1.52184
3403	60.8343	497.4309	532.8095	463.0762	122.5994	1.52145
3404	60.8513	478.6031	532.8808	463.1507	122.5994	1.52107
3405	60.8683	462.0214	532.2352	463.2253	122.5994	1.52068
3406	60.8853	429.0029	531.3472	463.2998	122.5994	1.5203
3407	60.9023	457.3064	530.0259	463.3743	122.5994	1.51992
3408	60.9193	466.6222	528.5507	463.4489	122.5994	1.51953
3409	60.9363	485.4579	526.9427	463.5234	122.5994	1.51915
3410	60.9533	508.8405	525.1663	463.598	122.5994	1.51877
3411	60.9703	491.1055	523.1837	463.6725	122.5994	1.51838
3412	60.9873	507.1836	520.9288	463.7471	122.5994	1.518
3413	61.0043	485.4862	518.4454	463.8216	122.5994	1.51762
3414	61.0213	452.9618	515.8228	463.8962	122.5994	1.51724
3415	61.0383	452.7309	513.1749	463.9707	122.5994	1.51685
3416	61.0553	472.7541	510.652	464.0452	122.5994	1.51647
3417	61.0723	468.8549	508.3479	464.1198	122.5994	1.51609
3418	61.0893	460.1518	506.2719	464.1943	122.5994	1.51571
3419	61.1063	481.2171	504.4837	464.2689	122.5994	1.51533
3420	61.1233	480.018	502.9713	464.3434	122.5994	1.51495
3421	61.1403	469.051	501.6893	464.418	122.5994	1.51457
3422	61.1573	468.3232	500.5737	464.4925	122.5994	1.51419
3423	61.1743	463.8055	499.6225	464.5671	122.5994	1.51381
3424	61.1913	448.3905	498.0867	464.6416	122.5994	1.51343
3425	61.2083	455.334	497.573	464.7161	122.5994	1.51305
3426	61.2253	489.5938	497.2114	464.7907	122.5994	1.51267
3427	61.2423	498.6315	497.0933	464.8652	122.5994	1.51229
3428	61.2593	481.0077	497.2335	464.9398	122.5994	1.51191

3429	61.2763	449.3524	497.6266	465.0143	122.5994	1.51153
3430	61.2933	454.1752	498.2545	465.0889	122.5994	1.51115
3431	61.3103	482.2991	499.0576	465.1634	122.5994	1.51078
3432	61.3273	481.2379	499.989	465.238	122.5994	1.5104
3433	61.3443	468.5521	500.9958	465.3125	122.5994	1.51002
3434	61.3613	493.2182	501.8719	465.209	122.5994	1.50964
3435	61.3783	485.4555	502.7876	465.1055	122.5994	1.50926
3436	61.3953	504.1636	503.67	465.002	122.5994	1.50889
3437	61.4123	469.4072	504.653	464.8984	122.5994	1.50851
3438	61.4293	508.5665	505.7535	464.7949	122.5994	1.50813
3439	61.4463	506.4397	506.9459	464.6914	122.5994	1.50776
3440	61.4633	475.3634	508.2569	464.5879	122.5994	1.50738
3441	61.4803	454.4879	509.6623	464.4844	122.5994	1.50701
3442	61.4973	505.5337	511.1124	464.3809	122.5994	1.50663
3443	61.5143	487.697	512.5374	464.2773	122.5994	1.50625
3444	61.5313	479.522	513.8749	464.1738	122.5994	1.50588
3445	61.5483	526.288	515.0783	464.0703	122.5994	1.5055
3446	61.5653	502.824	516.174	463.9668	122.5994	1.50513
3447	61.5823	516.0466	517.2494	463.8633	122.5994	1.50475
3448	61.5993	542.2556	518.3958	463.7598	122.5994	1.50438
3449	61.6163	520.431	519.8609	463.6563	122.5994	1.504
3450	61.6333	544.9252	521.7284	463.5527	122.5994	1.50363
3451	61.6503	550.0337	524.0897	463.4492	122.5994	1.50326
3452	61.6673	544.1428	526.9684	463.3457	122.5994	1.50288
3453	61.6843	556.6246	530.3268	463.2422	122.5994	1.50251
3454	61.7013	566.8011	534.0938	463.1387	122.5994	1.50214
3455	61.7183	536.6254	538.1146	463.0352	122.5994	1.50176
3456	61.7353	546.0081	542.2017	462.9316	122.5994	1.50139
3457	61.7523	555.7252	546.1191	462.8281	122.5994	1.50102
3458	61.7693	554.4591	549.3746	462.5319	122.5994	1.50065
3459	61.7863	537.359	551.9319	462.2357	122.5994	1.50027
3460	61.8033	534.8501	553.4966	461.9395	122.5994	1.4999
3461	61.8203	551.2274	553.9365	461.6432	122.5994	1.49953
3462	61.8373	557.3479	553.2316	461.347	122.5994	1.49916
3463	61.8543	547.617	551.5272	461.0508	122.5994	1.49879
3464	61.8713	559.8805	549.0859	460.7546	122.5994	1.49842
3465	61.8883	583.6591	546.179	460.4583	122.5994	1.49805
3466	61.9053	538.8183	543.0364	460.1621	122.5994	1.49768
3467	61.9223	528.9835	539.7961	459.8659	122.5994	1.49731
3468	61.9393	516.7364	536.1685	459.5697	122.5994	1.49694
3469	61.9563	526.7516	532.7916	459.2734	122.5994	1.49657
3470	61.9733	538.5802	529.2449	458.9772	122.5994	1.4962
3471	61.9903	521.5606	525.4963	458.681	122.5994	1.49583
3472	62.0073	518.3483	521.5754	458.3848	122.5994	1.49546
3473	62.0243	510.2168	517.4771	458.0885	122.5994	1.49509
3474	62.0413	509.5921	513.3499	457.7923	122.5994	1.49472
3475	62.0583	500.6421	509.3187	457.4961	122.5994	1.49435
3476	62.0753	487.1342	505.4841	457.1999	122.5994	1.49398
3477	62.0923	494.4604	501.9129	456.9036	122.5994	1.49361

3478	62.1093	486.4508	498.6425	456.6074	122.5994	1.49325
3479	62.1263	476.7618	495.6573	456.3112	122.5994	1.49288
3480	62.1433	501.7101	492.9678	456.015	122.5994	1.49251
3481	62.1603	506.3175	490.3469	455.7187	122.5994	1.49214
3482	62.1773	466.6833	487.9799	455.2096	122.5994	1.49178
3483	62.1943	470.2586	485.8761	454.7005	122.5994	1.49141
3484	62.2113	427.0504	483.9834	454.1914	122.5994	1.49104
3485	62.2283	503.1491	482.3033	453.6823	122.5994	1.49068
3486	62.2453	467.2514	480.8187	453.1732	122.5994	1.49031
3487	62.2623	462.5683	479.5044	452.6641	122.5994	1.48994
3488	62.2793	505.9573	478.3387	452.1549	122.5994	1.48958
3489	62.2963	496.3817	477.3297	451.6458	122.5994	1.48921
3490	62.3133	479.3666	476.3365	451.1367	122.5994	1.48885
3491	62.3303	472.8274	475.3356	450.6276	122.5994	1.48848
3492	62.3473	448.0678	474.3947	450.1185	122.5994	1.48812
3493	62.3643	436.2059	473.4156	449.6094	122.5994	1.48775
3494	62.3813	438.6824	472.3788	449.1003	122.5994	1.48739
3495	62.3983	469.3079	471.2831	448.5911	122.5994	1.48702
3496	62.4153	466.5405	470.1438	448.082	122.5994	1.48666
3497	62.4323	487.001	468.9862	447.5729	122.5994	1.48629
3498	62.4493	490.8436	467.8342	447.0638	122.5994	1.48593
3499	62.4663	466.4116	466.7296	446.5547	122.5994	1.48557
3500	62.4833	450.0242	465.6385	446.0456	122.5994	1.4852
3501	62.5003	447.5845	464.5473	445.5365	122.5994	1.48484
3502	62.5173	444.3969	463.5163	445.0273	122.5994	1.48448
3503	62.5343	416.6092	462.4876	444.5182	122.5994	1.48411
3504	62.5513	446.9107	461.4032	444.0091	122.5994	1.48375
3505	62.5683	469.1431	460.3655	443.5	122.5994	1.48339
3506	62.5853	461.2856	459.0828	442.7708	122.5994	1.48303
3507	62.6023	446.2856	457.7893	442.0417	122.5994	1.48267
3508	62.6193	429.192	456.4828	441.3125	122.5994	1.4823
3509	62.6363	438.3745	455.2124	440.5833	122.5994	1.48194
3510	62.6533	462.2209	453.9702	439.8542	122.5994	1.48158
3511	62.6703	446.7415	452.7632	439.125	122.5994	1.48122
3512	62.6873	415.1407	451.5854	438.3958	122.5994	1.48086
3513	62.7043	424.9737	450.4226	437.6667	122.5994	1.4805
3514	62.7213	445.9095	449.1026	436.9375	122.5994	1.48014
3515	62.7383	457.187	447.9485	436.2083	122.5994	1.47978
3516	62.7553	462.3116	446.7803	435.4792	122.5994	1.47942
3517	62.7723	459.412	445.6075	434.75	122.5994	1.47906
3518	62.7893	460.9075	444.4363	434.0208	122.5994	1.4787
3519	62.8063	418.9877	443.3017	433.2917	122.5994	1.47834
3520	62.8233	414.4542	442.2094	432.5625	122.5994	1.47798
3521	62.8403	441.8288	441.1171	431.8333	122.5994	1.47762
3522	62.8573	452.6216	440.1566	431.1042	122.5994	1.47726
3523	62.8743	457.0828	439.2679	430.375	122.5994	1.4769
3524	62.8913	430.9748	438.4519	429.6458	122.5994	1.47655
3525	62.9083	378.5326	437.5648	428.9167	122.5994	1.47619
3526	62.9253	398.4885	436.8967	428.1875	122.5994	1.47583

3527	62.9423	421.6007	435.9686	427.4583	122.5994	1.47547
3528	62.9593	435.4717	435.448	426.7292	122.5994	1.47512
3529	62.9763	406.9403	434.9895	426	122.5994	1.47476
3530	62.9933	446.3607	434.7191	425.4094	122.5994	1.4744
3531	63.0103	417.6992	434.4862	424.8188	122.5994	1.47404
3532	63.0273	420.1032	434.5552	424.2281	122.5994	1.47369
3533	63.0443	420.306	434.3414	423.6375	122.5994	1.47333
3534	63.0613	432.6977	434.1021	423.0469	122.5994	1.47297
3535	63.0783	432.759	433.7372	422.4563	122.5994	1.47262
3536	63.0953	435.3814	433.4046	421.8657	122.5994	1.47226
3537	63.1123	412.0505	432.8169	421.2751	122.5994	1.47191
3538	63.1293	414.5963	432.3441	420.6844	122.5994	1.47155
3539	63.1463	434.2945	431.8096	420.0938	122.5994	1.4712
3540	63.1633	422.2253	431.232	419.5032	122.5994	1.47084
3541	63.1803	446.9657	430.6336	418.9126	122.5994	1.47049
3542	63.1973	391.2553	430.0295	418.322	122.5994	1.47013
3543	63.2143	400.1814	429.5469	417.7313	122.5994	1.46978
3544	63.2313	448.1278	429.0092	417.1407	122.5994	1.46942
3545	63.2483	449.3945	428.4672	416.5501	122.5994	1.46907
3546	63.2653	419.9242	427.9455	415.9595	122.5994	1.46872
3547	63.2823	406.8052	427.4356	415.3689	122.5994	1.46836
3548	63.2993	413.1779	426.8905	414.7783	122.5994	1.46801
3549	63.3163	431.1885	426.3792	414.1876	122.5994	1.46765
3550	63.3333	421.0628	425.8501	413.597	122.5994	1.4673
3551	63.3503	414.3421	425.2719	413.0064	122.5994	1.46695
3552	63.3673	411.254	424.6588	412.4158	122.5994	1.4666
3553	63.3843	420.1675	423.9748	411.8252	122.5994	1.46624
3554	63.4013	419.6838	423.2133	411.2345	122.5994	1.46589
3555	63.4183	402.7037	422.3697	410.6439	122.5994	1.46554
3556	63.4353	420.6834	421.4737	410.0533	122.5994	1.46519
3557	63.4523	422.9031	420.5457	409.4627	122.5994	1.46484
3558	63.4693	419.187	419.614	408.8721	122.5994	1.46449
3559	63.4863	402.1867	418.6861	408.2815	122.5994	1.46413
3560	63.5033	415.7962	417.8111	407.6908	122.5994	1.46378
3561	63.5203	452.1418	416.9671	407.1002	122.5994	1.46343
3562	63.5373	434.4259	416.154	406.5096	122.5994	1.46308
3563	63.5543	425.3179	415.3017	405.919	122.5994	1.46273
3564	63.5713	427.1135	414.524	405.3284	122.5994	1.46238
3565	63.5883	456.2472	413.7428	404.7377	122.5994	1.46203
3566	63.6053	458.7101	412.9853	404.1471	122.5994	1.46168
3567	63.6223	432.4229	412.2347	403.5565	122.5994	1.46133
3568	63.6393	433.6391	411.5021	402.9659	122.5994	1.46098
3569	63.6563	424.0169	410.8042	402.3753	122.5994	1.46063
3570	63.6733	401.1165	410.1139	401.7847	122.5994	1.46028
3571	63.6903	386.3371	409.4464	401.194	122.5994	1.45994
3572	63.7073	410.9222	408.8065	400.6034	122.5994	1.45959
3573	63.7243	419.6217	408.1408	400.0128	122.5994	1.45924
3574	63.7413	438.419	407.5501	399.4222	122.5994	1.45889
3575	63.7583	386.4319	406.9946	398.8316	122.5994	1.45854

3576	63.7753	432.2843	406.508	398.2409	122.5994	1.45819
3577	63.7923	417.4102	406.0949	397.6503	122.5994	1.45785
3578	63.8093	444.1155	406.1146	397.4025	122.5994	1.4575
3579	63.8263	400.7217	406.2482	397.1546	122.5994	1.45715
3580	63.8433	457.7194	406.4907	396.9068	122.5994	1.4568
3581	63.8603	428.6647	406.8402	396.6589	122.5994	1.45646
3582	63.8773	434.7175	407.3759	396.4111	122.5994	1.45611
3583	63.8943	473.7648	408.0824	396.1632	122.5994	1.45576
3584	63.9113	452.0798	408.9888	395.9154	122.5994	1.45542
3585	63.9283	438.8004	410.1172	395.6675	122.5994	1.45507
3586	63.9453	451.9221	411.5073	395.4197	122.5994	1.45473
3587	63.9623	432.6348	413.1638	395.1718	122.5994	1.45438
3588	63.9793	390.9907	415.1094	394.924	122.5994	1.45404
3589	63.9963	421.7704	417.3586	394.6761	122.5994	1.45369
3590	64.0133	485.1616	419.9496	394.4283	122.5994	1.45335
3591	64.0303	470.8869	422.942	394.1804	122.5994	1.453
3592	64.0473	496.6092	426.5325	393.9325	122.5994	1.45266
3593	64.0643	475.7505	431.1067	393.6847	122.5994	1.45231
3594	64.0813	522.7321	437.1441	393.4368	122.5994	1.45197
3595	64.0983	521.3352	445.3544	393.189	122.5994	1.45162
3596	64.1153	511.0876	456.1676	392.9411	122.5994	1.45128
3597	64.1323	509.8477	469.2576	392.6933	122.5994	1.45094
3598	64.1493	482.3295	482.803	392.4454	122.5994	1.45059
3599	64.1663	457.7514	492.7514	392.1976	122.5994	1.45025
3600	64.1833	430.7912	493.755	391.9497	122.5994	1.44991
3601	64.2003	427.3401	485.1051	391.7019	122.5994	1.44956
3602	64.2173	445.0652	471.7466	391.454	122.5994	1.44922
3603	64.2343	458.1513	458.6807	391.2062	122.5994	1.44888
3604	64.2513	442.3135	448.6909	390.9583	122.5994	1.44854
3605	64.2683	424.9976	442.6585	390.7105	122.5994	1.44819
3606	64.2853	454.3519	440.4997	390.4626	122.5994	1.44785
3607	64.3023	465.8744	441.5619	390.2148	122.5994	1.44751
3608	64.3193	459.6972	444.6641	389.9669	122.5994	1.44717
3609	64.3363	465.9649	447.8678	389.7191	122.5994	1.44683
3610	64.3533	468.1285	448.3976	389.4712	122.5994	1.44649
3611	64.3703	440.9663	444.1149	389.2234	122.5994	1.44614
3612	64.3873	439.9728	436.225	388.9755	122.5994	1.4458
3613	64.4043	407.1596	427.4261	388.7277	122.5994	1.44546
3614	64.4213	412.9226	419.5152	388.4798	122.5994	1.44512
3615	64.4383	411.0258	413.2153	388.232	122.5994	1.44478
3616	64.4553	404.7589	408.5174	387.9841	122.5994	1.44444
3617	64.4723	430.3988	405.1039	387.7362	122.5994	1.4441
3618	64.4893	440.3231	402.5904	387.4884	122.5994	1.44376
3619	64.5063	409.5729	400.6696	387.2405	122.5994	1.44342
3620	64.5233	418.1502	399.0996	386.9927	122.5994	1.44308
3621	64.5403	409.4509	397.8501	386.7448	122.5994	1.44275
3622	64.5573	389.7484	396.8169	386.497	122.5994	1.44241
3623	64.5743	384.4795	395.9569	386.2491	122.5994	1.44207
3624	64.5913	403.1386	395.2392	386.0013	122.5994	1.44173

3625	64.6083	407.9938	394.6401	385.7534	122.5994	1.44139
3626	64.6253	420.0729	394.1391	385.5056	122.5994	1.44105
3627	64.6423	420.1579	393.7177	385.2577	122.5994	1.44071
3628	64.6593	412.1161	393.3572	385.0099	122.5994	1.44038
3629	64.6763	416.4649	393.0446	384.762	122.5994	1.44004
3630	64.6933	421.6745	392.7422	384.5142	122.5994	1.4397
3631	64.7103	435.5699	392.4804	384.2663	122.5994	1.43936
3632	64.7273	421.1654	392.2265	384.0185	122.5994	1.43903
3633	64.7443	396.0058	391.9722	383.7706	122.5994	1.43869
3634	64.7613	376.5093	391.7121	383.5228	122.5994	1.43835
3635	64.7783	398.1666	391.4439	383.2749	122.5994	1.43802
3636	64.7953	407.2416	391.1689	383.0271	122.5994	1.43768
3637	64.8123	402.1977	390.8894	382.7792	122.5994	1.43735
3638	64.8293	402.242	390.6076	382.5314	122.5994	1.43701
3639	64.8463	420.1134	390.3246	382.2835	122.5994	1.43667
3640	64.8633	423.9952	390.0307	382.0357	122.5994	1.43634
3641	64.8803	420.9978	389.7478	381.7878	122.5994	1.436
3642	64.8973	401.3581	389.4643	381.5399	122.5994	1.43567
3643	64.9143	406.32	389.1984	381.2921	122.5994	1.43533
3644	64.9313	410.1249	388.9515	381.0442	122.5994	1.435
3645	64.9483	432.6977	388.733	380.7964	122.5994	1.43466
3646	64.9653	410.1425	388.5542	380.5485	122.5994	1.43433
3647	64.9823	380.3007	388.6751	380.5485	122.5994	1.434

No.	Pos. [°2Th. lobs [cts]	Icalc [cts]	Iback [cts]	CT [s]	ESD	D spacings
1	3.0003	2352.243	2352	2352	122.5994	29.42347
2	3.0173	2208.004	2321	2321	122.5994	29.25773
3	3.0343	2161.063	2291	2291	122.5994	29.09385
4	3.0513	2133.259	2260	2260	122.5994	28.9318
5	3.0683	2112.826	2229	2229	122.5994	28.77154
6	3.0853	2067.75	2198	2198	122.5994	28.61305
7	3.1023	1967.941	2168	2168	122.5994	28.45629
8	3.1193	1948.789	2137	2137	122.5994	28.30124
9	3.1363	1956.256	2106	2106	122.5994	28.14788
10	3.1533	1873.553	2075	2075	122.5994	27.99617
11	3.1703	1837.366	2045	2045	122.5994	27.84608
12	3.1873	1837.453	2014	2014	122.5994	27.6976
13	3.2043	1807.863	1983	1983	122.5994	27.55069
14	3.2213	1864.258	1952	1952	122.5994	27.40534
15	3.2383	1747.223	1922	1922	122.5994	27.26151
16	3.2553	1741.864	1891	1891	122.5994	27.11918
17	3.2723	1724.853	1860	1860	122.5994	26.97833
18	3.2893	1732.246	1829	1829	122.5994	26.83894
19	3.3063	1728.69	1799	1799	122.5994	26.70098
20	3.3233	1659.506	1768	1768	122.5994	26.56443
21	3.3403	1664.844	1737	1737	122.5994	26.42928
22	3.3573	1657.039	1706	1706	122.5994	26.29549
23	3.3743	1630.966	1676	1676	122.5994	26.16305
24	3.3913	1644.457	1645	1645	122.5994	26.03194
25	3.4083	1619.673	1614	1614	122.5994	25.90213
26	3.4253	1586.581	1604	1604	122.5994	25.77362
27	3.4423	1581.509	1594	1594	122.5994	25.64637
28	3.4593	1648.461	1585	1585	122.5994	25.52038
29	3.4763	1621.068	1575	1575	122.5994	25.39561
30	3.4933	1591.016	1565	1565	122.5994	25.27207
31	3.5103	1528.955	1556	1556	122.5994	25.14971
32	3.5273	1542.126	1546	1546	122.5994	25.02854
33	3.5443	1595.605	1536	1536	122.5994	24.90853
34	3.5613	1562.893	1526	1526	122.5994	24.78967
35	3.5783	1521.614	1516	1516	122.5994	24.67194
36	3.5953	1542.699	1507	1507	122.5994	24.55532
37	3.6123	1516.023	1497	1497	122.5994	24.4398
38	3.6293	1438.433	1487	1487	122.5994	24.32536
39	3.6463	1458.58	1478	1478	122.5994	24.21198
40	3.6633	1447.688	1468	1468	122.5994	24.09966
41	3.6803	1463.686	1458	1458	122.5994	23.98838
42	3.6973	1473.663	1448	1448	122.5994	23.87812
43	3.7143	1406.067	1438	1438	122.5994	23.76887
44	3.7313	1433.58	1429	1429	122.5994	23.66062
45	3.7483	1379.613	1419	1419	122.5994	23.55335
46	3.7653	1456.615	1409	1409	122.5994	23.44704
47	3.7823	1421.685	1400	1400	122.5994	23.3417

48	3.7993	1304.716	1390	1390	122.5994	23.23729
49	3.8163	1433.722	1380	1380	122.5994	23.13382
50	3.8333	1356.238	1375	1375	122.5994	23.03126
51	3.8503	1393.57	1369	1369	122.5994	22.92961
52	3.8673	1419.103	1364	1364	122.5994	22.82886
53	3.8843	1390.842	1359	1359	122.5994	22.72898
54	3.9013	1336.377	1354	1354	122.5994	22.62998
55	3.9183	1348.67	1348	1348	122.5994	22.53184
56	3.9353	1282.942	1343	1343	122.5994	22.43454
57	3.9523	1282.963	1338	1338	122.5994	22.33808
58	3.9693	1278.214	1332	1332	122.5994	22.24245
59	3.9863	1339.566	1327	1327	122.5994	22.14763
60	4.0033	1322.013	1322	1322	122.5994	22.05362
61	4.0203	1297.682	1316	1316	122.5994	21.9604
62	4.0373	1331.578	1311	1311	122.5994	21.86797
63	4.0543	1318.251	1306	1306	122.5994	21.77632
64	4.0713	1362.571	1301	1301	122.5994	21.68543
65	4.0883	1304.982	1295	1295	122.5994	21.59529
66	4.1053	1281.739	1290	1290	122.5994	21.50591
67	4.1223	1272.271	1285	1285	122.5994	21.41726
68	4.1393	1269.932	1279	1279	122.5994	21.32933
69	4.1563	1269.191	1274	1274	122.5994	21.24213
70	4.1733	1275.262	1269	1269	122.5994	21.15564
71	4.1903	1221.306	1264	1264	122.5994	21.06985
72	4.2073	1242.243	1258	1258	122.5994	20.98475
73	4.2243	1273.149	1253	1253	122.5994	20.90034
74	4.2413	1256.191	1248	1248	122.5994	20.81661
75	4.2583	1236.471	1243	1243	122.5994	20.73354
76	4.2753	1237.966	1237	1237	122.5994	20.65114
77	4.2923	1214.996	1232	1232	122.5994	20.56939
78	4.3093	1201.699	1227	1227	122.5994	20.48828
79	4.3263	1199.412	1222	1222	122.5994	20.40781
80	4.3433	1201.998	1217	1217	122.5994	20.32797
81	4.3603	1219.16	1211	1211	122.5994	20.24875
82	4.3773	1225.023	1206	1206	122.5994	20.17015
83	4.3943	1203.709	1201	1201	122.5994	20.09216
84	4.4113	1159.467	1196	1196	122.5994	20.01477
85	4.4283	1149.231	1190	1190	122.5994	19.93797
86	4.4453	1194.687	1185	1185	122.5994	19.86176
87	4.4623	1169.007	1180	1180	122.5994	19.78613
88	4.4793	1180.716	1175	1175	122.5994	19.71108
89	4.4963	1183.348	1170	1170	122.5994	19.63659
90	4.5133	1121.348	1164	1164	122.5994	19.56267
91	4.5303	1172.608	1159	1159	122.5994	19.48929
92	4.5473	1236.4	1154	1154	122.5994	19.41647
93	4.5643	1124.666	1149	1149	122.5994	19.34419
94	4.5813	1135.645	1144	1144	122.5994	19.27245
95	4.5983	1102.41	1138	1138	122.5994	19.20124
96	4.6153	1111.254	1133	1133	122.5994	19.13055

97	4.6323	1159.701	1128	1128	122.5994	19.06038
98	4.6493	1117.334	1125	1125	122.5994	18.99073
99	4.6663	1137.147	1123	1123	122.5994	18.92158
100	4.6833	1146.564	1120	1120	122.5994	18.85293
101	4.7003	1125.938	1118	1118	122.5994	18.78479
102	4.7173	1110.034	1115	1115	122.5994	18.71713
103	4.7343	1124.746	1112	1112	122.5994	18.64996
104	4.7513	1158.428	1110	1110	122.5994	18.58327
105	4.7683	1132.874	1107	1107	122.5994	18.51705
106	4.7853	1095.417	1105	1105	122.5994	18.45131
107	4.8023	1088.858	1102	1102	122.5994	18.38603
108	4.8193	1108.212	1100	1100	122.5994	18.32121
109	4.8363	1086.561	1097	1097	122.5994	18.25685
110	4.8533	1108.879	1094	1094	122.5994	18.19294
111	4.8703	1101.584	1092	1092	122.5994	18.12947
112	4.8873	1078.831	1089	1089	122.5994	18.06645
113	4.9043	1078.929	1087	1087	122.5994	18.00386
114	4.9213	1082.392	1084	1084	122.5994	17.94171
115	4.9383	1059.218	1082	1082	122.5994	17.87998
116	4.9553	1087.796	1079	1079	122.5994	17.81868
117	4.9723	1118.866	1076	1076	122.5994	17.7578
118	4.9893	1051.753	1074	1074	122.5994	17.69733
119	5.0063	1009.905	1071	1071	122.5994	17.63727
120	5.0233	1070.655	1069	1069	122.5994	17.57762
121	5.0403	1053.009	1066	1066	122.5994	17.51837
122	5.0573	1088.857	1065	1065	122.5994	17.45953
123	5.0743	1110.63	1064	1064	122.5994	17.40107
124	5.0913	1049.334	1063	1063	122.5994	17.34301
125	5.1083	1049.882	1062	1062	122.5994	17.28533
126	5.1253	1058.261	1061	1061	122.5994	17.22803
127	5.1423	1037.896	1060	1060	122.5994	17.17112
128	5.1593	1054.098	1060	1060	122.5994	17.11458
129	5.1763	1067.704	1059	1059	122.5994	17.05841
130	5.1933	1054.132	1058	1058	122.5994	17.00261
131	5.2103	1003.908	1057	1057	122.5994	16.94717
132	5.2273	1039.349	1056	1056	122.5994	16.89209
133	5.2443	1033.493	1055	1055	122.5994	16.83737
134	5.2613	1086.58	1054	1054	122.5994	16.78301
135	5.2783	1032.385	1053	1053	122.5994	16.72899
136	5.2953	1035.606	1052	1052	122.5994	16.67532
137	5.3123	1007.237	1051	1051	122.5994	16.622
138	5.3293	1023.02	1050	1050	122.5994	16.56901
139	5.3463	999.3322	1050	1050	122.5994	16.51637
140	5.3633	1055.707	1049	1049	122.5994	16.46405
141	5.3803	1050.07	1048	1048	122.5994	16.41207
142	5.3973	1073.647	1047	1047	122.5994	16.36041
143	5.4143	1015.561	1046	1046	122.5994	16.30908
144	5.4313	1084.982	1045	1045	122.5994	16.25807
145	5.4483	1034.939	1044	1044	122.5994	16.20738

146	5.4653	1022.261	1043	1043	122.5994	16.15701
147	5.4823	1047.192	1043	1043	122.5994	16.10695
148	5.4993	994.2989	1042	1042	122.5994	16.05719
149	5.5163	1006.08	1042	1042	122.5994	16.00775
150	5.5333	1011.23	1041	1041	122.5994	15.9586
151	5.5503	1005.509	1041	1041	122.5994	15.90976
152	5.5673	993.8298	1041.941	1040	122.5994	15.86122
153	5.5843	1026.295	1043	1040	122.5994	15.81297
154	5.6013	1032.987	1042.142	1039	122.5994	15.76502
155	5.6183	1006.22	1042.294	1039	122.5994	15.71735
156	5.6353	1036.83	1041.458	1038	122.5994	15.66998
157	5.6523	1027.732	1041.634	1038	122.5994	15.62289
158	5.6693	1028.246	1040.823	1037	122.5994	15.57608
159	5.6863	1028.154	1040.028	1036	122.5994	15.52955
160	5.7033	1021.069	1040.25	1036	122.5994	15.4833
161	5.7203	1037.974	1039.49	1035	122.5994	15.43732
162	5.7373	1028.346	1039.751	1035	122.5994	15.39162
163	5.7543	1065.951	1039.035	1034	122.5994	15.34618
164	5.7713	1056.093	1039.345	1034	122.5994	15.30102
165	5.7883	1033.082	1038.684	1033	122.5994	15.25612
166	5.8053	1059.782	1039.057	1033	122.5994	15.21148
167	5.8223	1077.721	1038.466	1032	122.5994	15.16711
168	5.8393	1061.544	1038.919	1032	122.5994	15.12299
169	5.8563	1032.516	1038.42	1031	122.5994	15.07913
170	5.8733	1009.507	1037.976	1030	122.5994	15.03552
171	5.8903	1004.88	1038.596	1030	122.5994	14.99216
172	5.9073	1035.388	1038.291	1029	122.5994	14.94906
173	5.9243	1018.305	1039.072	1029	122.5994	14.9062
174	5.9413	1056.158	1038.954	1028	122.5994	14.86358
175	5.9583	1075.829	1039.956	1028	122.5994	14.82121
176	5.9753	1075.829	1040.105	1027	122.5994	14.77909
177	5.9923	1015.05	1041.433	1027	122.5994	14.7372
178	6.0093	998.5501	1041.99	1026	122.5994	14.69554
179	6.0263	1068.136	1043.852	1026	122.5994	14.65413
180	6.0433	1076.836	1045.133	1025	122.5994	14.61294
181	6.0603	1104.68	1047.014	1024	122.5994	14.57199
182	6.0773	1055.991	1050.767	1024	122.5994	14.53126
183	6.0943	1110.051	1054.794	1023	122.5994	14.49077
184	6.1113	1109.296	1061.659	1023	122.5994	14.4505
185	6.1283	1173.706	1070.099	1022	122.5994	14.41045
186	6.1453	1163.098	1083.011	1022	122.5994	14.37062
187	6.1623	1069.359	1099.377	1021	122.5994	14.33102
188	6.1793	1109.86	1122.126	1021	122.5994	14.29163
189	6.1963	1150.737	1149.941	1020	122.5994	14.25246
190	6.2133	1188.466	1185.007	1020	122.5994	14.2135
191	6.2303	1265.974	1224.721	1019	122.5994	14.17475
192	6.2473	1324.947	1269.352	1019	122.5994	14.13622
193	6.2643	1316.463	1313.621	1018	122.5994	14.0979
194	6.2813	1263.539	1353.351	1017	122.5994	14.05978

195	6.2983	1304.636	1381.782	1016	122.5994	14.02187
196	6.3153	1407.931	1393.478	1016	122.5994	13.98416
197	6.3323	1390.325	1383.486	1015	122.5994	13.94666
198	6.3493	1411.953	1355.138	1014	122.5994	13.90935
199	6.3663	1396.583	1315.573	1014	122.5994	13.87225
200	6.3833	1340.35	1269.621	1013	122.5994	13.83534
201	6.4003	1221.314	1223.701	1012	122.5994	13.79863
202	6.4173	1126.51	1181.334	1011	122.5994	13.76212
203	6.4343	1139.863	1144.445	1010	122.5994	13.72579
204	6.4513	1100.359	1114.769	1010	122.5994	13.68966
205	6.4683	1080.74	1090.216	1009	122.5994	13.65372
206	6.4853	1084.586	1071.157	1008	122.5994	13.61797
207	6.5023	1022.166	1057.685	1008	122.5994	13.5824
208	6.5193	1011.999	1046.816	1007	122.5994	13.54702
209	6.5363	1031.072	1038.637	1006	122.5994	13.51183
210	6.5533	1027.155	1032.389	1005	122.5994	13.47682
211	6.5703	1067.327	1027.483	1004	122.5994	13.44198
212	6.5873	1050.045	1024.498	1004	122.5994	13.40733
213	6.6043	1043.821	1021.144	1003	122.5994	13.37286
214	6.6213	1035.468	1018.231	1002	122.5994	13.33856
215	6.6383	999.7509	1016.635	1002	122.5994	13.30444
216	6.6553	992.2685	1014.278	1001	122.5994	13.2705
217	6.6723	1004.537	1012.107	1000	122.5994	13.23672
218	6.6893	1002.747	1010.086	999	122.5994	13.20312
219	6.7063	1002.95	1008.188	998	122.5994	13.16969
220	6.7233	1004.88	1006.394	997	122.5994	13.13643
221	6.7403	990.9934	1004.688	996	122.5994	13.10334
222	6.7573	976.5245	1003.058	995	122.5994	13.07041
223	6.7743	1007.733	1001.494	994	122.5994	13.03765
224	6.7913	977.3745	999.9855	993	122.5994	13.00505
225	6.8083	1024.301	998.5268	992	122.5994	12.97261
226	6.8253	967.829	997.1114	991	122.5994	12.94034
227	6.8423	1042.31	995.7341	990	122.5994	12.90823
228	6.8593	1022.104	995.3903	990	122.5994	12.87627
229	6.8763	1000.346	994.0763	989	122.5994	12.84448
230	6.8933	975.2584	992.7888	988	122.5994	12.81284
231	6.9103	997.2909	991.5248	987	122.5994	12.78136
232	6.9273	962.1071	990.2819	986	122.5994	12.75003
233	6.9443	973.328	989.0579	985	122.5994	12.71886
234	6.9613	919.4884	987.8509	984	122.5994	12.68783
235	6.9783	1020.728	986.6592	983	122.5994	12.65696
236	6.9953	933.7599	985.4815	982	122.5994	12.62624
237	7.0123	988.3669	984.3163	981	122.5994	12.59567
238	7.0293	947.4524	983.1626	980	122.5994	12.56525
239	7.0463	992.2401	982.0192	979	122.5994	12.53497
240	7.0633	992.2401	978.9854	978	122.5994	12.50484
241	7.0803	991.2375	977	977	122.5994	12.47485
242	7.0973	982.4734	976	976	122.5994	12.44501
243	7.1143	964.6344	975	975	122.5994	12.41531

244	7.1313	959.0842	974	974	122.5994	12.38575
245	7.1483	992.5083	972	972	122.5994	12.35633
246	7.1653	1034.137	971	971	122.5994	12.32706
247	7.1823	979.4902	970	970	122.5994	12.29792
248	7.1993	956.4307	969	969	122.5994	12.26892
249	7.2163	979.751	968	968	122.5994	12.24005
250	7.2333	983.3152	967	967	122.5994	12.21132
251	7.2503	993.5949	966	966	122.5994	12.18273
252	7.2673	1006.45	964	964	122.5994	12.15427
253	7.2843	955.8007	963	963	122.5994	12.12594
254	7.3013	956.8685	962	962	122.5994	12.09774
255	7.3183	944.3535	961	961	122.5994	12.06968
256	7.3353	942.0118	960	960	122.5994	12.04175
257	7.3523	970.3662	959	959	122.5994	12.01394
258	7.3693	983.3934	957	957	122.5994	11.98627
259	7.3863	954.737	956	956	122.5994	11.95872
260	7.4033	927.6386	955	955	122.5994	11.93129
261	7.4203	944.8621	954	954	122.5994	11.904
262	7.4373	958.612	953	953	122.5994	11.87683
263	7.4543	964.9478	952	952	122.5994	11.84978
264	7.4713	959.059	951	951	122.5994	11.82285
265	7.4883	963.2362	949	949	122.5994	11.79605
266	7.5053	949.8517	948	948	122.5994	11.76937
267	7.5223	973.9513	947	947	122.5994	11.74281
268	7.5393	967.3588	945	945	122.5994	11.71637
269	7.5563	946.8052	944	944	122.5994	11.69005
270	7.5733	923.2831	942	942	122.5994	11.66385
271	7.5903	952.812	941	941	122.5994	11.63776
272	7.6073	945.6104	940	940	122.5994	11.61179
273	7.6243	937.2822	938	938	122.5994	11.58594
274	7.6413	968.7565	937	937	122.5994	11.5602
275	7.6583	934.7558	936	936	122.5994	11.53458
276	7.6753	924.683	934	934	122.5994	11.50907
277	7.6923	918.4542	933	933	122.5994	11.48367
278	7.7093	900.7145	931	931	122.5994	11.45839
279	7.7263	953.8146	930	930	122.5994	11.43321
280	7.7433	906.1114	929	929	122.5994	11.40815
281	7.7603	943.1148	927	927	122.5994	11.3832
282	7.7773	963.8281	926	926	122.5994	11.35835
283	7.7943	899.3965	925	925	122.5994	11.33362
284	7.8113	965.29	923	923	122.5994	11.30899
285	7.8283	880.7715	922	922	122.5994	11.28447
286	7.8453	879.0028	920	920	122.5994	11.26006
287	7.8623	933.5433	919	919	122.5994	11.23575
288	7.8793	920.2109	923.0435	918	122.5994	11.21154
289	7.8963	932.675	923.7014	916	122.5994	11.18745
290	7.9133	950.5979	922.9694	915	122.5994	11.16345
291	7.9303	967.8289	922.2516	914	122.5994	11.13956
292	7.9473	946.4647	920.549	912	122.5994	11.11577

293	7.9643	966.1561	919.8626	911	122.5994	11.09208
294	7.9813	905.4951	918.1937	909	122.5994	11.06849
295	7.9983	920.0583	917.5436	908	122.5994	11.045
296	8.0153	934.8221	916.9137	907	122.5994	11.02162
297	8.0323	954.8278	915.3057	905	122.5994	10.99833
298	8.0493	945.187	914.7211	904	122.5994	10.97514
299	8.0663	920.2842	914.162	903	122.5994	10.95204
300	8.0833	887.9765	912.6304	901	122.5994	10.92905
301	8.1003	891.5273	912.1287	900	122.5994	10.90615
302	8.1173	974.7944	910.6594	898	122.5994	10.88335
303	8.1343	1020.884	910.2254	897	122.5994	10.86064
304	8.1513	988.3314	909.8298	896	122.5994	10.83803
305	8.1683	973.9791	908.4763	894	122.5994	10.81551
306	8.1853	948.4739	908.1686	893	122.5994	10.79309
307	8.2023	949.2636	907.9112	892	122.5994	10.77075
308	8.2193	963.468	906.7091	890	122.5994	10.74852
309	8.2363	953.2679	906.5677	889	122.5994	10.72637
310	8.2533	952.6046	905.4934	887	122.5994	10.70431
311	8.2703	946.573	905.4932	886	122.5994	10.68235
312	8.2873	946.7608	905.5751	885	122.5994	10.66047
313	8.3043	953.0029	904.7482	883	122.5994	10.63869
314	8.3213	963.9367	905.0231	882	122.5994	10.61699
315	8.3383	1000.52	904.4115	880	122.5994	10.59538
316	8.3553	962.5776	903.9277	878	122.5994	10.57386
317	8.3723	993.5547	904.5878	877	122.5994	10.55243
318	8.3893	1025.852	904.4114	875	122.5994	10.53109
319	8.4063	987.7127	905.4221	874	122.5994	10.50983
320	8.4233	958.1638	905.6492	872	122.5994	10.48865
321	8.4403	987.9704	906.1307	870	122.5994	10.46757
322	8.4573	1021.058	907.9158	869	122.5994	10.44656
323	8.4743	1047.872	909.0713	867	122.5994	10.42565
324	8.4913	1049.78	911.6884	866	122.5994	10.40481
325	8.5083	1081.493	913.8932	864	122.5994	10.38406
326	8.5253	1024.38	916.8616	862	122.5994	10.36339
327	8.5423	1175.831	921.8339	861	122.5994	10.34281
328	8.5593	1131.856	927.1362	859	122.5994	10.3223
329	8.5763	1211.063	935.1994	858	122.5994	10.30188
330	8.5933	1206.721	944.5777	856	122.5994	10.28154
331	8.6103	1162.88	956.9622	854	122.5994	10.26128
332	8.6273	1227.594	974.1769	853	122.5994	10.24109
333	8.6443	1249.164	995.1625	851	122.5994	10.22099
334	8.6613	1278.012	1022.933	850	122.5994	10.20097
335	8.6783	1332.275	1056.506	848	122.5994	10.18102
336	8.6953	1332.275	1097.808	846	122.5994	10.16116
337	8.7123	1352.629	1148.546	845	122.5994	10.14137
338	8.7293	1408.193	1207.07	843	122.5994	10.12166
339	8.7463	1387.396	1274.213	841	122.5994	10.10202
340	8.7633	1463.52	1349.108	839	122.5994	10.08246
341	8.7803	1556.363	1430.009	837	122.5994	10.06298

342	8.7973	1649.076	1515.019	836	122.5994	10.04357
343	8.8143	1699.14	1597.856	834	122.5994	10.02424
344	8.8313	1730.036	1673.716	832	122.5994	10.00498
345	8.8483	1893.527	1735.566	830	122.5994	9.9858
346	8.8653	2044.012	1776.144	828	122.5994	9.96669
347	8.8823	2190.262	1789.768	826	122.5994	9.94765
348	8.8993	2312.391	1774.195	824	122.5994	9.92869
349	8.9163	2468.52	1732.44	823	122.5994	9.90979
350	8.9333	2739.082	1667.998	821	122.5994	9.89097
351	8.9503	2995.719	1589.036	819	122.5994	9.87222
352	8.9673	3052.448	1502.609	817	122.5994	9.85355
353	8.9843	2813.681	1414.6	815	122.5994	9.83494
354	9.0013	2271.26	1329.403	813	122.5994	9.8164
355	9.0183	1675.133	1251.002	812	122.5994	9.79794
356	9.0353	1288.723	1179.243	810	122.5994	9.77954
357	9.0523	1095.232	1116.052	808	122.5994	9.76121
358	9.0693	1036.537	1061.645	806	122.5994	9.74295
359	9.0863	994.7823	1015.711	804	122.5994	9.72476
360	9.1033	966.1701	977.5606	802	122.5994	9.70664
361	9.1203	902.1599	946.2866	800	122.5994	9.68859
362	9.1373	928.4049	920.8752	798	122.5994	9.6706
363	9.1543	932.8515	900.3106	796	122.5994	9.65268
364	9.1713	862.6446	883.6464	794	122.5994	9.63482
365	9.1883	846.7773	870.0474	792	122.5994	9.61704
366	9.2053	841.8673	858.8143	790	122.5994	9.59931
367	9.2223	815.8599	849.3828	788	122.5994	9.58166
368	9.2393	802.0348	841.3124	786	122.5994	9.56407
369	9.2563	821.8353	833.27	783	122.5994	9.54654
370	9.2733	856.4011	827.0081	781	122.5994	9.52908
371	9.2903	825.0137	821.347	779	122.5994	9.51168
372	9.3073	840.7132	816.1569	777	122.5994	9.49434
373	9.3243	772.9235	811.344	775	122.5994	9.47707
374	9.3413	800.0456	806.8395	773	122.5994	9.45986
375	9.3583	768.0916	802.593	771	122.5994	9.44272
376	9.3753	782.8236	798.5658	769	122.5994	9.42563
377	9.3923	763.3678	793.728	766	122.5994	9.40861
378	9.4093	732.2524	790.0555	764	122.5994	9.39165
379	9.4263	794.9159	786.5284	762	122.5994	9.37475
380	9.4433	755.415	783.1301	760	122.5994	9.35791
381	9.4603	752.7123	779.8466	758	122.5994	9.34113
382	9.4773	767.2361	776.6656	756	122.5994	9.32441
383	9.4943	785.9485	773.5768	754	122.5994	9.30776
384	9.5113	759.7093	770.5707	752	122.5994	9.29116
385	9.5283	725.3056	766.6393	749	122.5994	9.27462
386	9.5453	754.7022	763.7755	747	122.5994	9.25814
387	9.5623	775.0296	760.973	745	122.5994	9.24172
388	9.5793	754.748	757.2261	742	122.5994	9.22536
389	9.5963	719.6963	754.5299	740	122.5994	9.20905
390	9.6133	732.4982	750.88	737	122.5994	9.19281

391	9.6303	770.9621	748.2723	735	122.5994	9.17662
392	9.6473	753.0406	745.7033	733	122.5994	9.16048
393	9.6643	746.7769	742.1699	730	122.5994	9.14441
394	9.6813	722.1415	739.6691	728	122.5994	9.12839
395	9.6983	712.6719	736.1984	725	122.5994	9.11243
396	9.7153	729.0306	733.7554	723	122.5994	9.09652
397	9.7323	734.1701	731.338	721	122.5994	9.08067
398	9.7493	723.1822	727.9442	718	122.5994	9.06487
399	9.7663	671.371	725.5724	716	122.5994	9.04913
400	9.7833	652.9155	723.2209	714	122.5994	9.03344
401	9.8003	704.0805	719.8884	711	122.5994	9.01781
402	9.8173	715.5485	717.5734	709	122.5994	9.00224
403	9.8343	725.0143	714.2748	706	122.5994	8.98671
404	9.8513	702.1913	711.9914	704	122.5994	8.97124
405	9.8683	704.7717	709.7222	702	122.5994	8.95583
406	9.8853	694.0148	701.5532	699	122.5994	8.94046
407	9.9023	690.2754	699.4688	697	122.5994	8.92515
408	9.9193	691.7029	694	694	122.5994	8.90989
409	9.9363	683.5425	692	692	122.5994	8.89469
410	9.9533	698.0188	690	690	122.5994	8.87953
411	9.9703	706.6263	688	688	122.5994	8.86443
412	9.9873	680.9613	686	686	122.5994	8.84938
413	10.0043	671.4861	684	684	122.5994	8.83438
414	10.0213	680.0393	682	682	122.5994	8.81943
415	10.0383	671.782	680	680	122.5994	8.80454
416	10.0553	734.9296	679	679	122.5994	8.78969
417	10.0723	664.4098	677	677	122.5994	8.77489
418	10.0893	630.8663	675	675	122.5994	8.76014
419	10.1063	625.0068	673	673	122.5994	8.74545
420	10.1233	660.6607	671	671	122.5994	8.7308
421	10.1403	672.5305	669	669	122.5994	8.7162
422	10.1573	713.9889	667	667	122.5994	8.70165
423	10.1743	646.8082	665	665	122.5994	8.68715
424	10.1913	664.5722	663	663	122.5994	8.6727
425	10.2083	654.1186	661	661	122.5994	8.65829
426	10.2253	648.8769	659	659	122.5994	8.64394
427	10.2423	669.0719	658	658	122.5994	8.62963
428	10.2593	663.4097	656	656	122.5994	8.61537
429	10.2763	669.5675	654	654	122.5994	8.60115
430	10.2933	637.0528	652	652	122.5994	8.58698
431	10.3103	616.3887	650	650	122.5994	8.57286
432	10.3273	637.82	648	648	122.5994	8.55879
433	10.3443	646.6367	646	646	122.5994	8.54476
434	10.3613	663.3798	645	645	122.5994	8.53078
435	10.3783	674.258	645	645	122.5994	8.51685
436	10.3953	652.977	644	644	122.5994	8.50296
437	10.4123	681.992	643	643	122.5994	8.48911
438	10.4293	679.141	642	642	122.5994	8.47531
439	10.4463	671.47	642	642	122.5994	8.46156

440	10.4633	670.3251	641	641	122.5994	8.44785
441	10.4803	659.8673	640	640	122.5994	8.43418
442	10.4973	663.2344	640	640	122.5994	8.42056
443	10.5143	673.9074	639	639	122.5994	8.40699
444	10.5313	720.2033	638	638	122.5994	8.39345
445	10.5483	721.4515	638	638	122.5994	8.37996
446	10.5653	702.2631	637	637	122.5994	8.36652
447	10.5823	724.6769	636	636	122.5994	8.35312
448	10.5993	710.1065	635	635	122.5994	8.33976
449	10.6163	712.0692	635	635	122.5994	8.32644
450	10.6333	713.0174	634	634	122.5994	8.31317
451	10.6503	675.4549	633	633	122.5994	8.29994
452	10.6673	649.6748	633	633	122.5994	8.28675
453	10.6843	623.3241	632	632	122.5994	8.2736
454	10.7013	615.0515	631	631	122.5994	8.26049
455	10.7183	649.939	630	630	122.5994	8.24743
456	10.7353	636.4258	630	630	122.5994	8.23441
457	10.7523	621.9073	629	629	122.5994	8.22143
458	10.7693	632.5049	629	629	122.5994	8.20849
459	10.7863	613.7331	629	629	122.5994	8.19559
460	10.8033	640.8226	629	629	122.5994	8.18273
461	10.8203	658.8933	629	629	122.5994	8.16991
462	10.8373	669.9865	629	629	122.5994	8.15713
463	10.8543	618.3685	629	629	122.5994	8.1444
464	10.8713	648.889	629	629	122.5994	8.1317
465	10.8883	615.6312	629	629	122.5994	8.11904
466	10.9053	600.3519	629	629	122.5994	8.10642
467	10.9223	626.7848	629	629	122.5994	8.09384
468	10.9393	688.7348	629	629	122.5994	8.0813
469	10.9563	628.9438	629	629	122.5994	8.0688
470	10.9733	616.8742	629	629	122.5994	8.05634
471	10.9903	632.2408	629	629	122.5994	8.04392
472	11.0073	610.7305	629	629	122.5994	8.03153
473	11.0243	615.8252	629	629	122.5994	8.01919
474	11.0413	621.7938	629	629	122.5994	8.00688
475	11.0583	638.0924	629	629	122.5994	7.99461
476	11.0753	656.3645	629	629	122.5994	7.98237
477	11.0923	624.8219	629	629	122.5994	7.97018
478	11.1093	668.9263	629	629	122.5994	7.95802
479	11.1263	627.1837	629	629	122.5994	7.9459
480	11.1433	648.2964	629	629	122.5994	7.93381
481	11.1603	643.7473	629	629	122.5994	7.92177
482	11.1773	608.0153	629	629	122.5994	7.90976
483	11.1943	596.5542	629	629	122.5994	7.89778
484	11.2113	624.8443	629	629	122.5994	7.88585
485	11.2283	631.7914	629	629	122.5994	7.87394
486	11.2453	637.6469	629	629	122.5994	7.86208
487	11.2623	639.6991	629	629	122.5994	7.85025
488	11.2793	619.8166	628	628	122.5994	7.83846

489	11.2963	617.5574	628	628	122.5994	7.8267
490	11.3133	615.2746	628	628	122.5994	7.81498
491	11.3303	609.257	628	628	122.5994	7.80329
492	11.3473	603.0329	628	628	122.5994	7.79164
493	11.3643	613.874	628	628	122.5994	7.78002
494	11.3813	650.8478	628	628	122.5994	7.76844
495	11.3983	645.1573	628	628	122.5994	7.75689
496	11.4153	630.0218	628	628	122.5994	7.74537
497	11.4323	629.9857	628	628	122.5994	7.73389
498	11.4493	599.2469	628	628	122.5994	7.72245
499	11.4663	613.7986	628	628	122.5994	7.71104
500	11.4833	617.6392	628	628	122.5994	7.69966
501	11.5003	622.6026	628	628	122.5994	7.68832
502	11.5173	625.0117	627	627	122.5994	7.67701
503	11.5343	637.0653	627	627	122.5994	7.66573
504	11.5513	652.6645	627	627	122.5994	7.65449
505	11.5683	617.1541	627	627	122.5994	7.64328
506	11.5853	640.4267	627	627	122.5994	7.6321
507	11.6023	622.858	627	627	122.5994	7.62095
508	11.6193	642.8773	626	626	122.5994	7.60984
509	11.6363	598.8085	626	626	122.5994	7.59876
510	11.6533	554.3396	626	626	122.5994	7.58772
511	11.6703	603.7588	625	625	122.5994	7.5767
512	11.6873	629.8574	625	625	122.5994	7.56572
513	11.7043	586.6243	624	624	122.5994	7.55477
514	11.7213	643.9956	626.8804	624	122.5994	7.54385
515	11.7383	616.2388	628.3857	624	122.5994	7.53296
516	11.7553	635.8706	627.5699	623	122.5994	7.52211
517	11.7723	642.0514	627.7659	623	122.5994	7.51128
518	11.7893	613.2188	627.9747	623	122.5994	7.50049
519	11.8063	608.2769	627.1974	622	122.5994	7.48973
520	11.8233	655.3347	627.4354	622	122.5994	7.479
521	11.8403	649.6506	627.6899	622	122.5994	7.4683
522	11.8573	615.7319	626.9627	621	122.5994	7.45763
523	11.8743	598.044	627.2553	621	122.5994	7.44699
524	11.8913	652.7916	627.5699	621	122.5994	7.43638
525	11.9083	641.0127	626.9086	620	122.5994	7.4258
526	11.9253	619.7285	627.274	620	122.5994	7.41525
527	11.9423	596.924	627.6689	620	122.5994	7.40474
528	11.9593	618.9486	627.0964	619	122.5994	7.39425
529	11.9763	664.6554	627.5604	619	122.5994	7.38379
530	11.9933	663.581	627.065	618	122.5994	7.37336
531	12.0103	645.3245	627.615	618	122.5994	7.36297
532	12.0273	634.8555	627.2159	617	122.5994	7.3526
533	12.0443	620.3204	627.8742	617	122.5994	7.34226
534	12.0613	674.3869	627.5974	616	122.5994	7.33195
535	12.0783	672.0586	628.394	616	122.5994	7.32166
536	12.0953	637.597	628.2743	615	122.5994	7.31141
537	12.1123	650.9697	628.2505	614	122.5994	7.30119

538	12.1293	689.5461	629.337	614	122.5994	7.29099
539	12.1463	682.6933	629.5518	613	122.5994	7.28083
540	12.1633	660.5023	630.9174	613	122.5994	7.27069
541	12.1803	683.0706	631.4633	612	122.5994	7.26058
542	12.1973	713.9969	633.2291	612	122.5994	7.2505
543	12.2143	709.4868	634.2711	611	122.5994	7.24045
544	12.2313	684.3248	636.6702	611	122.5994	7.23042
545	12.2483	709.5314	638.5455	610	122.5994	7.22042
546	12.2653	739.3714	641.0724	609	122.5994	7.21045
547	12.2823	737.1666	645.5043	609	122.5994	7.20051
548	12.2993	751.1851	650.2005	608	122.5994	7.1906
549	12.3163	769.3856	657.6497	608	122.5994	7.18071
550	12.3333	728.4942	666.4882	607	122.5994	7.17085
551	12.3503	749.9102	679.4995	607	122.5994	7.16102
552	12.3673	770.4564	695.5847	606	122.5994	7.15121
553	12.3843	767.9871	716.6998	605	122.5994	7.14144
554	12.4013	802.5439	744.7404	605	122.5994	7.13168
555	12.4183	859.7522	778.3937	604	122.5994	7.12196
556	12.4353	926.4152	819.9531	604	122.5994	7.11226
557	12.4523	872.4321	867.1	603	122.5994	7.10259
558	12.4693	953.5213	920.665	603	122.5994	7.09294
559	12.4863	942.4536	976.3124	602	122.5994	7.08333
560	12.5033	944.5808	1031.231	601	122.5994	7.07373
561	12.5203	1017.943	1081	601	122.5994	7.06417
562	12.5373	1028.55	1117.121	600	122.5994	7.05463
563	12.5543	1090.853	1135.624	600	122.5994	7.04511
564	12.5713	1126.118	1131.242	599	122.5994	7.03562
565	12.5883	1268.947	1106.755	599	122.5994	7.02616
566	12.6053	1311.522	1064.517	598	122.5994	7.01672
567	12.6223	1229.139	1012.698	598	122.5994	7.00731
568	12.6393	1142.64	955.3961	597	122.5994	6.99792
569	12.6563	958.1152	898.5109	596	122.5994	6.98856
570	12.6733	847.5716	846.4092	596	122.5994	6.97923
571	12.6903	732.6898	799.0925	595	122.5994	6.96991
572	12.7073	699.3998	759.4818	595	122.5994	6.96063
573	12.7243	656.2483	725.7147	594	122.5994	6.95137
574	12.7413	641.6967	699.3763	594	122.5994	6.94213
575	12.7583	655.3722	677.7114	593	122.5994	6.93292
576	12.7753	642.2266	660.8026	592	122.5994	6.92373
577	12.7923	610.3241	648.7061	592	122.5994	6.91457
578	12.8093	605.5639	638.5541	591	122.5994	6.90543
579	12.8263	635.449	630.606	590	122.5994	6.89631
580	12.8433	636.9075	625.2689	590	122.5994	6.88722
581	12.8603	612.6431	620.0926	589	122.5994	6.87816
582	12.8773	610.1014	615.7485	588	122.5994	6.86912
583	12.8943	589.7865	612.006	587	122.5994	6.8601
584	12.9113	579.0376	608.7061	586	122.5994	6.8511
585	12.9283	591.1477	606.7408	586	122.5994	6.84213
586	12.9453	595.3711	604.036	585	122.5994	6.83319

587	12.9623	580.6411	601.5402	584	122.5994	6.82426
588	12.9793	565.2225	599.2164	583	122.5994	6.81536
589	12.9963	583.6398	597.0371	582	122.5994	6.80649
590	13.0133	585.5438	595.9812	582	122.5994	6.79763
591	13.0303	590.9274	594.0317	581	122.5994	6.7888
592	13.0473	584.9512	592.1746	580	122.5994	6.78
593	13.0643	563.1953	590.3983	579	122.5994	6.77121
594	13.0813	575.0763	589.6931	579	122.5994	6.76245
595	13.0983	573.3262	588.0507	578	122.5994	6.75371
596	13.1153	586.6538	586.4638	577	122.5994	6.74499
597	13.1323	543.6487	584.9264	576	122.5994	6.7363
598	13.1493	573.5153	583.433	575	122.5994	6.72763
599	13.1663	564.2159	582.9791	575	122.5994	6.71898
600	13.1833	574.4114	581.5606	574	122.5994	6.71036
601	13.2003	584.7811	580.1739	573	122.5994	6.70175
602	13.2173	581.1194	578.8159	572	122.5994	6.69317
603	13.2343	535.8487	577.4838	571	122.5994	6.68461
604	13.2513	547.2119	576.1753	570	122.5994	6.67607
605	13.2683	542.8884	574.8881	569	122.5994	6.66756
606	13.2853	590.7558	573.6204	568	122.5994	6.65907
607	13.3023	602.7179	573.3704	568	122.5994	6.65059
608	13.3193	540.9602	572.1366	567	122.5994	6.64214
609	13.3363	512.6413	570.9177	566	122.5994	6.63371
610	13.3533	542.0085	569.7125	565	122.5994	6.62531
611	13.3703	606.6215	568.5197	564	122.5994	6.61692
612	13.3873	544.1797	567.3384	563	122.5994	6.60856
613	13.4043	528.2775	563.4534	562	122.5994	6.60021
614	13.4213	546.6854	562.3961	561	122.5994	6.59189
615	13.4383	552.9441	560	560	122.5994	6.58359
616	13.4553	579.4009	559	559	122.5994	6.57531
617	13.4723	554.9915	558.0599	558	122.5994	6.56705
618	13.4893	577.3846	557.1809	557	122.5994	6.55881
619	13.5063	540.1126	556.249	556	122.5994	6.5506
620	13.5233	536.5763	556.3286	556	122.5994	6.5424
621	13.5403	539.744	555.3699	555	122.5994	6.53423
622	13.5573	543.7748	554.4051	554	122.5994	6.52607
623	13.5743	558.0517	553.4456	553	122.5994	6.51793
624	13.5913	542.8522	552.4924	552	122.5994	6.50982
625	13.6083	549.0406	551.5471	551	122.5994	6.50173
626	13.6253	559.074	551.6112	551	122.5994	6.49365
627	13.6423	542.623	551.7226	551	122.5994	6.4856
628	13.6593	549.8718	551.8165	551	122.5994	6.47757
629	13.6763	549.8264	550.9475	550	122.5994	6.46955
630	13.6933	550.0735	551.0879	550	122.5994	6.46156
631	13.7103	576.1985	551.2628	550	122.5994	6.45358
632	13.7273	600.9892	551.4869	550	122.5994	6.44563
633	13.7443	587.7251	551.7885	550	122.5994	6.4377
634	13.7613	567.141	552.2241	550	122.5994	6.42978
635	13.7783	555.6144	552.9075	550	122.5994	6.42189

636	13.7953	593.8801	554.043	550	122.5994	6.41401
637	13.8123	578.54	554.9431	549	122.5994	6.40615
638	13.8293	545.116	557.9863	549	122.5994	6.39832
639	13.8463	551.8668	562.4724	549	122.5994	6.3905
640	13.8633	607.9272	568.3561	549	122.5994	6.3827
641	13.8803	576.2017	574.8578	549	122.5994	6.37492
642	13.8973	535.8121	580.2451	549	122.5994	6.36716
643	13.9143	631.8001	582.6031	549	122.5994	6.35942
644	13.9313	589.0731	581.2558	549	122.5994	6.3517
645	13.9483	584.2673	575.9583	548	122.5994	6.344
646	13.9653	620.2098	570.2497	548	122.5994	6.33631
647	13.9823	572.3013	564.7841	548	122.5994	6.32865
648	13.9993	553.3811	560.6146	548	122.5994	6.321
649	14.0163	579.18	558.0794	548	122.5994	6.31337
650	14.0333	544.231	556.9737	548	122.5994	6.30576
651	14.0503	594.6135	555.73	547	122.5994	6.29817
652	14.0673	524.7888	555.5912	547	122.5994	6.2906
653	14.0843	580.2738	555.0153	547	122.5994	6.28304
654	14.1013	560.5246	552.9448	546	122.5994	6.27551
655	14.1183	535.928	551.5753	546	122.5994	6.26799
656	14.1353	507.9512	549.2036	545	122.5994	6.26049
657	14.1523	525.475	548.0608	545	122.5994	6.25301
658	14.1693	538.7094	547.22	545	122.5994	6.24554
659	14.1863	568.2306	545.6494	544	122.5994	6.2381
660	14.2033	550.5826	545.2787	544	122.5994	6.23067
661	14.2203	537.3292	545.0378	544	122.5994	6.22326
662	14.2373	523.5141	543.8745	543	122.5994	6.21587
663	14.2543	546.5923	543.756	543	122.5994	6.20849
664	14.2713	531.4306	543.6646	543	122.5994	6.20113
665	14.2883	526.5056	542.5908	542	122.5994	6.19379
666	14.3053	508.498	542.5295	542	122.5994	6.18647
667	14.3223	532.0993	542.4778	542	122.5994	6.17917
668	14.3393	520.9864	541.3813	541	122.5994	6.17188
669	14.3563	511.3269	541.2455	541	122.5994	6.16461
670	14.3733	525.2809	541.1747	541	122.5994	6.15736
671	14.3903	545.2677	540.1079	540	122.5994	6.15012
672	14.4073	549.4174	540.0865	540	122.5994	6.1429
673	14.4243	557.5	539.0784	539	122.5994	6.1357
674	14.4413	554.0042	539.0714	539	122.5994	6.12851
675	14.4583	536.1188	538.0652	538	122.5994	6.12135
676	14.4753	544.9259	538.0599	538	122.5994	6.1142
677	14.4923	545.8545	537.0551	537	122.5994	6.10706
678	14.5093	523.6564	537.0188	537	122.5994	6.09995
679	14.5263	507.0619	536.0173	536	122.5994	6.09284
680	14.5433	519.0605	536	536	122.5994	6.08576
681	14.5603	510.126	535	535	122.5994	6.07869
682	14.5773	507.6429	535	535	122.5994	6.07164
683	14.5943	535.5466	534.088	534	122.5994	6.06461
684	14.6113	550.8327	534.0954	534	122.5994	6.05759

685	14.6283	516.0511	533.1469	533	122.5994	6.05059
686	14.6453	539.0342	532.16	532	122.5994	6.0436
687	14.6623	527.6233	532.1749	532	122.5994	6.03664
688	14.6793	541.5185	531.192	531	122.5994	6.02968
689	14.6963	540.0532	531.2118	531	122.5994	6.02275
690	14.7133	542.085	530.2348	530	122.5994	6.01583
691	14.7303	542.9001	530.2617	530	122.5994	6.00892
692	14.7473	555.078	529.2934	529	122.5994	6.00203
693	14.7643	511.8758	529.3312	529	122.5994	5.99516
694	14.7813	531.1789	528.3766	528	122.5994	5.9883
695	14.7983	537.9058	528.4321	528	122.5994	5.98146
696	14.8153	533.8339	527.5007	527	122.5994	5.97464
697	14.8323	584.3672	526.5873	526	122.5994	5.96783
698	14.8493	552.3334	526.7009	526	122.5994	5.96103
699	14.8663	532.4673	525.8588	525	122.5994	5.95425
700	14.8833	472.8227	526.0975	525	122.5994	5.94749
701	14.9003	519.8497	525.4888	524	122.5994	5.94074
702	14.9173	517.9798	526.1554	524	122.5994	5.93401
703	14.9343	501.0627	526.2698	523	122.5994	5.9273
704	14.9513	526.8193	528.0099	523	122.5994	5.92059
705	14.9683	491.026	529.4603	522	122.5994	5.91391
706	14.9853	546.1054	532.4559	522	122.5994	5.90724
707	15.0023	501.4972	534.3672	521	122.5994	5.90058
708	15.0193	549.3281	536.1104	521	122.5994	5.89394
709	15.0363	572.9377	534.996	520	122.5994	5.88732
710	15.0533	527.1036	532.2896	519	122.5994	5.88071
711	15.0703	564.3334	529.6149	519	122.5994	5.87411
712	15.0873	565.5686	525.7437	518	122.5994	5.86753
713	15.1043	552.2287	523.2994	518	122.5994	5.86096
714	15.1213	552.2603	520.5094	517	122.5994	5.85441
715	15.1383	545.5005	519.3267	517	122.5994	5.84788
716	15.1553	533.5894	517.5978	516	122.5994	5.84136
717	15.1723	539.279	517.1619	516	122.5994	5.83485
718	15.1893	543.5888	515.8963	515	122.5994	5.82836
719	15.2063	559.4864	515.7241	515	122.5994	5.82188
720	15.2233	561.1859	514.6031	514	122.5994	5.81542
721	15.2403	524.6112	514.5123	514	122.5994	5.80897
722	15.2573	543.9695	513.4412	513	122.5994	5.80253
723	15.2743	563.6004	512.3839	512	122.5994	5.79611
724	15.2913	521.3009	511.3371	511	122.5994	5.78971
725	15.3083	516.3767	511.2982	511	122.5994	5.78332
726	15.3253	528.1064	510.2657	510	122.5994	5.77694
727	15.3423	521.5826	509.2382	509	122.5994	5.77058
728	15.3593	552.8158	508.2148	508	122.5994	5.76423
729	15.3763	537.1185	508.1946	508	122.5994	5.75789
730	15.3933	535.6479	507.1771	507	122.5994	5.75157
731	15.4103	507.4904	506.1619	506	122.5994	5.74527
732	15.4273	486.4102	505.1485	505	122.5994	5.73897
733	15.4443	504.0773	505.1367	505	122.5994	5.73269

734	15.4613	476.6438	504.0469	504	122.5994	5.72643
735	15.4783	476.9167	503.0433	503	122.5994	5.72018
736	15.4953	512.3856	503	503	122.5994	5.71394
737	15.5123	486.1892	502.0432	502	122.5994	5.70772
738	15.5293	541.9075	501.0468	501	122.5994	5.70151
739	15.5463	531.8229	500.0717	500	122.5994	5.69531
740	15.5633	508.493	500.0781	500	122.5994	5.68913
741	15.5803	518.79	499.0854	499	122.5994	5.68296
742	15.5973	515.5564	498.0936	498	122.5994	5.6768
743	15.6143	515.2701	497.1032	497	122.5994	5.67066
744	15.6313	484.4292	497.1143	497	122.5994	5.66453
745	15.6483	519.4241	496.1272	496	122.5994	5.65842
746	15.6653	471.9462	496.1425	496	122.5994	5.65231
747	15.6823	503.3532	496.1606	496	122.5994	5.64622
748	15.6993	455.2015	497.1824	497	122.5994	5.64015
749	15.7163	524.7722	497.2089	497	122.5994	5.63409
750	15.7333	487.1053	497.2416	497	122.5994	5.62804
751	15.7503	509.5056	497.2827	497	122.5994	5.622
752	15.7673	509.783	497.3362	497	122.5994	5.61598
753	15.7843	557.4083	498.4097	498	122.5994	5.60997
754	15.8013	570.3663	498.5193	498	122.5994	5.60397
755	15.8183	526.9345	498.6968	498	122.5994	5.59798
756	15.8353	518.7359	498.9984	498	122.5994	5.59201
757	15.8523	518.9511	499.5053	498	122.5994	5.58605
758	15.8693	525.0337	501.3066	499	122.5994	5.58011
759	15.8863	518.1209	502.455	499	122.5994	5.57418
760	15.9033	524.4198	503.8955	499	122.5994	5.56826
761	15.9203	514.8337	505.3634	499	122.5994	5.56235
762	15.9373	512.6103	507.3481	500	122.5994	5.55645
763	15.9543	543.79	507.4534	500	122.5994	5.55057
764	15.9713	538.7167	506.7624	500	122.5994	5.5447
765	15.9883	515.8687	505.5477	500	122.5994	5.53884
766	16.0053	504.5452	504.1436	500	122.5994	5.533
767	16.0223	505.9655	503.8831	501	122.5994	5.52717
768	16.0393	492.9669	502.9258	501	122.5994	5.52135
769	16.0563	498.9714	502.2755	501	122.5994	5.51554
770	16.0733	509.6107	502.8668	502	122.5994	5.50974
771	16.0903	504.8863	502.6205	502	122.5994	5.50396
772	16.1073	537.9821	502.4716	502	122.5994	5.49819
773	16.1243	512.4247	503.3768	503	122.5994	5.49243
774	16.1413	506.663	504.3117	504	122.5994	5.48668
775	16.1583	482.2077	504.2636	504	122.5994	5.48095
776	16.1753	495.0104	504.2263	504	122.5994	5.47523
777	16.1923	507.6275	505.1965	505	122.5994	5.46952
778	16.2093	522.5385	506.1722	506	122.5994	5.46382
779	16.2263	463.9211	506.1521	506	122.5994	5.45813
780	16.2433	487.2576	506.1353	506	122.5994	5.45246
781	16.2603	515.9209	507.1212	507	122.5994	5.4468
782	16.2773	505.3089	508.1091	508	122.5994	5.44115

783	16.2943	543.4633	508.0987	508	122.5994	5.43551
784	16.3113	552.197	508.0898	508	122.5994	5.42988
785	16.3283	589.7117	509.082	509	122.5994	5.42427
786	16.3453	540.3966	510.0751	510	122.5994	5.41866
787	16.3623	508.6728	510.0691	510	122.5994	5.41307
788	16.3793	506.2595	510.0239	510	122.5994	5.40749
789	16.3963	510.566	511.022	511	122.5994	5.40192
790	16.4133	574.4049	512	512	122.5994	5.39637
791	16.4303	501.9314	512	512	122.5994	5.39082
792	16.4473	484.8816	512	512	122.5994	5.38529
793	16.4643	529.5783	513	513	122.5994	5.37977
794	16.4813	540.6116	514	514	122.5994	5.37426
795	16.4983	504.705	514	514	122.5994	5.36876
796	16.5153	489.8264	514	514	122.5994	5.36327
797	16.5323	501.2019	515	515	122.5994	5.35779
798	16.5493	504.7636	516	516	122.5994	5.35233
799	16.5663	536.0174	516	516	122.5994	5.34687
800	16.5833	489.9629	516	516	122.5994	5.34143
801	16.6003	523.9324	517	517	122.5994	5.336
802	16.6173	494.7227	518	518	122.5994	5.33058
803	16.6343	528.3963	518	518	122.5994	5.32517
804	16.6513	553.5154	518	518	122.5994	5.31977
805	16.6683	518.4887	519	519	122.5994	5.31438
806	16.6853	525.647	520	520	122.5994	5.309
807	16.7023	545.91	520	520	122.5994	5.30364
808	16.7193	531.2175	520	520	122.5994	5.29828
809	16.7363	510.7695	521	521	122.5994	5.29294
810	16.7533	518.1873	522	522	122.5994	5.28761
811	16.7703	519.2681	522	522	122.5994	5.28229
812	16.7873	516.4912	522	522	122.5994	5.27698
813	16.8043	528.9493	524.9749	523	122.5994	5.27168
814	16.8213	535.8535	526.0427	524	122.5994	5.26639
815	16.8383	526.3778	526.114	524	122.5994	5.26111
816	16.8553	513.1966	527.1839	524	122.5994	5.25584
817	16.8723	530.6812	528.2974	525	122.5994	5.25058
818	16.8893	534.8601	528.4169	525	122.5994	5.24534
819	16.9063	507.3003	529.5431	526	122.5994	5.2401
820	16.9233	479.1443	529.6763	526	122.5994	5.23487
821	16.9403	490.7584	529.8172	526	122.5994	5.22966
822	16.9573	501.7694	530.9662	527	122.5994	5.22445
823	16.9743	520.4669	531.1241	527	122.5994	5.21926
824	16.9913	545.4694	531.2916	527	122.5994	5.21408
825	17.0083	499.2716	532.4694	528	122.5994	5.2089
826	17.0253	509.7723	532.6584	528	122.5994	5.20374
827	17.0423	485.3996	532.8595	528	122.5994	5.19859
828	17.0593	496.3047	534.0738	529	122.5994	5.19345
829	17.0763	523.9835	534.3025	529	122.5994	5.18831
830	17.0933	521.3427	534.5468	529	122.5994	5.18319
831	17.1103	496.6685	535.8083	530	122.5994	5.17808

832	17.1273	524.613	536.0885	530	122.5994	5.17298
833	17.1443	537.3399	536.3892	530	122.5994	5.16789
834	17.1613	496.3434	537.7126	531	122.5994	5.16281
835	17.1783	527.0056	538.0608	531	122.5994	5.15774
836	17.1953	533.4637	538.4365	531	122.5994	5.15268
837	17.2123	511.0519	539.8425	532	122.5994	5.14762
838	17.2293	528.9681	540.2823	532	122.5994	5.14258
839	17.2463	524.8435	540.7596	532	122.5994	5.13755
840	17.2633	538.0085	542.2786	533	122.5994	5.13253
841	17.2803	533.9612	542.8447	533	122.5994	5.12752
842	17.2973	535.6329	543.4634	533	122.5994	5.12252
843	17.3143	515.0041	545.142	534	122.5994	5.11753
844	17.3313	544.371	545.8885	534	122.5994	5.11255
845	17.3483	523.6898	546.7135	534	122.5994	5.10758
846	17.3653	523.185	548.6299	535	122.5994	5.10261
847	17.3823	535.4453	549.6545	535	122.5994	5.09766
848	17.3993	538.1558	550.8099	535	122.5994	5.09272
849	17.4163	567.1817	553.1265	536	122.5994	5.08779
850	17.4333	525.6522	554.6465	536	122.5994	5.08286
851	17.4503	559.6488	557.428	537	122.5994	5.07795
852	17.4673	532.9283	559.551	537	122.5994	5.07305
853	17.4843	515.2999	562.124	537	122.5994	5.06815
854	17.5013	530.9512	566.2921	538	122.5994	5.06327
855	17.5183	555.2492	570.2437	538	122.5994	5.05839
856	17.5353	570.3385	575.2164	538	122.5994	5.05353
857	17.5523	596.5842	582.4989	539	122.5994	5.04867
858	17.5693	614.7794	590.4279	539	122.5994	5.04382
859	17.5863	589.4532	600.3754	539	122.5994	5.03899
860	17.6033	579.641	613.7325	540	122.5994	5.03416
861	17.6203	545.1368	628.8719	540	122.5994	5.02934
862	17.6373	563.1578	647.1415	540	122.5994	5.02453
863	17.6543	564.8206	669.6937	541	122.5994	5.01973
864	17.6713	563.7398	694.62	541	122.5994	5.01494
865	17.6883	587.4348	723.7126	542	122.5994	5.01016
866	17.7053	619.6402	754.5037	542	122.5994	5.00539
867	17.7223	635.0519	787.1222	542	122.5994	5.00062
868	17.7393	638.2847	821.2128	543	122.5994	4.99587
869	17.7563	664.3811	852.8667	543	122.5994	4.99112
870	17.7733	698.0303	880.6804	543	122.5994	4.98639
871	17.7903	715.2541	903.0043	544	122.5994	4.98166
872	17.8073	779.4735	915.4836	544	122.5994	4.97694
873	17.8243	800.905	917.665	544	122.5994	4.97224
874	17.8413	864.4472	910.3811	545	122.5994	4.96754
875	17.8583	891.7045	892.7292	545	122.5994	4.96285
876	17.8753	918.9529	867.7245	545	122.5994	4.95816
877	17.8923	992.6585	838.817	546	122.5994	4.95349
878	17.9093	924.147	806.4364	546	122.5994	4.94883
879	17.9263	880.0756	773.6549	546	122.5994	4.94417
880	17.9433	802.215	743.0656	547	122.5994	4.93953

881	17.9603	683.849	713.7632	547	122.5994	4.93489
882	17.9773	680.9925	688.4136	548	122.5994	4.93026
883	17.9943	587.8155	665.3386	548	122.5994	4.92564
884	18.0113	595.3603	645.5952	548	122.5994	4.92103
885	18.0283	553.074	630.0466	549	122.5994	4.91643
886	18.0453	594.3598	616.4238	549	122.5994	4.91184
887	18.0623	570.0184	605.3792	549	122.5994	4.90725
888	18.0793	550.6769	597.5333	550	122.5994	4.90267
889	18.0963	539.1603	590.5067	550	122.5994	4.89811
890	18.1133	583.8036	584.9502	550	122.5994	4.89355
891	18.1303	566.2282	580.5577	550	122.5994	4.889
892	18.1473	539.0451	577.1669	550	122.5994	4.88446
893	18.1643	546.5193	575.449	551	122.5994	4.87992
894	18.1813	558.6761	573.225	551	122.5994	4.8754
895	18.1983	543.1979	571.4826	551	122.5994	4.87088
896	18.2153	534.9878	570.0787	551	122.5994	4.86638
897	18.2323	561.4973	568.9471	551	122.5994	4.86188
898	18.2493	581.321	569.0777	552	122.5994	4.85739
899	18.2663	551.7797	568.4521	552	122.5994	4.8529
900	18.2833	523.3971	568.0255	552	122.5994	4.84843
901	18.3003	539.128	567.7754	552	122.5994	4.84396
902	18.3173	529.7611	567.6618	552	122.5994	4.83951
903	18.3343	530.688	567.6107	552	122.5994	4.83506
904	18.3513	535.7803	567.5394	552	122.5994	4.83062
905	18.3683	556.9704	568.3522	553	122.5994	4.82618
906	18.3853	563.6997	567.976	553	122.5994	4.82176
907	18.4023	554.9411	567.3875	553	122.5994	4.81734
908	18.4193	547.8965	566.6119	553	122.5994	4.81294
909	18.4363	567.1918	565.7062	553	122.5994	4.80854
910	18.4533	547.1442	565.7421	554	122.5994	4.80414
911	18.4703	540.5613	564.789	554	122.5994	4.79976
912	18.4873	552.2603	563.9007	554	122.5994	4.79539
913	18.5043	564.0698	563.1099	554	122.5994	4.79102
914	18.5213	555.9806	562.4315	554	122.5994	4.78666
915	18.5383	547.5702	562.8669	555	122.5994	4.78231
916	18.5553	544.2975	562.4099	555	122.5994	4.77797
917	18.5723	546.2107	563.0497	556	122.5994	4.77363
918	18.5893	544.1592	562.7749	556	122.5994	4.7693
919	18.6063	557.037	562.5757	556	122.5994	4.76498
920	18.6233	525.8104	563.4466	557	122.5994	4.76067
921	18.6403	544.6839	563.3915	557	122.5994	4.75637
922	18.6573	563.7824	564.4531	558	122.5994	4.75207
923	18.6743	570.4478	564.5693	558	122.5994	4.74779
924	18.6913	534.9404	565.923	559	122.5994	4.74351
925	18.7083	537.1508	566.3336	559	122.5994	4.73923
926	18.7253	555.1465	566.9649	559	122.5994	4.73497
927	18.7423	565.7311	568.9288	560	122.5994	4.73071
928	18.7593	598.3545	570.2021	560	122.5994	4.72646
929	18.7763	590.8225	572.8926	561	122.5994	4.72222

930	18.7933	624.6181	575.0414	561	122.5994	4.71799
931	18.8103	595.8259	578.6505	562	122.5994	4.71376
932	18.8273	640.2627	580.18	562	122.5994	4.70955
933	18.8443	644.0271	583.516	562	122.5994	4.70534
934	18.8613	626.5168	586.8716	563	122.5994	4.70113
935	18.8783	645.1721	590.0273	563	122.5994	4.69694
936	18.8953	651.2704	593.1316	564	122.5994	4.69275
937	18.9123	696.2391	594.0618	564	122.5994	4.68857
938	18.9293	684.221	593.7234	564	122.5994	4.6844
939	18.9463	644.1743	593.63	565	122.5994	4.68023
940	18.9633	634.9979	591.3326	565	122.5994	4.67608
941	18.9803	611.7195	589.5496	566	122.5994	4.67193
942	18.9973	597.8522	586.8256	566	122.5994	4.66778
943	19.0143	587.9033	584.0279	566	122.5994	4.66365
944	19.0313	576.6551	582.5089	567	122.5994	4.65952
945	19.0483	560.5081	580.3263	567	122.5994	4.6554
946	19.0653	542.927	579.4656	568	122.5994	4.65129
947	19.0823	531.9863	577.9022	568	122.5994	4.64718
948	19.0993	522.1531	577.6274	569	122.5994	4.64309
949	19.1163	534.7956	576.6183	569	122.5994	4.63899
950	19.1333	553.5352	575.8205	569	122.5994	4.63491
951	19.1503	539.2521	576.2733	570	122.5994	4.63084
952	19.1673	554.3728	575.9107	570	122.5994	4.62677
953	19.1843	554.6932	576.7371	571	122.5994	4.6227
954	19.2013	564.2544	576.8003	571	122.5994	4.61865
955	19.2183	565.9853	577.9257	572	122.5994	4.6146
956	19.2353	544.1727	578.1909	572	122.5994	4.61056
957	19.2523	555.0376	578.6254	572	122.5994	4.60653
958	19.2693	565.5285	580.188	573	122.5994	4.6025
959	19.2863	553.0448	580.9085	573	122.5994	4.59849
960	19.3033	562.5669	582.7852	574	122.5994	4.59447
961	19.3203	580.6816	583.8019	574	122.5994	4.59047
962	19.3373	579.1229	585.9208	575	122.5994	4.58647
963	19.3543	599.8299	587.0748	575	122.5994	4.58248
964	19.3713	578.5976	589.1663	576	122.5994	4.5785
965	19.3883	613.5985	591.0873	577	122.5994	4.57452
966	19.4053	603.5768	591.7637	577	122.5994	4.57055
967	19.4223	614.7149	593.1944	578	122.5994	4.56659
968	19.4393	600.1469	593.4357	578	122.5994	4.56264
969	19.4563	575.3795	594.6002	579	122.5994	4.55869
970	19.4733	604.1732	595.8271	580	122.5994	4.55475
971	19.4903	653.9879	596.2612	580	122.5994	4.55081
972	19.5073	642.2994	598.0438	581	122.5994	4.54688
973	19.5243	635.4871	600.2982	582	122.5994	4.54296
974	19.5413	658.857	602.1321	582	122.5994	4.53905
975	19.5583	617.0111	605.642	583	122.5994	4.53514
976	19.5753	664.4842	608.9171	583	122.5994	4.53124
977	19.5923	635.0568	614.0364	584	122.5994	4.52735
978	19.6093	650.1532	620.0639	585	122.5994	4.52346

979	19.6263	644.7374	626.0338	585	122.5994	4.51958
980	19.6433	637.025	633.8421	586	122.5994	4.51571
981	19.6603	666.4661	642.5605	587	122.5994	4.51184
982	19.6773	679.976	651.1163	587	122.5994	4.50798
983	19.6943	714.9811	661.4114	588	122.5994	4.50413
984	19.7113	730.6451	672.3214	589	122.5994	4.50029
985	19.7283	735.2173	682.8924	589	122.5994	4.49645
986	19.7453	722.3635	694.9951	590	122.5994	4.49261
987	19.7623	767.6746	706.2221	590	122.5994	4.48879
988	19.7793	803.1545	717.0524	590	122.5994	4.48497
989	19.7963	852.8749	727.7086	591	122.5994	4.48115
990	19.8133	875.2404	735.4319	591	122.5994	4.47735
991	19.8303	873.8911	741.7403	592	122.5994	4.47355
992	19.8473	835.4302	744.479	592	122.5994	4.46975
993	19.8643	841.6656	744.7787	592	122.5994	4.46597
994	19.8813	884.893	743.9471	593	122.5994	4.46219
995	19.8983	928.4501	740.3713	593	122.5994	4.45841
996	19.9153	924.0875	736.3933	594	122.5994	4.45465
997	19.9323	847.648	730.205	594	122.5994	4.45088
998	19.9493	856.8999	723.861	595	122.5994	4.44713
999	19.9663	890.3045	715.395	595	122.5994	4.44338
1000	19.9833	885.3179	705.9442	595	122.5994	4.43964
1001	20.0003	855.3158	696.7974	596	122.5994	4.4359
1002	20.0173	828.2397	686.3484	596	122.5994	4.43218
1003	20.0343	787.1178	679.1385	597	122.5994	4.42845
1004	20.0513	783.5395	669.4186	597	122.5994	4.42474
1005	20.0683	781.7611	660.5477	597	122.5994	4.42103
1006	20.0853	762.4167	653.8755	598	122.5994	4.41732
1007	20.1023	774.1727	647.2128	598	122.5994	4.41363
1008	20.1193	754.5649	642.684	599	122.5994	4.40994
1009	20.1363	724.9839	638.2031	599	122.5994	4.40625
1010	20.1533	729.7335	634.5934	599	122.5994	4.40257
1011	20.1703	672.8612	632.76	600	122.5994	4.3989
1012	20.1873	705.4214	630.4788	600	122.5994	4.39523
1013	20.2043	748.9015	629.5574	601	122.5994	4.39157
1014	20.2213	717.5077	627.8912	601	122.5994	4.38792
1015	20.2383	720.6944	627.3614	602	122.5994	4.38427
1016	20.2553	710.1567	625.9122	602	122.5994	4.38063
1017	20.2723	703.0035	624.5252	602	122.5994	4.377
1018	20.2893	688.2381	624.4016	603	122.5994	4.37337
1019	20.3063	695.9581	623.1829	603	122.5994	4.36974
1020	20.3233	658.4898	623.0756	604	122.5994	4.36613
1021	20.3403	674.9104	622.1915	604	122.5994	4.36252
1022	20.3573	665.9826	621.3631	604	122.5994	4.35891
1023	20.3743	650.4212	621.7049	605	122.5994	4.35531
1024	20.3913	660.5596	621.2308	605	122.5994	4.35172
1025	20.4083	667.1955	621.9498	606	122.5994	4.34813
1026	20.4253	709.7856	621.8681	606	122.5994	4.34455
1027	20.4423	657.3298	622.9869	607	122.5994	4.34098

1028	20.4593	673.8259	623.3027	607	122.5994	4.33741
1029	20.4763	609.2475	623.8129	607	122.5994	4.33385
1030	20.4933	638.6886	625.5215	608	122.5994	4.33029
1031	20.5103	635.785	626.4412	608	122.5994	4.32674
1032	20.5273	666.6	628.4871	609	122.5994	4.3232
1033	20.5443	672.9527	629.8947	609	122.5994	4.31966
1034	20.5613	674.2147	631.5805	609	122.5994	4.31612
1035	20.5783	661.7613	633.5676	609	122.5994	4.3126
1036	20.5953	678.9425	636.8746	610	122.5994	4.30907
1037	20.6123	635.9085	639.5142	610	122.5994	4.30556
1038	20.6293	663.2073	642.4922	610	122.5994	4.30205
1039	20.6463	698.782	645.9517	610	122.5994	4.29855
1040	20.6633	705.3677	649.6185	610	122.5994	4.29505
1041	20.6803	687.7521	654.6539	611	122.5994	4.29156
1042	20.6973	683.2283	659.1815	611	122.5994	4.28807
1043	20.7143	686.4528	664.2827	611	122.5994	4.28459
1044	20.7313	702.8626	670.5684	611	122.5994	4.28111
1045	20.7483	711.2842	678.9176	611	122.5994	4.27764
1046	20.7653	715.1193	691.8221	612	122.5994	4.27418
1047	20.7823	753.8725	711.099	612	122.5994	4.27072
1048	20.7993	775.7041	742.4662	612	122.5994	4.26727
1049	20.8163	809.6099	792.5996	612	122.5994	4.26382
1050	20.8333	858.5906	868.0896	612	122.5994	4.26038
1051	20.8503	911.8213	974.5643	613	122.5994	4.25695
1052	20.8673	1030.044	1106.55	613	122.5994	4.25352
1053	20.8843	1166.537	1248.115	613	122.5994	4.25009
1054	20.9013	1280.95	1363.932	613	122.5994	4.24667
1055	20.9183	1439.779	1415.801	613	122.5994	4.24326
1056	20.9353	1689.931	1400.082	614	122.5994	4.23985
1057	20.9523	1903.147	1334.963	614	122.5994	4.23645
1058	20.9693	1757.274	1236.653	614	122.5994	4.23306
1059	20.9863	1507.65	1120.786	614	122.5994	4.22967
1060	21.0033	1380.758	1009.541	614	122.5994	4.22628
1061	21.0203	1168.417	916.983	613	122.5994	4.2229
1062	21.0373	953.0707	848.3583	613	122.5994	4.21953
1063	21.0543	780.4949	800.0206	613	122.5994	4.21616
1064	21.0713	751.4778	767.1001	613	122.5994	4.2128
1065	21.0883	755.6786	744.567	613	122.5994	4.20944
1066	21.1053	701.9397	728.342	613	122.5994	4.20609
1067	21.1223	716.898	715.6551	613	122.5994	4.20274
1068	21.1393	687.7935	704.7534	613	122.5994	4.1994
1069	21.1563	712.3578	694.8208	613	122.5994	4.19606
1070	21.1733	675.9979	685.5649	613	122.5994	4.19273
1071	21.1903	659.4101	676.8942	613	122.5994	4.18941
1072	21.2073	614.6177	668.8518	613	122.5994	4.18609
1073	21.2243	606.1431	661.655	613	122.5994	4.18277
1074	21.2413	619.5893	655.3507	613	122.5994	4.17946
1075	21.2583	618.3197	648.9575	612	122.5994	4.17616
1076	21.2753	649.1826	644.5396	612	122.5994	4.17286

1077	21.2923	662.9836	641.0319	612	122.5994	4.16957
1078	21.3093	587.1656	638.3695	612	122.5994	4.16628
1079	21.3263	585.6063	636.4686	612	122.5994	4.163
1080	21.3433	638.6641	635.2274	612	122.5994	4.15972
1081	21.3603	612.704	634.5244	612	122.5994	4.15645
1082	21.3773	610.3126	634.2143	612	122.5994	4.15318
1083	21.3943	611.2587	634.1268	612	122.5994	4.14992
1084	21.4113	584.7538	634.0848	612	122.5994	4.14666
1085	21.4283	623.0776	632.9506	611	122.5994	4.14341
1086	21.4453	636.341	632.6675	611	122.5994	4.14016
1087	21.4623	603.1558	633.0001	611	122.5994	4.13692
1088	21.4793	621.1449	632.5691	611	122.5994	4.13369
1089	21.4963	611.003	632.1715	611	122.5994	4.13046
1090	21.5133	611.5051	631.9284	611	122.5994	4.12723
1091	21.5303	633.7119	630.8822	610	122.5994	4.12401
1092	21.5473	640.6632	631.1044	610	122.5994	4.12079
1093	21.5643	637.533	631.6053	610	122.5994	4.11758
1094	21.5813	637.3345	632.3578	610	122.5994	4.11438
1095	21.5983	643.6819	633.303	610	122.5994	4.11118
1096	21.6153	627.1709	634.3604	610	122.5994	4.10798
1097	21.6323	605.1713	635.4448	610	122.5994	4.10479
1098	21.6493	599.2585	635.4874	609	122.5994	4.10161
1099	21.6663	598.4268	636.4515	609	122.5994	4.09843
1100	21.6833	626.0147	637.3319	609	122.5994	4.09525
1101	21.7003	640.102	638.1363	609	122.5994	4.09209
1102	21.7173	609.1927	638.7866	609	122.5994	4.08892
1103	21.7343	609.3619	639.3865	609	122.5994	4.08576
1104	21.7513	648.3412	638.7927	608	122.5994	4.08261
1105	21.7683	611.3954	636.866	608	122.5994	4.07946
1106	21.7853	580.3571	636.8487	608	122.5994	4.07631
1107	21.8023	619.0596	636.593	608	122.5994	4.07317
1108	21.8193	577.9192	636.1126	608	122.5994	4.07004
1109	21.8363	562.4605	635.0606	608	122.5994	4.06691
1110	21.8533	607.6638	633.1633	607	122.5994	4.06378
1111	21.8703	610.6803	632.0988	607	122.5994	4.06066
1112	21.8873	628.1213	630.9529	607	122.5994	4.05754
1113	21.9043	644.0529	629.8599	607	122.5994	4.05443
1114	21.9213	625.9951	628.9993	607	122.5994	4.05133
1115	21.9383	615.3594	628.6251	607	122.5994	4.04823
1116	21.9553	576.377	629.153	607	122.5994	4.04513
1117	21.9723	595.7325	630.9858	606	122.5994	4.04204
1118	21.9893	624.1769	636.0384	606	122.5994	4.03895
1119	22.0063	603.2316	645.7578	606	122.5994	4.03587
1120	22.0233	655.7656	662.3245	606	122.5994	4.03279
1121	22.0403	655.068	686.8132	606	122.5994	4.02972
1122	22.0573	618.0722	718.4816	606	122.5994	4.02665
1123	22.0743	706.2275	751.5364	605	122.5994	4.02359
1124	22.0913	669.8939	776.9333	605	122.5994	4.02053
1125	22.1083	698.5813	783.3484	605	122.5994	4.01748

1126	22.1253	728.9301	773.4777	605	122.5994	4.01443
1127	22.1423	730.2434	754.4745	605	122.5994	4.01139
1128	22.1593	730.3999	728.9078	605	122.5994	4.00835
1129	22.1763	698.4939	698.9702	604	122.5994	4.00532
1130	22.1933	640.7495	672.5461	604	122.5994	4.00229
1131	22.2103	625.3294	651.992	604	122.5994	3.99926
1132	22.2273	598.7062	636.6378	603	122.5994	3.99624
1133	22.2443	587.3218	627.4434	603	122.5994	3.99322
1134	22.2613	610.1359	621.9097	603	122.5994	3.99021
1135	22.2783	595.4182	617.709	602	122.5994	3.98721
1136	22.2953	608.0258	615.8888	602	122.5994	3.98421
1137	22.3123	620.6295	614.8733	602	122.5994	3.98121
1138	22.3293	633.0273	613.3533	601	122.5994	3.97822
1139	22.3463	615.3793	613.168	601	122.5994	3.97523
1140	22.3633	602.6818	613.225	601	122.5994	3.97224
1141	22.3803	592.5388	612.457	600	122.5994	3.96927
1142	22.3973	610.0592	612.8026	600	122.5994	3.96629
1143	22.4143	599.1474	613.1978	600	122.5994	3.96332
1144	22.4313	578.7974	612.5753	599	122.5994	3.96036
1145	22.4483	589.7632	612.8708	599	122.5994	3.9574
1146	22.4653	601.6052	612.0337	598	122.5994	3.95444
1147	22.4823	611.6691	612.0376	598	122.5994	3.95149
1148	22.4993	553.4954	611.8832	598	122.5994	3.94854
1149	22.5163	601.9424	610.5951	597	122.5994	3.9456
1150	22.5333	595.8165	610.3549	597	122.5994	3.94266
1151	22.5503	580.8209	609.9418	597	122.5994	3.93973
1152	22.5673	603.2267	608.5449	596	122.5994	3.9368
1153	22.5843	606.2227	608.2204	596	122.5994	3.93387
1154	22.6013	581.6014	608.0222	596	122.5994	3.93095
1155	22.6183	592.0763	608.0043	596	122.5994	3.92803
1156	22.6353	603.6452	608.2243	596	122.5994	3.92512
1157	22.6523	600.8859	608.6722	596	122.5994	3.92222
1158	22.6693	582.8756	610.5847	597	122.5994	3.91931
1159	22.6863	585.2444	611.9803	597	122.5994	3.91641
1160	22.7033	585.6509	612.9584	597	122.5994	3.91352
1161	22.7203	604.3692	615.7341	597	122.5994	3.91063
1162	22.7373	595.4945	619.3699	597	122.5994	3.90774
1163	22.7543	590.501	623.9943	597	122.5994	3.90486
1164	22.7713	589.9374	629.7087	597	122.5994	3.90199
1165	22.7883	569.0841	637.5637	598	122.5994	3.89911
1166	22.8053	622.394	645.5289	598	122.5994	3.89625
1167	22.8223	586.4385	654.4571	598	122.5994	3.89338
1168	22.8393	601.3795	664.0406	598	122.5994	3.89052
1169	22.8563	646.9545	674.4332	598	122.5994	3.88767
1170	22.8733	623.4925	683.7004	598	122.5994	3.88482
1171	22.8903	618.5328	691.7504	598	122.5994	3.88197
1172	22.9073	642.0485	697.9969	598	122.5994	3.87913
1173	22.9243	661.9634	702.3707	598	122.5994	3.87629
1174	22.9413	644.6638	705.1887	599	122.5994	3.87346

1175	22.9583	686.2722	704.7512	599	122.5994	3.87063
1176	22.9753	678.1871	702.2933	599	122.5994	3.8678
1177	22.9923	695.3754	698.3094	599	122.5994	3.86498
1178	23.0093	673.3089	693.522	599	122.5994	3.86216
1179	23.0263	652.8482	688.7381	599	122.5994	3.85935
1180	23.0433	674.9475	684.637	599	122.5994	3.85654
1181	23.0603	657.3688	682.4998	600	122.5994	3.85374
1182	23.0773	669.0125	679.8466	600	122.5994	3.85093
1183	23.0943	667.8401	676.189	600	122.5994	3.84814
1184	23.1113	643.36	670.1745	600	122.5994	3.84535
1185	23.1283	652.0543	662.4064	600	122.5994	3.84256
1186	23.1453	643.0421	654.2334	600	122.5994	3.83977
1187	23.1623	615.0515	645.8347	600	122.5994	3.83699
1188	23.1793	604.4279	637.5764	600	122.5994	3.83422
1189	23.1963	617.6456	630.2611	600	122.5994	3.83145
1190	23.2133	632.1199	625.4026	601	122.5994	3.82868
1191	23.2303	600.2842	621.0231	601	122.5994	3.82592
1192	23.2473	559.945	617.8977	601	122.5994	3.82316
1193	23.2643	600.9465	615.7306	601	122.5994	3.8204
1194	23.2813	597.1113	614.2472	601	122.5994	3.81765
1195	23.2983	554.6391	613.2388	601	122.5994	3.8149
1196	23.3153	542.9001	612.5687	601	122.5994	3.81216
1197	23.3323	556.6903	613.1572	602	122.5994	3.80942
1198	23.3493	568.8231	612.9625	602	122.5994	3.80669
1199	23.3663	612.9871	612.97	602	122.5994	3.80396
1200	23.3833	601.3588	613.1897	602	122.5994	3.80123
1201	23.4003	611.4997	613.6686	602	122.5994	3.79851
1202	23.4173	598.4991	614.5247	602	122.5994	3.79579
1203	23.4343	570.4244	616.0145	602	122.5994	3.79307
1204	23.4513	587.6466	619.6204	603	122.5994	3.79036
1205	23.4683	599.3394	624.0547	603	122.5994	3.78765
1206	23.4853	609.3839	631.3212	603	122.5994	3.78495
1207	23.5023	624.2456	642.0948	603	122.5994	3.78225
1208	23.5193	654.4661	656.2969	603	122.5994	3.77955
1209	23.5363	635.2208	673.142	604	122.5994	3.77686
1210	23.5533	644.8414	686.3127	604	122.5994	3.77418
1211	23.5703	621.2476	691.8195	604	122.5994	3.77149
1212	23.5873	653.385	689.783	604	122.5994	3.76881
1213	23.6043	625.5948	684.0143	604	122.5994	3.76614
1214	23.6213	690.6624	677.1269	605	122.5994	3.76346
1215	23.6383	683.1257	667.6072	605	122.5994	3.7608
1216	23.6553	691.7056	658.6182	605	122.5994	3.75813
1217	23.6723	665.6122	652.2584	605	122.5994	3.75547
1218	23.6893	693.6598	650.1898	606	122.5994	3.75281
1219	23.7063	690.4543	650.4284	606	122.5994	3.75016
1220	23.7233	647.5015	652.7475	606	122.5994	3.74751
1221	23.7403	659.2335	656.4269	606	122.5994	3.74487
1222	23.7573	674.9866	661.6591	606	122.5994	3.74223
1223	23.7743	680.3611	668.4797	607	122.5994	3.73959

1224	23.7913	659.2134	674.7178	607	122.5994	3.73696
1225	23.8083	645.1721	680.9179	607	122.5994	3.73433
1226	23.8253	636.1815	687.005	607	122.5994	3.7317
1227	23.8423	645.1993	692.572	607	122.5994	3.72908
1228	23.8593	688.4764	697.8293	608	122.5994	3.72646
1229	23.8763	676.3729	700.5222	608	122.5994	3.72384
1230	23.8933	669.1563	701.4203	608	122.5994	3.72123
1231	23.9103	684.0207	700.2039	608	122.5994	3.71863
1232	23.9273	671.141	697.6165	608	122.5994	3.71602
1233	23.9443	665.746	693.7064	609	122.5994	3.71342
1234	23.9613	649.141	687.5045	609	122.5994	3.71083
1235	23.9783	635.5765	680.5612	609	122.5994	3.70823
1236	23.9953	666.6418	673.161	609	122.5994	3.70565
1237	24.0123	680.2501	667.5609	610	122.5994	3.70306
1238	24.0293	638.4816	662.1976	610	122.5994	3.70048
1239	24.0463	599.4082	658.6519	610	122.5994	3.6979
1240	24.0633	616.4621	658.0259	610	122.5994	3.69533
1241	24.0803	616.4731	659.9012	610	122.5994	3.69276
1242	24.0973	624.0791	665.9328	611	122.5994	3.69019
1243	24.1143	637.3119	671.7479	611	122.5994	3.68763
1244	24.1313	643.8779	675.1359	611	122.5994	3.68507
1245	24.1483	656.9194	674.183	611	122.5994	3.68251
1246	24.1653	597.6614	670.6306	611	122.5994	3.67996
1247	24.1823	608.5215	667.686	612	122.5994	3.67741
1248	24.1993	606.8433	663.8839	612	122.5994	3.67487
1249	24.2163	634.9429	660.9057	612	122.5994	3.67233
1250	24.2333	635.689	660.0728	612	122.5994	3.66979
1251	24.2503	630.548	661.6668	612	122.5994	3.66725
1252	24.2673	643.8393	664.6537	612	122.5994	3.66472
1253	24.2843	645.1721	668.5607	612	122.5994	3.6622
1254	24.3013	669.793	674.6248	612	122.5994	3.65967
1255	24.3183	675.9161	683.4235	612	122.5994	3.65715
1256	24.3353	686.3757	693.0018	612	122.5994	3.65464
1257	24.3523	662.0491	699.2534	612	122.5994	3.65212
1258	24.3693	721.5933	698.4197	612	122.5994	3.64961
1259	24.3863	679.8249	691.4964	612	122.5994	3.64711
1260	24.4033	661.8827	682.1735	612	122.5994	3.64461
1261	24.4203	674.2983	673.1984	612	122.5994	3.64211
1262	24.4373	656.477	661.3138	612	122.5994	3.63961
1263	24.4543	633.1307	649.5936	612	122.5994	3.63712
1264	24.4713	639.7284	639.8132	612	122.5994	3.63463
1265	24.4883	601.2467	633.3181	612	122.5994	3.63215
1266	24.5053	629.0442	628.4041	612	122.5994	3.62967
1267	24.5223	580.5373	625.2659	612	122.5994	3.62719
1268	24.5393	608.8139	623.3091	612	122.5994	3.62471
1269	24.5563	617.9181	622.116	612	122.5994	3.62224
1270	24.5733	651.7417	621.9783	612	122.5994	3.61978
1271	24.5903	642.242	621.4932	612	122.5994	3.61731
1272	24.6073	604.8442	621.1744	612	122.5994	3.61485

1273	24.6243	589.2349	620.9769	612	122.5994	3.6124
1274	24.6413	608.8935	622.1721	613	122.5994	3.60994
1275	24.6583	644.6939	623.169	614	122.5994	3.60749
1276	24.6753	639.3755	624.2455	615	122.5994	3.60504
1277	24.6923	614.1935	624.3985	615	122.5994	3.6026
1278	24.7093	603.9648	625.6278	616	122.5994	3.60016
1279	24.7263	592.9427	626.935	617	122.5994	3.59772
1280	24.7433	625.9454	628.3229	618	122.5994	3.59529
1281	24.7603	636.9776	629.7952	619	122.5994	3.59286
1282	24.7773	627.1324	631.3552	620	122.5994	3.59043
1283	24.7943	619.1966	633.0062	621	122.5994	3.58801
1284	24.8113	636.3668	634.75	622	122.5994	3.58559
1285	24.8283	682.8615	635.5872	622	122.5994	3.58317
1286	24.8453	695.4155	637.5156	623	122.5994	3.58076
1287	24.8623	688.1855	639.5825	624	122.5994	3.57835
1288	24.8793	708.3607	641.2389	625	122.5994	3.57594
1289	24.8963	658.9371	643.427	626	122.5994	3.57354
1290	24.9133	684.4157	645.6926	627	122.5994	3.57114
1291	24.9303	706.2775	647.1998	628	122.5994	3.56874
1292	24.9473	678.9986	649.7501	629	122.5994	3.56635
1293	24.9643	721.6438	651.5237	629	122.5994	3.56396
1294	24.9813	775.028	654.6479	630	122.5994	3.56157
1295	24.9983	697.4622	658.3044	631	122.5994	3.55919
1296	25.0153	685.7392	662.739	632	122.5994	3.55681
1297	25.0323	748.2418	668.2702	633	122.5994	3.55443
1298	25.0493	712.12	675.29	634	122.5994	3.55206
1299	25.0663	722.4704	683.2534	634	122.5994	3.54969
1300	25.0833	733.7962	694.6526	635	122.5994	3.54732
1301	25.1003	723.9356	707.9736	635	122.5994	3.54496
1302	25.1173	707.6913	725.6307	636	122.5994	3.5426
1303	25.1343	777.4932	746.8834	637	122.5994	3.54024
1304	25.1513	713.2866	770.7445	637	122.5994	3.53789
1305	25.1683	727.7269	798.8467	638	122.5994	3.53553
1306	25.1853	799.2226	829.3024	639	122.5994	3.53319
1307	25.2023	845.0847	859.5343	639	122.5994	3.53084
1308	25.2193	844.7225	889.1767	640	122.5994	3.5285
1309	25.2363	949.5655	914.2541	641	122.5994	3.52616
1310	25.2533	915.1251	930.8615	641	122.5994	3.52383
1311	25.2703	914.8695	939.1492	642	122.5994	3.52149
1312	25.2873	970.592	937.8753	643	122.5994	3.51917
1313	25.3043	923.9315	927.0947	643	122.5994	3.51684
1314	25.3213	871.7982	910.5347	644	122.5994	3.51452
1315	25.3383	822.4486	889.3197	645	122.5994	3.5122
1316	25.3553	776.1348	864.8665	645	122.5994	3.50988
1317	25.3723	803.8297	841.5978	646	122.5994	3.50757
1318	25.3893	823.6851	819.5746	646	122.5994	3.50526
1319	25.4063	770.4817	802.3093	647	122.5994	3.50295
1320	25.4233	764.6842	789.7861	648	122.5994	3.50065
1321	25.4403	785.1818	781.5428	648	122.5994	3.49835

1322	25.4573	778.7607	779.6907	649	122.5994	3.49605
1323	25.4743	756.2641	781.7928	649	122.5994	3.49375
1324	25.4913	761.322	788.5453	650	122.5994	3.49146
1325	25.5083	767.3043	795.5128	650	122.5994	3.48917
1326	25.5253	796.0154	802.2485	651	122.5994	3.48689
1327	25.5423	826.7563	805.9778	651	122.5994	3.48461
1328	25.5593	835.8381	807.2979	651	122.5994	3.48233
1329	25.5763	824.5228	806.2523	652	122.5994	3.48005
1330	25.5933	829.2808	800.7855	652	122.5994	3.47778
1331	25.6103	812.7991	793.9348	653	122.5994	3.47551
1332	25.6273	798.8604	784.5189	653	122.5994	3.47324
1333	25.6443	793.4637	774.0316	653	122.5994	3.47098
1334	25.6613	812.8409	764.0731	654	122.5994	3.46872
1335	25.6783	815.6658	753.9789	654	122.5994	3.46646
1336	25.6953	837.1998	744.3243	655	122.5994	3.4642
1337	25.7123	833.8727	734.1105	655	122.5994	3.46195
1338	25.7293	760.7098	725.4825	656	122.5994	3.4597
1339	25.7463	752.7978	723.5159	656	122.5994	3.45746
1340	25.7633	695.4577	715.6204	656	122.5994	3.45521
1341	25.7803	725.4775	709.5861	657	122.5994	3.45297
1342	25.7973	748.2906	703.4594	657	122.5994	3.45074
1343	25.8143	676.3101	699.2496	658	122.5994	3.4485
1344	25.8313	717.6136	694.9261	658	122.5994	3.44627
1345	25.8483	723.6235	699.9898	658	122.5994	3.44404
1346	25.8653	723.6235	698.5197	659	122.5994	3.44182
1347	25.8823	677.8726	696.6959	659	122.5994	3.4396
1348	25.8993	696.6055	695.4233	659	122.5994	3.43738
1349	25.9163	681.3053	697.0901	659	122.5994	3.43516
1350	25.9333	700.6805	696.7437	659	122.5994	3.43295
1351	25.9503	642.2802	696.7535	659	122.5994	3.43074
1352	25.9673	686.4528	698.0436	660	122.5994	3.42853
1353	25.9843	682.2783	698.5554	660	122.5994	3.42633
1354	26.0013	645.7812	699.209	660	122.5994	3.42413
1355	26.0183	694.523	699.9924	660	122.5994	3.42193
1356	26.0353	710.4413	700.9012	660	122.5994	3.41973
1357	26.0523	693.2822	702.9598	661	122.5994	3.41754
1358	26.0693	681.2003	704.1725	661	122.5994	3.41535
1359	26.0863	693.111	705.5425	661	122.5994	3.41316
1360	26.1033	654.3039	705.5516	661	122.5994	3.41098
1361	26.1203	644.4277	707.3644	661	122.5994	3.40879
1362	26.1373	675.256	709.3992	661	122.5994	3.40662
1363	26.1543	699.4415	712.6736	662	122.5994	3.40444
1364	26.1713	711.6975	714.4463	662	122.5994	3.40227
1365	26.1883	700.1432	717.2912	662	122.5994	3.4001
1366	26.2053	739.1965	720.4236	662	122.5994	3.39793
1367	26.2223	735.3864	723.9417	662	122.5994	3.39577
1368	26.2393	729.731	727.87	662	122.5994	3.3936
1369	26.2563	733.5128	733.1737	663	122.5994	3.39145
1370	26.2733	757.2764	738.1521	663	122.5994	3.38929

1371	26.2903	737.5279	743.8049	663	122.5994	3.38714
1372	26.3073	718.2364	749.2681	662	122.5994	3.38499
1373	26.3243	715.9241	756.7045	662	122.5994	3.38284
1374	26.3413	697.8265	765.3088	662	122.5994	3.38069
1375	26.3583	733.7079	775.308	662	122.5994	3.37855
1376	26.3753	771.9203	786.9639	662	122.5994	3.37641
1377	26.3923	767.3043	800.577	662	122.5994	3.37428
1378	26.4093	795.4452	816.4988	662	122.5994	3.37214
1379	26.4263	827.1754	835.1561	662	122.5994	3.37001
1380	26.4433	843.0085	857.0881	662	122.5994	3.36789
1381	26.4603	891.9957	883.001	662	122.5994	3.36576
1382	26.4773	942.5951	913.7867	662	122.5994	3.36364
1383	26.4943	991.6637	950.573	662	122.5994	3.36152
1384	26.5113	995.2256	994.886	662	122.5994	3.3594
1385	26.5283	1119.747	1049.135	662	122.5994	3.35729
1386	26.5453	1194.495	1117.668	662	122.5994	3.35517
1387	26.5623	1291.486	1209.3	662	122.5994	3.35307
1388	26.5793	1494.572	1341.634	661	122.5994	3.35096
1389	26.5963	1569.719	1548.222	661	122.5994	3.34886
1390	26.6133	1780.08	1870.479	661	122.5994	3.34676
1391	26.6303	2214.493	2347.5	661	122.5994	3.34466
1392	26.6473	2538.849	2999.357	661	122.5994	3.34256
1393	26.6643	3139.674	3802.441	661	122.5994	3.34047
1394	26.6813	3837.376	4649.384	661	122.5994	3.33838
1395	26.6983	4865.745	5322.866	661	122.5994	3.33629
1396	26.7153	6355.578	5604.273	660	122.5994	3.33421
1397	26.7323	7637.453	5509.608	660	122.5994	3.33213
1398	26.7493	7036.6	5220.094	660	122.5994	3.33005
1399	26.7663	5283.672	4827.816	659	122.5994	3.32797
1400	26.7833	4435.908	4326.244	659	122.5994	3.3259
1401	26.8003	4498.225	3756.677	659	122.5994	3.32383
1402	26.8173	3919.118	3218.51	658	122.5994	3.32176
1403	26.8343	2821.277	2776.655	658	122.5994	3.31969
1404	26.8513	2135.054	2440.375	658	122.5994	3.31763
1405	26.8683	1914.28	2193.092	658	122.5994	3.31557
1406	26.8853	1810.458	2008.414	657	122.5994	3.31351
1407	26.9023	1745.249	1863.824	657	122.5994	3.31146
1408	26.9193	1741.142	1740.806	657	122.5994	3.3094
1409	26.9363	1643.096	1625.628	656	122.5994	3.30735
1410	26.9533	1525.344	1516.751	656	122.5994	3.30531
1411	26.9703	1418.95	1412.809	656	122.5994	3.30326
1412	26.9873	1296.631	1314.615	655	122.5994	3.30122
1413	27.0043	1193.835	1224.885	655	122.5994	3.29918
1414	27.0213	1066.928	1144.208	655	122.5994	3.29714
1415	27.0383	978.4518	1073.124	655	122.5994	3.29511
1416	27.0553	905.0835	1010.62	654	122.5994	3.29308
1417	27.0723	842.2524	958.2549	654	122.5994	3.29105
1418	27.0893	801.5818	914.2897	654	122.5994	3.28902
1419	27.1063	804.4565	876.8094	653	122.5994	3.287

1420	27.1233	820.2231	846.8051	653	122.5994	3.28497
1421	27.1403	799.7433	822.2769	653	122.5994	3.28295
1422	27.1573	770.4554	801.2764	652	122.5994	3.28094
1423	27.1743	766.1543	784.9497	652	122.5994	3.27892
1424	27.1913	783.2131	771.5591	652	122.5994	3.27691
1425	27.2083	757.8105	760.4891	652	122.5994	3.2749
1426	27.2253	729.0468	750.2417	651	122.5994	3.2729
1427	27.2423	749.6487	742.4241	651	122.5994	3.27089
1428	27.2593	719.8961	735.7332	651	122.5994	3.26889
1429	27.2763	733.4779	728.9396	650	122.5994	3.26689
1430	27.2933	721.1081	723.8691	650	122.5994	3.2649
1431	27.3103	704.7284	719.3931	650	122.5994	3.2629
1432	27.3273	661.1161	714.4147	649	122.5994	3.26091
1433	27.3443	675.3792	712.1914	649	122.5994	3.25892
1434	27.3613	672.5615	708.8047	649	122.5994	3.25694
1435	27.3783	711.3441	706.026	649	122.5994	3.25495
1436	27.3953	722.9569	702.5432	648	122.5994	3.25297
1437	27.4123	671.6004	700.36	648	122.5994	3.25099
1438	27.4293	699.2952	698.2645	648	122.5994	3.24902
1439	27.4463	707.176	695.5405	647	122.5994	3.24704
1440	27.4633	677.2155	694.0396	647	122.5994	3.24507
1441	27.4803	722.8342	692.7562	647	122.5994	3.2431
1442	27.4973	745.5253	690.6906	646	122.5994	3.24114
1443	27.5143	790.0744	689.8496	646	122.5994	3.23917
1444	27.5313	809.2541	688.2477	645	122.5994	3.23721
1445	27.5483	858.0169	687.9081	645	122.5994	3.23525
1446	27.5653	784.4285	686.8645	644	122.5994	3.2333
1447	27.5823	887.592	686.1616	643	122.5994	3.23134
1448	27.5993	796.5156	686.8561	643	122.5994	3.22939
1449	27.6163	839.2167	687.0178	642	122.5994	3.22744
1450	27.6333	824.3058	688.729	642	122.5994	3.22549
1451	27.6503	792.0404	690.0848	641	122.5994	3.22355
1452	27.6673	755.0557	693.5062	641	122.5994	3.22161
1453	27.6843	749.4522	689.5983	640	122.5994	3.21967
1454	27.7013	749.6386	694.8638	640	122.5994	3.21773
1455	27.7183	758.6423	700.434	639	122.5994	3.2158
1456	27.7353	744.0264	708.84	639	122.5994	3.21386
1457	27.7523	741.5603	715.6707	638	122.5994	3.21193
1458	27.7693	784.9988	731.1105	638	122.5994	3.21001
1459	27.7863	833.0016	751.2858	637	122.5994	3.20808
1460	27.8033	849.3738	778.3677	636	122.5994	3.20616
1461	27.8203	842.4384	813.0931	636	122.5994	3.20424
1462	27.8373	891.6641	850.3453	635	122.5994	3.20232
1463	27.8543	925.8447	879.8562	635	122.5994	3.2004
1464	27.8713	929.3682	901.0992	634	122.5994	3.19849
1465	27.8883	936.4737	911.9032	634	122.5994	3.19658
1466	27.9053	927.6327	919.168	633	122.5994	3.19467
1467	27.9223	959.9018	927.3805	632	122.5994	3.19276
1468	27.9393	993.8171	942.2527	631	122.5994	3.19086

1469	27.9563	968.3508	963.2546	631	122.5994	3.18896
1470	27.9733	1027.495	989.3101	630	122.5994	3.18706
1471	27.9903	1086.575	1016.278	629	122.5994	3.18516
1472	28.0073	1123.781	1035.148	628	122.5994	3.18327
1473	28.0243	1151.574	1040.581	628	122.5994	3.18137
1474	28.0413	1160.611	1028.095	627	122.5994	3.17948
1475	28.0583	1157.963	1003.474	626	122.5994	3.1776
1476	28.0753	1151.021	971.5377	625	122.5994	3.17571
1477	28.0923	1015.993	932.6498	625	122.5994	3.17383
1478	28.1093	939.7888	885.0125	624	122.5994	3.17195
1479	28.1263	925.3887	836.2111	623	122.5994	3.17007
1480	28.1433	851.0039	793.2596	622	122.5994	3.16819
1481	28.1603	773.134	757.6777	621	122.5994	3.16632
1482	28.1773	701.1223	729.5452	621	122.5994	3.16445
1483	28.1943	715.2561	706.7071	620	122.5994	3.16258
1484	28.2113	718.2534	689.8585	619	122.5994	3.16071
1485	28.2283	664.5347	678.1968	618	122.5994	3.15884
1486	28.2453	710.373	672.0325	618	122.5994	3.15698
1487	28.2623	723.2538	669.0744	617	122.5994	3.15512
1488	28.2793	665.9616	670.3181	616	122.5994	3.15326
1489	28.2963	670.9068	675.6302	615	122.5994	3.15141
1490	28.3133	676.407	684.082	614	122.5994	3.14955
1491	28.3303	684.0046	693.0254	613	122.5994	3.1477
1492	28.3473	647.1688	697.7656	612	122.5994	3.14585
1493	28.3643	665.6275	695.1666	611	122.5994	3.14401
1494	28.3813	628.2456	687.7264	610	122.5994	3.14216
1495	28.3983	674.6401	679.3256	609	122.5994	3.14032
1496	28.4153	615.2635	670.6773	608	122.5994	3.13848
1497	28.4323	659.8873	660.6423	607	122.5994	3.13664
1498	28.4493	636.0387	649.7457	606	122.5994	3.13481
1499	28.4663	632.0206	639.7944	605	122.5994	3.13297
1500	28.4833	615.2871	631.9191	604	122.5994	3.13114
1501	28.5003	635.5478	626.2544	603	122.5994	3.12931
1502	28.5173	626.5422	622.5125	602	122.5994	3.12749
1503	28.5343	652.7493	620.2399	601	122.5994	3.12566
1504	28.5513	608.333	618.6652	600	122.5994	3.12384
1505	28.5683	577.7446	618.1506	599	122.5994	3.12202
1506	28.5853	601.5361	618.131	598	122.5994	3.1202
1507	28.6023	603.5447	618.4645	597	122.5994	3.11838
1508	28.6193	596.6242	619.0306	596	122.5994	3.11657
1509	28.6363	623.5737	619.6994	595	122.5994	3.11476
1510	28.6533	599.6064	620.319	594	122.5994	3.11295
1511	28.6703	614.9577	620.7195	593	122.5994	3.11114
1512	28.6873	625.1324	620.7293	592	122.5994	3.10934
1513	28.7043	606.3895	620.2001	591	122.5994	3.10753
1514	28.7213	591.0373	619.0416	590	122.5994	3.10573
1515	28.7383	589.7754	617.2474	589	122.5994	3.10394
1516	28.7553	627.2143	614.8886	588	122.5994	3.10214
1517	28.7723	630.4285	611.0785	586	122.5994	3.10034

1518	28.7893	608.7265	607.9434	585	122.5994	3.09855
1519	28.8063	589.0586	604.6153	584	122.5994	3.09676
1520	28.8233	600.8264	601.2288	583	122.5994	3.09497
1521	28.8403	606.6268	597.9083	582	122.5994	3.09319
1522	28.8573	587.4854	593.7504	580	122.5994	3.09141
1523	28.8743	598.9617	590.8156	579	122.5994	3.08962
1524	28.8913	582.7393	588.1317	578	122.5994	3.08784
1525	28.9083	595.1879	585.7015	577	122.5994	3.08607
1526	28.9253	592.3327	582.6609	575	122.5994	3.08429
1527	28.9423	598.6397	580.743	574	122.5994	3.08252
1528	28.9593	579.5174	579.0106	573	122.5994	3.08075
1529	28.9763	551.0076	577.4329	572	122.5994	3.07898
1530	28.9933	568.8167	574.9109	571	122.5994	3.07721
1531	29.0103	562.4632	573.0579	569	122.5994	3.07545
1532	29.0273	611.9263	571.8337	568	122.5994	3.07369
1533	29.0443	568.2509	570.613	567	122.5994	3.07193
1534	29.0613	552.4804	569.4952	566	122.5994	3.07017
1535	29.0783	600.0318	567.4126	564	122.5994	3.06841
1536	29.0953	560.8021	566.3577	563	122.5994	3.06666
1537	29.1123	531.7863	565.0762	562	122.5994	3.0649
1538	29.1293	584.2963	565.0739	562	122.5994	3.06315
1539	29.1463	565.5776	564.0873	561	122.5994	3.06141
1540	29.1633	555.3095	563.1152	560	122.5994	3.05966
1541	29.1803	550.6463	563.1563	560	122.5994	3.05792
1542	29.1973	592.0111	563.2103	560	122.5994	3.05618
1543	29.2143	545.9102	562.2768	559	122.5994	3.05444
1544	29.2313	547.7134	561.3558	558	122.5994	3.0527
1545	29.2483	581.4042	561.4477	558	122.5994	3.05096
1546	29.2653	560.6723	561.5527	558	122.5994	3.04923
1547	29.2823	546.6166	560.6716	557	122.5994	3.0475
1548	29.2993	566.5491	559.8049	556	122.5994	3.04577
1549	29.3163	589.0111	559.9539	556	122.5994	3.04404
1550	29.3333	590.4539	560.1196	556	122.5994	3.04231
1551	29.3503	580.1692	559.3035	555	122.5994	3.04059
1552	29.3673	537.675	558.5074	554	122.5994	3.03887
1553	29.3843	547.4919	558.7334	554	122.5994	3.03715
1554	29.4013	574.024	558.9841	554	122.5994	3.03543
1555	29.4183	562.9484	558.2627	553	122.5994	3.03372
1556	29.4353	560.9409	557.5735	552	122.5994	3.032
1557	29.4523	575.8227	558.051	552	122.5994	3.03029
1558	29.4693	566.4516	558.4509	552	122.5994	3.02858
1559	29.4863	532.955	557.9061	551	122.5994	3.02688
1560	29.5033	530.3103	557.4299	550	122.5994	3.02517
1561	29.5203	572.5666	558.1021	550	122.5994	3.02347
1562	29.5373	556.4222	558.8225	550	122.5994	3.02177
1563	29.5543	551.791	559.6787	550	122.5994	3.02007
1564	29.5713	554.5561	560.7044	550	122.5994	3.01837
1565	29.5883	569.1673	561.9403	550	122.5994	3.01667
1566	29.6053	587.3351	563.434	550	122.5994	3.01498

1567	29.6223	554.2137	565.2407	550	122.5994	3.01329
1568	29.6393	528.3474	567.4227	550	122.5994	3.0116
1569	29.6563	555.4196	570.0477	550	122.5994	3.00991
1570	29.6733	570.0715	573.187	550	122.5994	3.00822
1571	29.6903	609.2446	576.804	550	122.5994	3.00654
1572	29.7073	558.1672	580.2496	549	122.5994	3.00486
1573	29.7243	546.7463	585.6874	549	122.5994	3.00318
1574	29.7413	587.9672	592.0597	549	122.5994	3.0015
1575	29.7583	603.8644	599.6158	549	122.5994	2.99983
1576	29.7753	609.5501	608.6155	549	122.5994	2.99815
1577	29.7923	614.5341	619.0704	549	122.5994	2.99648
1578	29.8093	638.3768	630.9646	549	122.5994	2.99481
1579	29.8263	649.7812	644.1545	549	122.5994	2.99314
1580	29.8433	645.3034	658.3128	549	122.5994	2.99147
1581	29.8603	686.2768	672.8779	549	122.5994	2.98981
1582	29.8773	670.8349	687.0338	549	122.5994	2.98815
1583	29.8943	676.8244	699.761	549	122.5994	2.98649
1584	29.9113	693.8514	709.9907	549	122.5994	2.98483
1585	29.9283	654.7097	716.8154	549	122.5994	2.98317
1586	29.9453	756.1736	719.6996	549	122.5994	2.98152
1587	29.9623	708.2388	717.5664	548	122.5994	2.97986
1588	29.9793	720.7797	712.729	548	122.5994	2.97821
1589	29.9963	755.5013	704.7486	548	122.5994	2.97656
1590	30.0133	692.0213	693.3413	547	122.5994	2.97492
1591	30.0303	681.9577	681.3649	547	122.5994	2.97327
1592	30.0473	712.5576	668.826	547	122.5994	2.97163
1593	30.0643	686.74	656.8506	547	122.5994	2.96999
1594	30.0813	691.1202	645.5897	546	122.5994	2.96835
1595	30.0983	609.8165	638.0581	546	122.5994	2.96671
1596	30.1153	601.3825	634.1041	546	122.5994	2.96507
1597	30.1323	626.5692	632.0372	545	122.5994	2.96344
1598	30.1493	604.7762	632.7247	545	122.5994	2.96181
1599	30.1663	577.0609	631.8456	545	122.5994	2.96018
1600	30.1833	562.91	627.1852	545	122.5994	2.95855
1601	30.2003	613.1757	619.4127	544	122.5994	2.95692
1602	30.2173	641.2038	613.3544	544	122.5994	2.9553
1603	30.2343	611.4836	609.2895	544	122.5994	2.95367
1604	30.2513	571.7398	605.1055	543	122.5994	2.95205
1605	30.2683	584.4184	601.9562	543	122.5994	2.95043
1606	30.2853	596.7168	598.6313	543	122.5994	2.94881
1607	30.3023	570.2072	594.9504	543	122.5994	2.9472
1608	30.3193	558.973	588.3024	542	122.5994	2.94558
1609	30.3363	597.6705	582.646	542	122.5994	2.94397
1610	30.3533	568.3761	578.0854	542	122.5994	2.94236
1611	30.3703	542.5654	573.3853	541	122.5994	2.94075
1612	30.3873	579.2513	570.0459	541	122.5994	2.93915
1613	30.4043	605.3812	566.3769	541	122.5994	2.93754
1614	30.4213	596.2689	562.4128	540	122.5994	2.93594
1615	30.4383	601.1701	560.8214	540	122.5994	2.93434

1616	30.4553	576.1774	561.1183	540	122.5994	2.93274
1617	30.4723	566.4506	563.8808	540	122.5994	2.93114
1618	30.4893	585.4953	568.5161	539	122.5994	2.92955
1619	30.5063	622.5749	577.0558	539	122.5994	2.92795
1620	30.5233	609.2762	587.5895	539	122.5994	2.92636
1621	30.5403	639.4261	596.6355	538	122.5994	2.92477
1622	30.5573	649.6406	602.5533	538	122.5994	2.92318
1623	30.5743	592.1494	602.6914	538	122.5994	2.9216
1624	30.5913	631.1471	598.7557	538	122.5994	2.92001
1625	30.6083	606.8204	592.4849	537	122.5994	2.91843
1626	30.6253	609.9235	586.9094	537	122.5994	2.91685
1627	30.6423	600.4044	580.4027	537	122.5994	2.91527
1628	30.6593	566.4841	571.9235	536	122.5994	2.91369
1629	30.6763	570.2793	564.3539	536	122.5994	2.91211
1630	30.6933	539.836	557.8028	536	122.5994	2.91054
1631	30.7103	568.2023	552.8068	536	122.5994	2.90897
1632	30.7273	529.4388	548.3517	535	122.5994	2.9074
1633	30.7443	530.4851	546.1326	535	122.5994	2.90583
1634	30.7613	516.408	544.775	535	122.5994	2.90426
1635	30.7783	576.3184	543.9584	535	122.5994	2.9027
1636	30.7953	543.9599	543.4636	535	122.5994	2.90113
1637	30.8123	517.3809	543.1636	535	122.5994	2.89957
1638	30.8293	572.452	542.9926	535	122.5994	2.89801
1639	30.8463	600.6274	542.9183	535	122.5994	2.89645
1640	30.8633	557.5969	542.9255	535	122.5994	2.89489
1641	30.8803	531.8499	543.0073	535	122.5994	2.89334
1642	30.8973	576.5512	543.1624	535	122.5994	2.89179
1643	30.9143	602.0403	543.3939	535	122.5994	2.89023
1644	30.9313	570.6357	543.7095	535	122.5994	2.88868
1645	30.9483	551.6788	543.2484	535	122.5994	2.88714
1646	30.9653	577.8538	543.8078	535	122.5994	2.88559
1647	30.9823	595.3711	544.5132	535	122.5994	2.88405
1648	30.9993	597.4411	545.4047	535	122.5994	2.8825
1649	31.0163	598.0177	545.852	535	122.5994	2.88096
1650	31.0333	612.0145	547.3157	535	122.5994	2.87942
1651	31.0503	607.7541	549.171	535	122.5994	2.87788
1652	31.0673	565.7199	551.6145	535	122.5994	2.87635
1653	31.0843	584.3423	554.5936	535	122.5994	2.87481
1654	31.1013	637.8915	558.3514	535	122.5994	2.87328
1655	31.1183	608.6423	563.0919	535	122.5994	2.87175
1656	31.1353	564.4073	569.9184	535	122.5994	2.87022
1657	31.1523	559.9548	577.556	535	122.5994	2.86869
1658	31.1693	593.2812	587.1772	535	122.5994	2.86717
1659	31.1863	613.4378	599.0193	535	122.5994	2.86564
1660	31.2033	568.1149	611.9324	534	122.5994	2.86412
1661	31.2203	567.8985	627.3485	534	122.5994	2.8626
1662	31.2373	604.8425	641.6863	534	122.5994	2.86108
1663	31.2543	626.4295	652.8115	534	122.5994	2.85956
1664	31.2713	622.2059	659.1395	533	122.5994	2.85805

1665	31.2883	636.1483	663.6824	533	122.5994	2.85653
1666	31.3053	623.5428	666.5325	533	122.5994	2.85502
1667	31.3223	654.1998	666.8074	533	122.5994	2.85351
1668	31.3393	669.4561	662.6818	532	122.5994	2.852
1669	31.3563	698.7774	656.5239	532	122.5994	2.85049
1670	31.3733	613.8449	648.4304	532	122.5994	2.84899
1671	31.3903	633.026	639.2438	532	122.5994	2.84748
1672	31.4073	635.0519	629.498	532	122.5994	2.84598
1673	31.4243	620.3222	618.5891	531	122.5994	2.84448
1674	31.4413	629.9887	608.8638	531	122.5994	2.84298
1675	31.4583	557.6717	599.6498	531	122.5994	2.84148
1676	31.4753	594.0312	591.255	531	122.5994	2.83999
1677	31.4923	562.5782	582.9397	530	122.5994	2.83849
1678	31.5093	575.5484	576.8646	530	122.5994	2.837
1679	31.5263	570.2279	572.0291	530	122.5994	2.83551
1680	31.5433	559.9226	568.1967	530	122.5994	2.83402
1681	31.5603	544.8353	564.8431	530	122.5994	2.83253
1682	31.5773	529.0099	560.4553	529	122.5994	2.83105
1683	31.5943	538.8759	557.1171	529	122.5994	2.82956
1684	31.6113	576.7038	553.2671	528	122.5994	2.82808
1685	31.6283	562.8091	551.0761	528	122.5994	2.8266
1686	31.6453	567.6665	548.3549	527	122.5994	2.82512
1687	31.6623	571.2207	546.8726	527	122.5994	2.82364
1688	31.6793	569.7993	544.6787	526	122.5994	2.82216
1689	31.6963	571.0421	543.8132	526	122.5994	2.82069
1690	31.7133	574.2355	542.6196	525	122.5994	2.81922
1691	31.7303	549.8511	542.9886	525	122.5994	2.81774
1692	31.7473	534.3438	542.7975	524	122.5994	2.81627
1693	31.7643	564.1792	544.0067	524	122.5994	2.81481
1694	31.7813	591.2199	545.5551	524	122.5994	2.81334
1695	31.7983	552.0585	546.3423	523	122.5994	2.81187
1696	31.8153	519.3451	548.4014	523	122.5994	2.81041
1697	31.8323	526.6929	549.7715	522	122.5994	2.80895
1698	31.8493	522.0749	552.5938	522	122.5994	2.80749
1699	31.8663	529.6871	554.9751	521	122.5994	2.80603
1700	31.8833	540.8363	558.9636	521	122.5994	2.80457
1701	31.9003	562.0282	562.5311	520	122.5994	2.80311
1702	31.9173	553.3832	567.562	520	122.5994	2.80166
1703	31.9343	564.6102	571.8451	519	122.5994	2.80021
1704	31.9513	550.5089	577.1393	519	122.5994	2.79876
1705	31.9683	542.8791	581.3307	518	122.5994	2.79731
1706	31.9853	557.2531	586.5303	518	122.5994	2.79586
1707	32.0023	554.9649	591.9683	518	122.5994	2.79441
1708	32.0193	583.7225	596.8019	517	122.5994	2.79297
1709	32.0363	562.9806	603.041	517	122.5994	2.79152
1710	32.0533	552.3236	608.5906	516	122.5994	2.79008
1711	32.0703	567.2291	615.2974	516	122.5994	2.78864
1712	32.0873	594.8011	620.8843	515	122.5994	2.7872
1713	32.1043	616.8475	626.9019	515	122.5994	2.78577

1714	32.1213	594.6423	630.7593	514	122.5994	2.78433
1715	32.1383	573.6221	634.0031	514	122.5994	2.7829
1716	32.1553	592.8997	634.0161	513	122.5994	2.78147
1717	32.1723	555.6901	632.7762	513	122.5994	2.78003
1718	32.1893	606.7669	629.3267	513	122.5994	2.7786
1719	32.2063	605.2746	622.8193	512	122.5994	2.77718
1720	32.2233	548.4164	615.6266	512	122.5994	2.77575
1721	32.2403	543.0001	606.134	511	122.5994	2.77433
1722	32.2573	547.0959	596.955	511	122.5994	2.7729
1723	32.2743	534.5081	586.6108	510	122.5994	2.77148
1724	32.2913	551.6443	577.5271	510	122.5994	2.77006
1725	32.3083	540.6713	568.0699	509	122.5994	2.76864
1726	32.3253	516.2745	559.9199	509	122.5994	2.76722
1727	32.3423	492.6712	552.5175	508	122.5994	2.76581
1728	32.3593	514.9208	547.2955	508	122.5994	2.76439
1729	32.3763	496.5054	543.217	508	122.5994	2.76298
1730	32.3933	534.492	539.1624	507	122.5994	2.76157
1731	32.4103	533.1891	535.6057	506	122.5994	2.76016
1732	32.4273	514.1324	532.9595	505	122.5994	2.75875
1733	32.4443	509.6272	531.6073	505	122.5994	2.75735
1734	32.4613	503.6237	529.313	504	122.5994	2.75594
1735	32.4783	512.7816	526.9351	503	122.5994	2.75454
1736	32.4953	531.0053	525.4283	503	122.5994	2.75313
1737	32.5123	486.4196	522.876	502	122.5994	2.75173
1738	32.5293	484.8393	520.1656	501	122.5994	2.75033
1739	32.5463	513.4501	518.3922	501	122.5994	2.74894
1740	32.5633	512.7167	515.5591	500	122.5994	2.74754
1741	32.5803	515.2406	512.8139	499	122.5994	2.74615
1742	32.5973	500.8551	511.192	499	122.5994	2.74475
1743	32.6143	499.1274	508.7438	498	122.5994	2.74336
1744	32.6313	497.3	506.5039	497	122.5994	2.74197
1745	32.6483	493.6457	504.4599	496	122.5994	2.74058
1746	32.6653	503.7504	503.6428	496	122.5994	2.73919
1747	32.6823	509.5057	502.0159	495	122.5994	2.73781
1748	32.6993	507.272	500.562	494	122.5994	2.73642
1749	32.7163	477.5958	500.1135	494	122.5994	2.73504
1750	32.7333	490.1208	498.9746	493	122.5994	2.73366
1751	32.7503	500.3465	497.9854	492	122.5994	2.73228
1752	32.7673	506.4499	498.1547	492	122.5994	2.7309
1753	32.7843	482.9408	497.4206	491	122.5994	2.72952
1754	32.8013	493.0076	497.9661	491	122.5994	2.72815
1755	32.8183	463.1317	498.7327	491	122.5994	2.72677
1756	32.8353	462.4253	499.7411	491	122.5994	2.7254
1757	32.8523	470.0111	501.0017	491	122.5994	2.72403
1758	32.8693	463.8976	502.5444	491	122.5994	2.72266
1759	32.8863	494.9361	504.271	491	122.5994	2.72129
1760	32.9033	464.6068	506.1563	491	122.5994	2.71992
1761	32.9203	476.7206	508.0991	491	122.5994	2.71856
1762	32.9373	503.3893	509.9481	491	122.5994	2.71719

1763	32.9543	535.3647	511.5283	491	122.5994	2.71583
1764	32.9713	508.4559	512.6075	491	122.5994	2.71447
1765	32.9883	501.9148	513.0872	491	122.5994	2.71311
1766	33.0053	528.3016	512.9672	491	122.5994	2.71175
1767	33.0223	529.0705	512.3349	491	122.5994	2.71039
1768	33.0393	492.8201	511.2978	491	122.5994	2.70904
1769	33.0563	488.3632	509.9482	491	122.5994	2.70768
1770	33.0733	489.5883	508.3812	491	122.5994	2.70633
1771	33.0903	503.6021	506.7167	491	122.5994	2.70498
1772	33.1073	476.1163	505.0958	491	122.5994	2.70363
1773	33.1243	486.8879	503.6482	491	122.5994	2.70228
1774	33.1413	504.2126	502.4689	491	122.5994	2.70093
1775	33.1583	503.0031	501.011	491	122.5994	2.69958
1776	33.1753	539.1352	500.5089	491	122.5994	2.69824
1777	33.1923	482.0894	501.3204	492	122.5994	2.6969
1778	33.2093	485.7599	501.3895	492	122.5994	2.69556
1779	33.2263	525.688	501.6248	492	122.5994	2.69422
1780	33.2433	542.9624	501.5379	492	122.5994	2.69288
1781	33.2603	530.5424	501.7446	492	122.5994	2.69154
1782	33.2773	491.9302	501.7571	492	122.5994	2.6902
1783	33.2943	476.8369	501.668	492	122.5994	2.68887
1784	33.3113	481.9958	501.306	492	122.5994	2.68753
1785	33.3283	489.8025	500.8174	492	122.5994	2.6862
1786	33.3453	516.0991	500.2159	492	122.5994	2.68487
1787	33.3623	497.4912	499.5429	492	122.5994	2.68354
1788	33.3793	505.9224	498.9434	492	122.5994	2.68221
1789	33.3963	516.9183	498.3538	492	122.5994	2.68089
1790	33.4133	506.0941	497.8004	492	122.5994	2.67956
1791	33.4303	522.1394	497.3777	492	122.5994	2.67824
1792	33.4473	505.1943	497.114	492	122.5994	2.67692
1793	33.4643	500.8151	497.0223	492	122.5994	2.6756
1794	33.4813	495.3399	497.169	492	122.5994	2.67428
1795	33.4983	478.6958	497.4144	492	122.5994	2.67296
1796	33.5153	480.6398	497.8084	492	122.5994	2.67164
1797	33.5323	515.9773	498.3329	492	122.5994	2.67033
1798	33.5493	503.5147	499.1376	492	122.5994	2.66901
1799	33.5663	494.5698	499.8333	492	122.5994	2.6677
1800	33.5833	487.8361	500.5125	492	122.5994	2.66639
1801	33.6003	503.5836	501.0628	492	122.5994	2.66508
1802	33.6173	477.5242	502.5439	493	122.5994	2.66377
1803	33.6343	497.166	503.5198	494	122.5994	2.66246
1804	33.6513	502.7529	505.2096	496	122.5994	2.66115
1805	33.6683	487.2317	505.7365	497	122.5994	2.65985
1806	33.6853	510.2534	506.1797	498	122.5994	2.65855
1807	33.7023	488.3815	506.6426	499	122.5994	2.65724
1808	33.7193	483.9536	507.9546	501	122.5994	2.65594
1809	33.7363	488.04	508.2384	502	122.5994	2.65464
1810	33.7533	488.3632	508.5626	503	122.5994	2.65335
1811	33.7703	509.5854	509.0699	504	122.5994	2.65205

1812	33.7873	532.783	510.6114	506	122.5994	2.65075
1813	33.8043	502.226	511.2787	507	122.5994	2.64946
1814	33.8213	484.2329	511.9545	508	122.5994	2.64817
1815	33.8383	515.7779	512.8553	509	122.5994	2.64687
1816	33.8553	527.3004	513.9004	510	122.5994	2.64558
1817	33.8723	493.8323	515.9984	512	122.5994	2.6443
1818	33.8893	459.6184	517.1926	513	122.5994	2.64301
1819	33.9063	550.9995	518.4354	514	122.5994	2.64172
1820	33.9233	513.9758	519.8558	515	122.5994	2.64044
1821	33.9403	555.6878	522.4243	517	122.5994	2.63915
1822	33.9573	520.3756	524.185	518	122.5994	2.63787
1823	33.9743	511.9425	526.21	519	122.5994	2.63659
1824	33.9913	551.2718	528.8566	520	122.5994	2.63531
1825	34.0083	538.4658	532.8213	522	122.5994	2.63403
1826	34.0253	524.3153	535.5522	522	122.5994	2.63275
1827	34.0423	565.8971	540.567	523	122.5994	2.63148
1828	34.0593	558.5247	546.4773	524	122.5994	2.6302
1829	34.0763	518.3994	553.6865	525	122.5994	2.62893
1830	34.0933	515.2406	560.7243	526	122.5994	2.62766
1831	34.1103	529.2152	566.3298	527	122.5994	2.62639
1832	34.1273	533.966	569.6487	528	122.5994	2.62512
1833	34.1443	525.4178	571.4298	529	122.5994	2.62385
1834	34.1613	562.7593	572.9372	530	122.5994	2.62258
1835	34.1783	569.3505	574.2764	531	122.5994	2.62132
1836	34.1953	568.669	575.3515	532	122.5994	2.62005
1837	34.2123	552.2621	575.6119	533	122.5994	2.61879
1838	34.2293	546.1215	575.175	534	122.5994	2.61753
1839	34.2463	559.1778	574.6122	535	122.5994	2.61627
1840	34.2633	543.635	574.3564	536	122.5994	2.61501
1841	34.2803	536.413	574.7563	537	122.5994	2.61375
1842	34.2973	567.171	575.6342	538	122.5994	2.61249
1843	34.3143	582.6602	577.0356	539	122.5994	2.61124
1844	34.3313	580.7543	578.7913	540	122.5994	2.60998
1845	34.3483	593.8945	580.6849	541	122.5994	2.60873
1846	34.3653	610.6473	582.5247	542	122.5994	2.60748
1847	34.3823	607.8772	584.0856	543	122.5994	2.60623
1848	34.3993	608.8921	585.3868	544	122.5994	2.60498
1849	34.4163	595.0948	586.5717	545	122.5994	2.60373
1850	34.4333	579.0805	586.8224	545	122.5994	2.60249
1851	34.4503	615.529	588.2418	546	122.5994	2.60124
1852	34.4673	592.4064	589.8358	547	122.5994	2.6
1853	34.4843	631.9035	590.5734	547	122.5994	2.59875
1854	34.5013	631.2627	592.4445	548	122.5994	2.59751
1855	34.5183	680.3893	594.4678	549	122.5994	2.59627
1856	34.5353	653.3433	595.6613	549	122.5994	2.59503
1857	34.5523	640.6969	598.116	550	122.5994	2.5938
1858	34.5693	704.6616	600.5782	551	122.5994	2.59256
1859	34.5863	702.3032	601.9716	551	122.5994	2.59132
1860	34.6033	702.3436	604.1204	552	122.5994	2.59009

1861	34.6203	606.9537	605.7811	553	122.5994	2.58886
1862	34.6373	695.9593	606.1858	553	122.5994	2.58762
1863	34.6543	671.4034	607.3187	554	122.5994	2.58639
1864	34.6713	681.3008	608.1617	555	122.5994	2.58516
1865	34.6883	678.9419	608.8502	556	122.5994	2.58394
1866	34.7053	659.9216	608.4503	556	122.5994	2.58271
1867	34.7223	660.7242	609.1181	557	122.5994	2.58148
1868	34.7393	690.7269	609.7404	558	122.5994	2.58026
1869	34.7563	689.5742	609.496	558	122.5994	2.57904
1870	34.7733	711.3877	610.4976	559	122.5994	2.57781
1871	34.7903	731.5289	611.8918	560	122.5994	2.57659
1872	34.8073	686.3742	612.9046	560	122.5994	2.57537
1873	34.8243	687.9941	615.6573	561	122.5994	2.57416
1874	34.8413	693.2047	618.4237	561	122.5994	2.57294
1875	34.8583	705.4593	623.4738	562	122.5994	2.57172
1876	34.8753	698.538	629.1647	562	122.5994	2.57051
1877	34.8923	686.8237	638.0944	563	122.5994	2.56929
1878	34.9093	734.1784	648.5456	563	122.5994	2.56808
1879	34.9263	734.0984	663.0606	564	122.5994	2.56687
1880	34.9433	775.1554	679.587	564	122.5994	2.56566
1881	34.9603	758.6855	698.1885	564	122.5994	2.56445
1882	34.9773	755.1103	717.4496	565	122.5994	2.56325
1883	34.9943	786.8229	732.0029	565	122.5994	2.56204
1884	35.0113	836.8482	742.1559	566	122.5994	2.56083
1885	35.0283	835.8733	747.6855	566	122.5994	2.55963
1886	35.0453	794.5167	751.5643	566	122.5994	2.55843
1887	35.0623	792.7975	755.4099	567	122.5994	2.55723
1888	35.0793	802.1524	755.02	567	122.5994	2.55603
1889	35.0963	824.3228	751.5186	568	122.5994	2.55483
1890	35.1133	816.861	743.666	568	122.5994	2.55363
1891	35.1303	784.0332	734.795	569	122.5994	2.55243
1892	35.1473	803.7715	724.1307	569	122.5994	2.55124
1893	35.1643	793.9971	712.796	569	122.5994	2.55004
1894	35.1813	763.6603	702.2498	570	122.5994	2.54885
1895	35.1983	715.7481	691.0806	570	122.5994	2.54766
1896	35.2153	681.8829	681.3671	571	122.5994	2.54647
1897	35.2323	726.8411	671.4349	571	122.5994	2.54528
1898	35.2493	717.7673	662.3268	571	122.5994	2.54409
1899	35.2663	677.5665	654.0306	571	122.5994	2.5429
1900	35.2833	670.8994	647.6471	572	122.5994	2.54171
1901	35.3003	612.9158	641.1888	572	122.5994	2.54053
1902	35.3173	623.1469	635.738	572	122.5994	2.53934
1903	35.3343	643.5669	631.334	572	122.5994	2.53816
1904	35.3513	630.7757	627.9426	572	122.5994	2.53698
1905	35.3683	587.1872	625.4418	572	122.5994	2.5358
1906	35.3853	644.4159	624.644	573	122.5994	2.53462
1907	35.4023	614.6871	623.2924	573	122.5994	2.53344
1908	35.4193	586.4918	622.0203	573	122.5994	2.53226
1909	35.4363	610.2942	620.4012	573	122.5994	2.53109

1910	35.4533	612.4313	618.3678	573	122.5994	2.52991
1911	35.4703	582.2862	616.3411	573	122.5994	2.52874
1912	35.4873	595.3029	615.6785	574	122.5994	2.52757
1913	35.5043	589.4382	614.3944	574	122.5994	2.5264
1914	35.5213	554.4763	613.3503	574	122.5994	2.52523
1915	35.5383	573.5732	611.9755	574	122.5994	2.52406
1916	35.5553	600.142	610.3252	574	122.5994	2.52289
1917	35.5723	588.46	608.565	574	122.5994	2.52172
1918	35.5893	610.2656	607.7834	575	122.5994	2.52056
1919	35.6063	599.2533	606.1357	575	122.5994	2.51939
1920	35.6233	605.902	604.3875	575	122.5994	2.51823
1921	35.6403	587.7861	602.9503	575	122.5994	2.51707
1922	35.6573	579.1893	601.676	575	122.5994	2.51591
1923	35.6743	593.7138	600.6025	575	122.5994	2.51475
1924	35.6913	583.189	599.8223	575	122.5994	2.51359
1925	35.7083	575.1011	599.3718	575	122.5994	2.51243
1926	35.7253	599.2618	599.541	575	122.5994	2.51127
1927	35.7423	590.9737	600.3337	575	122.5994	2.51012
1928	35.7593	571.8443	601.7879	575	122.5994	2.50896
1929	35.7763	597.8291	602.7701	574	122.5994	2.50781
1930	35.7933	592.9802	605.2943	574	122.5994	2.50666
1931	35.8103	587.8804	608.0372	574	122.5994	2.50551
1932	35.8273	557.2043	610.9396	574	122.5994	2.50436
1933	35.8443	533.5588	615.2361	574	122.5994	2.50321
1934	35.8613	590.5183	618.9354	574	122.5994	2.50206
1935	35.8783	608.8703	622.9523	574	122.5994	2.50091
1936	35.8953	598.4028	627.4124	574	122.5994	2.49977
1937	35.9123	590.7519	632.1633	574	122.5994	2.49862
1938	35.9293	559.8034	637.313	574	122.5994	2.49748
1939	35.9463	560.8236	643.049	574	122.5994	2.49634
1940	35.9633	587.2103	649.1974	574	122.5994	2.4952
1941	35.9803	602.5696	655.5076	574	122.5994	2.49406
1942	35.9973	620.3815	661.38	574	122.5994	2.49292
1943	36.0143	624.9401	665.0418	573	122.5994	2.49178
1944	36.0313	605.1295	668.7122	573	122.5994	2.49064
1945	36.0483	556.5843	671.1221	573	122.5994	2.48951
1946	36.0653	600.599	671.8661	573	122.5994	2.48837
1947	36.0823	580.4889	670.8353	573	122.5994	2.48724
1948	36.0993	601.9592	668.369	573	122.5994	2.48611
1949	36.1163	565.5188	664.4525	573	122.5994	2.48498
1950	36.1333	644.4571	659.3512	573	122.5994	2.48385
1951	36.1503	588.5149	653.2368	573	122.5994	2.48272
1952	36.1673	590.3284	646.7313	573	122.5994	2.48159
1953	36.1843	585.5849	639.6417	573	122.5994	2.48046
1954	36.2013	570.953	632.8955	573	122.5994	2.47934
1955	36.2183	561.9686	626.4755	573	122.5994	2.47821
1956	36.2353	567.9323	620.636	573	122.5994	2.47709
1957	36.2523	588.3715	614.5681	572	122.5994	2.47597
1958	36.2693	563.4874	610.3909	572	122.5994	2.47485

1959	36.2863	544.2935	607.0983	572	122.5994	2.47372
1960	36.3033	584.9914	604.7022	572	122.5994	2.47261
1961	36.3203	573.4378	603.1418	572	122.5994	2.47149
1962	36.3373	535.6354	601.9948	572	122.5994	2.47037
1963	36.3543	528.3318	601.4609	572	122.5994	2.46925
1964	36.3713	551.8007	601.8788	572	122.5994	2.46814
1965	36.3883	575.9543	602.8799	572	122.5994	2.46702
1966	36.4053	557.6878	604.7505	572	122.5994	2.46591
1967	36.4223	564.9752	607.4719	572	122.5994	2.4648
1968	36.4393	601.9414	610.9336	572	122.5994	2.46369
1969	36.4563	587.1281	615.2927	572	122.5994	2.46258
1970	36.4733	594.4896	619.6219	571	122.5994	2.46147
1971	36.4903	623.4158	626.4164	571	122.5994	2.46036
1972	36.5073	605.2407	635.6503	571	122.5994	2.45926
1973	36.5243	611.4884	648.3282	570	122.5994	2.45815
1974	36.5413	640.7042	669.2196	570	122.5994	2.45705
1975	36.5583	682.8975	700.2269	570	122.5994	2.45594
1976	36.5753	748.1709	741.7524	569	122.5994	2.45484
1977	36.5923	818.9673	793.7361	569	122.5994	2.45374
1978	36.6093	942.7501	847.1669	569	122.5994	2.45264
1979	36.6263	1016.275	886.4088	569	122.5994	2.45154
1980	36.6433	982.9132	894.4041	568	122.5994	2.45044
1981	36.6603	916.0677	875.2235	568	122.5994	2.44934
1982	36.6773	783.1518	845.8008	568	122.5994	2.44825
1983	36.6943	727.0181	819.2054	567	122.5994	2.44715
1984	36.7113	784.6108	799.5744	567	122.5994	2.44606
1985	36.7283	796.5901	778.8865	567	122.5994	2.44496
1986	36.7453	754.3835	749.1182	566	122.5994	2.44387
1987	36.7623	720.0599	715.2369	566	122.5994	2.44278
1988	36.7793	658.0221	683.2922	566	122.5994	2.44169
1989	36.7963	616.9436	656.8806	565	122.5994	2.4406
1990	36.8133	621.897	639.5457	565	122.5994	2.43951
1991	36.8303	641.5633	630.2609	565	122.5994	2.43843
1992	36.8473	645.0981	626.3311	565	122.5994	2.43734
1993	36.8643	594.0272	624.331	564	122.5994	2.43626
1994	36.8813	624.716	623.0694	564	122.5994	2.43517
1995	36.8983	620.9159	619.0225	563	122.5994	2.43409
1996	36.9153	574.9516	615.774	563	122.5994	2.43301
1997	36.9323	603.2869	613.0192	562	122.5994	2.43193
1998	36.9493	581.6677	612.4594	562	122.5994	2.43085
1999	36.9663	614.6253	610.9365	561	122.5994	2.42977
2000	36.9833	610.4474	608.7577	561	122.5994	2.42869
2001	37.0003	631.8345	603.9713	560	122.5994	2.42761
2002	37.0173	539.0702	599.1544	559	122.5994	2.42654
2003	37.0343	552.9103	596.1081	559	122.5994	2.42546
2004	37.0513	564.0929	592.8119	558	122.5994	2.42439
2005	37.0683	579.4118	590.2838	558	122.5994	2.42331
2006	37.0853	536.8289	587.0565	557	122.5994	2.42224
2007	37.1023	560.1129	584.7971	557	122.5994	2.42117

2008	37.1193	575.0676	581.7687	556	122.5994	2.4201
2009	37.1363	565.4872	580.1048	556	122.5994	2.41903
2010	37.1533	542.8379	577.8381	555	122.5994	2.41797
2011	37.1703	547.6217	576.7838	555	122.5994	2.4169
2012	37.1873	561.6361	575.508	554	122.5994	2.41583
2013	37.2043	560.2612	575.8562	554	122.5994	2.41477
2014	37.2213	567.5065	576.0009	553	122.5994	2.4137
2015	37.2383	585.5974	577.976	553	122.5994	2.41264
2016	37.2553	562.6571	579.632	552	122.5994	2.41158
2017	37.2723	543.4676	582.5248	552	122.5994	2.41052
2018	37.2893	548.4695	583.9056	551	122.5994	2.40946
2019	37.3063	552.8507	584.3773	550	122.5994	2.4084
2020	37.3233	545.8208	584.2931	549	122.5994	2.40734
2021	37.3403	545.9089	585.1141	549	122.5994	2.40628
2022	37.3573	546.5383	584.8671	548	122.5994	2.40523
2023	37.3743	550.9575	584.6371	547	122.5994	2.40417
2024	37.3913	575.4569	583.5939	546	122.5994	2.40312
2025	37.4083	587.6377	582.9899	546	122.5994	2.40207
2026	37.4253	605.2407	581.2131	545	122.5994	2.40101
2027	37.4423	593.5474	579.6022	544	122.5994	2.39996
2028	37.4593	576.864	579.3094	544	122.5994	2.39891
2029	37.4763	592.7136	578.3483	543	122.5994	2.39786
2030	37.4933	618.1254	577.6677	542	122.5994	2.39682
2031	37.5103	598.3943	577.3531	541	122.5994	2.39577
2032	37.5273	582.2053	578.6174	541	122.5994	2.39472
2033	37.5443	570.5246	580.1607	540	122.5994	2.39368
2034	37.5613	577.0563	582.8016	539	122.5994	2.39263
2035	37.5783	559.0614	586.6857	538	122.5994	2.39159
2036	37.5953	552.197	592.6494	538	122.5994	2.39055
2037	37.6123	594.8984	598.4142	537	122.5994	2.38951
2038	37.6293	605.2407	603.7421	536	122.5994	2.38847
2039	37.6463	588.5075	609.7646	535	122.5994	2.38743
2040	37.6633	615.681	616.5198	535	122.5994	2.38639
2041	37.6803	589.2514	622.0475	534	122.5994	2.38535
2042	37.6973	559.3526	627.1936	533	122.5994	2.38431
2043	37.7143	588.4272	631.7733	532	122.5994	2.38328
2044	37.7313	595.0973	635.73	531	122.5994	2.38224
2045	37.7483	629.3733	638.9355	530	122.5994	2.38121
2046	37.7653	590.6083	641.0543	529	122.5994	2.38018
2047	37.7823	634.6438	641.4993	528	122.5994	2.37914
2048	37.7993	617.6079	640.5672	528	122.5994	2.37811
2049	37.8163	571.0005	636.4201	527	122.5994	2.37708
2050	37.8333	630.2719	630.6985	526	122.5994	2.37605
2051	37.8503	578.8139	623.845	525	122.5994	2.37503
2052	37.8673	563.4946	616.3226	524	122.5994	2.374
2053	37.8843	576.8056	608.0753	523	122.5994	2.37297
2054	37.9013	575.004	599.2367	522	122.5994	2.37195
2055	37.9183	541.2355	590.1235	521	122.5994	2.37092
2056	37.9353	517.3287	581.1572	520	122.5994	2.3699

2057	37.9523	525.4495	572.3771	519	122.5994	2.36888
2058	37.9693	536.3144	564.3502	518	122.5994	2.36786
2059	37.9863	541.423	558.0836	518	122.5994	2.36684
2060	38.0033	511.328	551.6711	517	122.5994	2.36582
2061	38.0203	548.9536	546.1459	516	122.5994	2.3648
2062	38.0373	559.7202	541.4644	515	122.5994	2.36378
2063	38.0543	501.9623	537.6528	514	122.5994	2.36276
2064	38.0713	500.5974	534.6632	513	122.5994	2.36175
2065	38.0883	532.5557	532.4761	512	122.5994	2.36073
2066	38.1053	510.711	531.0384	511	122.5994	2.35972
2067	38.1223	492.6678	531.4332	511	122.5994	2.3587
2068	38.1393	502.8901	531.6143	510	122.5994	2.35769
2069	38.1563	509.1302	533.5708	510	122.5994	2.35668
2070	38.1733	461.8799	535.2717	509	122.5994	2.35567
2071	38.1903	482.9187	537.645	508	122.5994	2.35466
2072	38.2073	520.3488	541.5599	508	122.5994	2.35365
2073	38.2243	516.5389	544.7981	507	122.5994	2.35264
2074	38.2413	513.4434	548.0247	506	122.5994	2.35164
2075	38.2583	493.0648	551.7979	506	122.5994	2.35063
2076	38.2753	511.4823	553.6408	505	122.5994	2.34963
2077	38.2923	507.8914	554.2084	504	122.5994	2.34862
2078	38.3093	494.1748	554.4254	504	122.5994	2.34762
2079	38.3263	502.3238	552.472	503	122.5994	2.34662
2080	38.3433	483.6061	550.6193	503	122.5994	2.34562
2081	38.3603	488.4615	547.0747	502	122.5994	2.34462
2082	38.3773	475.8844	542.8527	501	122.5994	2.34362
2083	38.3943	488.3364	539.2783	501	122.5994	2.34262
2084	38.4113	522.3825	534.4267	500	122.5994	2.34162
2085	38.4283	513.7498	530.5537	500	122.5994	2.34062
2086	38.4453	483.8793	525.91	499	122.5994	2.33963
2087	38.4623	507.18	521.6848	498	122.5994	2.33863
2088	38.4793	474.651	518.9368	498	122.5994	2.33764
2089	38.4963	516.2849	515.8549	497	122.5994	2.33664
2090	38.5133	485.8314	514.2784	497	122.5994	2.33565
2091	38.5303	514.2714	513.1982	497	122.5994	2.33466
2092	38.5473	493.1202	512.5151	497	122.5994	2.33367
2093	38.5643	501.6649	512.1071	497	122.5994	2.33268
2094	38.5813	487.63	511.8564	497	122.5994	2.33169
2095	38.5983	468.073	512.7173	498	122.5994	2.3307
2096	38.6153	493.4762	512.5765	498	122.5994	2.32972
2097	38.6323	499.9706	512.471	498	122.5994	2.32873
2098	38.6493	485.1226	512.4466	498	122.5994	2.32775
2099	38.6663	491.5453	512.5237	498	122.5994	2.32676
2100	38.6833	489.1574	512.7833	498	122.5994	2.32578
2101	38.7003	511.1056	513.4207	498	122.5994	2.3248
2102	38.7173	497.4086	514.6722	498	122.5994	2.32381
2103	38.7343	501.3598	516.3782	498	122.5994	2.32283
2104	38.7513	475.8283	519.5776	498	122.5994	2.32185
2105	38.7683	517.7006	521.4643	498	122.5994	2.32087

2106	38.7853	464.661	521.5668	498	122.5994	2.3199
2107	38.8023	497.6431	519.801	498	122.5994	2.31892
2108	38.8193	478.1681	518.4489	499	122.5994	2.31794
2109	38.8363	468.7634	516.3475	499	122.5994	2.31697
2110	38.8533	490.1491	515.4197	499	122.5994	2.31599
2111	38.8703	482.299	515.3385	499	122.5994	2.31502
2112	38.8873	483.3299	514.5723	499	122.5994	2.31405
2113	38.9043	500.2692	513.3354	499	122.5994	2.31307
2114	38.9213	503.2049	512.0689	499	122.5994	2.3121
2115	38.9383	524.252	510.999	499	122.5994	2.31113
2116	38.9553	515.1495	509.3269	498	122.5994	2.31016
2117	38.9723	483.4035	508.6852	498	122.5994	2.30919
2118	38.9893	480.4797	507.9389	498	122.5994	2.30823
2119	39.0063	483.4452	507.2627	498	122.5994	2.30726
2120	39.0233	503.4206	506.8008	498	122.5994	2.30629
2121	39.0403	497.7691	506.589	498	122.5994	2.30533
2122	39.0573	462.0818	506.5255	498	122.5994	2.30436
2123	39.0743	495.6845	505.4464	497	122.5994	2.3034
2124	39.0913	492.5873	505.3	497	122.5994	2.30244
2125	39.1083	479.564	505.2095	497	122.5994	2.30148
2126	39.1253	463.933	505.2809	497	122.5994	2.30052
2127	39.1423	464.4163	505.5098	497	122.5994	2.29956
2128	39.1593	483.2317	504.9649	496	122.5994	2.2986
2129	39.1763	467.8949	505.6573	496	122.5994	2.29764
2130	39.1933	483.3462	506.5961	496	122.5994	2.29668
2131	39.2103	477.547	507.7975	496	122.5994	2.29572
2132	39.2273	464.1374	509.2852	496	122.5994	2.29477
2133	39.2443	520.4527	511.1333	496	122.5994	2.29381
2134	39.2613	508.726	513.2862	496	122.5994	2.29286
2135	39.2783	502.09	514.8474	495	122.5994	2.29191
2136	39.2953	506.0355	517.5665	495	122.5994	2.29095
2137	39.3123	489.0972	520.862	495	122.5994	2.29
2138	39.3293	492.8183	524.5268	495	122.5994	2.28905
2139	39.3463	483.9536	529.5823	496	122.5994	2.2881
2140	39.3633	484.796	534.1206	496	122.5994	2.28715
2141	39.3803	514.0364	539.3455	496	122.5994	2.2862
2142	39.3973	491.1723	546.385	497	122.5994	2.28526
2143	39.4143	529.7612	553.9293	497	122.5994	2.28431
2144	39.4313	536.6769	564.6427	498	122.5994	2.28336
2145	39.4483	530.6078	577.8618	498	122.5994	2.28242
2146	39.4653	571.885	596.5894	498	122.5994	2.28148
2147	39.4823	577.7542	624.3794	499	122.5994	2.28053
2148	39.4993	608.3728	661.5186	499	122.5994	2.27959
2149	39.5163	717.6672	709.4485	500	122.5994	2.27865
2150	39.5333	793.1933	762.2274	500	122.5994	2.27771
2151	39.5503	863.0004	809.645	500	122.5994	2.27677
2152	39.5673	842.5139	835.0212	501	122.5994	2.27583
2153	39.5843	722.5184	826.6243	501	122.5994	2.27489
2154	39.6013	635.4679	796.7568	501	122.5994	2.27395

2155	39.6183	613.268	765.4745	502	122.5994	2.27302
2156	39.6353	630.445	741.4321	502	122.5994	2.27208
2157	39.6523	673.8226	725.1415	502	122.5994	2.27115
2158	39.6693	682.088	708.8574	503	122.5994	2.27021
2159	39.6863	622.6055	682.8358	503	122.5994	2.26928
2160	39.7033	547.9512	651.1553	504	122.5994	2.26835
2161	39.7203	536.3609	618.8293	504	122.5994	2.26741
2162	39.7373	526.6695	591.4621	504	122.5994	2.26648
2163	39.7543	503.4229	570.4757	504	122.5994	2.26555
2164	39.7713	498.5085	555.3721	504	122.5994	2.26462
2165	39.7883	488.3368	545.0077	504	122.5994	2.2637
2166	39.8053	486.3395	539.1564	505	122.5994	2.26277
2167	39.8223	505.3815	534.697	505	122.5994	2.26184
2168	39.8393	493.9681	531.7229	505	122.5994	2.26092
2169	39.8563	484.0645	529.554	505	122.5994	2.25999
2170	39.8733	492.8411	527.7393	505	122.5994	2.25907
2171	39.8903	494.2841	526.1365	505	122.5994	2.25814
2172	39.9073	505.5484	524.8106	505	122.5994	2.25722
2173	39.9243	472.1014	523.8329	505	122.5994	2.2563
2174	39.9413	490.9798	523.3083	505	122.5994	2.25538
2175	39.9583	501.7119	523.0889	505	122.5994	2.25446
2176	39.9753	523.563	524.1779	506	122.5994	2.25354
2177	39.9923	502.967	524.5262	506	122.5994	2.25262
2178	40.0093	516.3213	525.0656	506	122.5994	2.2517
2179	40.0263	519.7901	525.754	506	122.5994	2.25078
2180	40.0433	507.8945	526.5899	506	122.5994	2.24987
2181	40.0603	510.2853	527.5076	506	122.5994	2.24895
2182	40.0773	506.5306	528.3824	506	122.5994	2.24804
2183	40.0943	506.3175	529.1745	506	122.5994	2.24712
2184	40.1113	519.3837	529.866	506	122.5994	2.24621
2185	40.1283	501.9803	530.5157	506	122.5994	2.2453
2186	40.1453	510.9477	531.2393	506	122.5994	2.24439
2187	40.1623	529.0705	532.1704	506	122.5994	2.24347
2188	40.1793	526.9227	533.3326	506	122.5994	2.24256
2189	40.1963	491.8778	534.6577	506	122.5994	2.24166
2190	40.2133	483.5513	536.0756	506	122.5994	2.24075
2191	40.2303	518.2681	537.2153	506	122.5994	2.23984
2192	40.2473	508.7835	538.0422	506	122.5994	2.23893
2193	40.2643	531.236	539.2905	506	122.5994	2.23803
2194	40.2813	561.2914	542.1494	506	122.5994	2.23712
2195	40.2983	544.0166	547.7629	506	122.5994	2.23622
2196	40.3153	575.3562	557.0585	506	122.5994	2.23531
2197	40.3323	613.8255	569.9299	506	122.5994	2.23441
2198	40.3493	641.4034	585.8831	506	122.5994	2.23351
2199	40.3663	658.8706	601.019	505	122.5994	2.23261
2200	40.3833	675.4092	611.6633	505	122.5994	2.23171
2201	40.4003	633.4308	613.2328	505	122.5994	2.23081
2202	40.4173	605.9442	605.8912	505	122.5994	2.22991
2203	40.4343	591.9832	595.4763	505	122.5994	2.22901

2204	40.4513	592.5552	587.106	505	122.5994	2.22811
2205	40.4683	564.3821	582.045	505	122.5994	2.22721
2206	40.4853	572.3854	578.0592	505	122.5994	2.22632
2207	40.5023	570.062	572.4702	505	122.5994	2.22542
2208	40.5193	521.2646	563.6541	505	122.5994	2.22453
2209	40.5363	499.7155	553.3653	505	122.5994	2.22363
2210	40.5533	498.8799	543.7275	505	122.5994	2.22274
2211	40.5703	481.2184	535.8092	505	122.5994	2.22185
2212	40.5873	472.7044	529.7612	505	122.5994	2.22096
2213	40.6043	486.6363	524.4034	504	122.5994	2.22007
2214	40.6213	502.7571	521.3705	504	122.5994	2.21918
2215	40.6383	492.141	519.3168	504	122.5994	2.21829
2216	40.6553	501.5767	517.9471	504	122.5994	2.2174
2217	40.6723	516.8853	517.0364	504	122.5994	2.21651
2218	40.6893	507.2238	516.4018	504	122.5994	2.21563
2219	40.7063	482.5365	515.9776	504	122.5994	2.21474
2220	40.7233	431.3062	515.7398	504	122.5994	2.21385
2221	40.7403	438.376	515.6948	504	122.5994	2.21297
2222	40.7573	462.0883	515.8274	504	122.5994	2.21209
2223	40.7743	442.4417	516.108	504	122.5994	2.2112
2224	40.7913	483.3074	516.5132	504	122.5994	2.21032
2225	40.8083	466.8349	517.0352	504	122.5994	2.20944
2226	40.8253	439.9791	517.6744	504	122.5994	2.20856
2227	40.8423	536.0265	517.4249	503	122.5994	2.20768
2228	40.8593	517.9238	518.2517	503	122.5994	2.2068
2229	40.8763	502.5471	519.0854	503	122.5994	2.20592
2230	40.8933	484.7804	519.8897	503	122.5994	2.20504
2231	40.9103	483.9536	520.5843	503	122.5994	2.20417
2232	40.9273	519.7901	521.1246	503	122.5994	2.20329
2233	40.9443	518.9258	521.4951	503	122.5994	2.20241
2234	40.9613	480.9928	521.7006	503	122.5994	2.20154
2235	40.9783	509.5052	521.7515	503	122.5994	2.20066
2236	40.9953	496.5317	520.6874	502	122.5994	2.19979
2237	41.0123	533.0501	520.5124	502	122.5994	2.19892
2238	41.0293	523.7123	520.222	502	122.5994	2.19805
2239	41.0463	489.0428	519.8301	502	122.5994	2.19718
2240	41.0633	489.7154	519.3072	502	122.5994	2.19631
2241	41.0803	471.9079	517.6977	501	122.5994	2.19544
2242	41.0973	467.4609	516.9944	501	122.5994	2.19457
2243	41.1143	503.983	516.2457	501	122.5994	2.1937
2244	41.1313	506.0341	515.4356	501	122.5994	2.19283
2245	41.1483	508.3716	513.5756	500	122.5994	2.19196
2246	41.1653	547.5075	512.9642	500	122.5994	2.1911
2247	41.1823	519.7409	512.324	500	122.5994	2.19023
2248	41.1993	485.4824	511.8158	500	122.5994	2.18937
2249	41.2163	513.9899	511.4998	500	122.5994	2.18851
2250	41.2333	488.4751	510.5003	499	122.5994	2.18764
2251	41.2503	493.8583	510.9196	499	122.5994	2.18678
2252	41.2673	501.7119	512.063	499	122.5994	2.18592

2253	41.2843	505.9191	513.8793	499	122.5994	2.18506
2254	41.3013	512.8678	516.4836	499	122.5994	2.1842
2255	41.3183	526.7822	518.5095	498	122.5994	2.18334
2256	41.3353	510.0281	521.1945	498	122.5994	2.18248
2257	41.3523	508.4018	522.6953	498	122.5994	2.18162
2258	41.3693	506.1276	522.9805	498	122.5994	2.18076
2259	41.3863	504.0522	522.6196	498	122.5994	2.17991
2260	41.4033	501.7693	521.6212	497	122.5994	2.17905
2261	41.4203	498.3832	521.6144	497	122.5994	2.1782
2262	41.4373	519.489	521.2677	497	122.5994	2.17734
2263	41.4543	516.7319	520.2674	497	122.5994	2.17649
2264	41.4713	507.5936	518.5871	497	122.5994	2.17564
2265	41.4883	493.5997	515.8266	496	122.5994	2.17478
2266	41.5053	514.7979	513.8424	496	122.5994	2.17393
2267	41.5223	514.1612	511.9038	496	122.5994	2.17308
2268	41.5393	528.4739	510.0414	496	122.5994	2.17223
2269	41.5563	504.6608	508.2726	496	122.5994	2.17138
2270	41.5733	497.2423	505.6706	495	122.5994	2.17053
2271	41.5903	486.054	504.2708	495	122.5994	2.16969
2272	41.6073	457.8916	503.5646	495	122.5994	2.16884
2273	41.6243	488.2915	502.5665	495	122.5994	2.16799
2274	41.6413	492.9057	500.7389	494	122.5994	2.16715
2275	41.6583	484.5892	500.0916	494	122.5994	2.1663
2276	41.6753	484.0645	499.5795	494	122.5994	2.16546
2277	41.6923	514.3383	499.1873	494	122.5994	2.16461
2278	41.7093	479.8286	498.9023	494	122.5994	2.16377
2279	41.7263	537.3037	497.7132	493	122.5994	2.16293
2280	41.7433	475.616	497.6005	493	122.5994	2.16209
2281	41.7603	484.7126	497.5524	493	122.5994	2.16124
2282	41.7773	497.2423	497.6104	493	122.5994	2.1604
2283	41.7943	498.2539	497.7086	493	122.5994	2.15957
2284	41.8113	500.8509	496.8578	492	122.5994	2.15873
2285	41.8283	467.9715	497.2878	492	122.5994	2.15789
2286	41.8453	503.1939	497.5306	492	122.5994	2.15705
2287	41.8623	515.9482	497.8189	492	122.5994	2.15621
2288	41.8793	532.4796	498.1691	492	122.5994	2.15538
2289	41.8963	500.582	498.6074	492	122.5994	2.15454
2290	41.9133	481.1317	498.1637	491	122.5994	2.15371
2291	41.9303	515.7653	498.8766	491	122.5994	2.15287
2292	41.9473	491.6038	499.754	491	122.5994	2.15204
2293	41.9643	505.5409	500.7874	491	122.5994	2.15121
2294	41.9813	533.5444	502.0432	491	122.5994	2.15038
2295	41.9983	504.1452	503.5243	491	122.5994	2.14955
2296	42.0153	495.8373	504.2065	490	122.5994	2.14872
2297	42.0323	508.1327	506.1181	490	122.5994	2.14789
2298	42.0493	489.7661	508.3188	490	122.5994	2.14706
2299	42.0663	491.5158	510.7993	490	122.5994	2.14623
2300	42.0833	516.8014	513.5507	490	122.5994	2.1454
2301	42.1003	531.196	516.5408	490	122.5994	2.14457

2302	42.1173	506.195	518.5441	489	122.5994	2.14375
2303	42.1343	513.1292	521.2739	489	122.5994	2.14292
2304	42.1513	537.8391	523.3493	489	122.5994	2.1421
2305	42.1683	515.2931	524.5821	489	122.5994	2.14127
2306	42.1853	504.383	525.0718	489	122.5994	2.14045
2307	42.2023	503.5491	525.2979	489	122.5994	2.13963
2308	42.2193	496.0211	524.4326	488	122.5994	2.1388
2309	42.2363	464.2776	524.601	488	122.5994	2.13798
2310	42.2533	464.0055	524.8008	488	122.5994	2.13716
2311	42.2703	461.8668	524.9772	488	122.5994	2.13634
2312	42.2873	486.3958	525.2135	488	122.5994	2.13552
2313	42.3043	503.9224	525.7257	488	122.5994	2.1347
2314	42.3213	545.2219	525.7321	487	122.5994	2.13388
2315	42.3383	542.1437	527.4066	487	122.5994	2.13307
2316	42.3553	516.0457	529.884	487	122.5994	2.13225
2317	42.3723	525.8809	533.2767	487	122.5994	2.13143
2318	42.3893	544.9084	537.7282	487	122.5994	2.13062
2319	42.4063	551.6101	543.5029	487	122.5994	2.1298
2320	42.4233	552.197	550.1334	486	122.5994	2.12899
2321	42.4403	596.3791	560.5024	486	122.5994	2.12818
2322	42.4573	632.8687	575.1826	486	122.5994	2.12736
2323	42.4743	639.9772	595.6929	486	122.5994	2.12655
2324	42.4913	680.4213	622.9162	486	122.5994	2.12574
2325	42.5083	718.6335	655.9042	486	122.5994	2.12493
2326	42.5253	795.5939	689.3137	485	122.5994	2.12412
2327	42.5423	810.5085	715.915	485	122.5994	2.12331
2328	42.5593	768.6678	723.739	485	122.5994	2.1225
2329	42.5763	708.7322	710.7748	485	122.5994	2.12169
2330	42.5933	666.1522	686.5529	484	122.5994	2.12089
2331	42.6103	669.3747	664.9399	484	122.5994	2.12008
2332	42.6273	663.7792	650.6346	484	122.5994	2.11927
2333	42.6443	671.2563	641.7133	483	122.5994	2.11847
2334	42.6613	615.4025	634.1595	483	122.5994	2.11766
2335	42.6783	572.811	619.7573	482	122.5994	2.11686
2336	42.6953	552.6737	600.0712	482	122.5994	2.11605
2337	42.7123	517.3729	577.9695	482	122.5994	2.11525
2338	42.7293	504.9302	555.9715	481	122.5994	2.11445
2339	42.7463	512.1497	538.4066	481	122.5994	2.11365
2340	42.7633	475.4503	524.3857	480	122.5994	2.11285
2341	42.7803	471.7156	515.4753	480	122.5994	2.11205
2342	42.7973	479.5561	509.6689	480	122.5994	2.11125
2343	42.8143	468.1081	504.6384	479	122.5994	2.11045
2344	42.8313	486.4613	501.2843	479	122.5994	2.10965
2345	42.8483	457.8693	497.1479	478	122.5994	2.10885
2346	42.8653	470.797	494.3447	478	122.5994	2.10805
2347	42.8823	487.2623	491.0637	477	122.5994	2.10726
2348	42.8993	445.4744	489.2997	477	122.5994	2.10646
2349	42.9163	457.7384	487.9958	477	122.5994	2.10567
2350	42.9333	483.5965	486.05	476	122.5994	2.10487

2351	42.9503	489.6334	485.3652	476	122.5994	2.10408
2352	42.9673	486.9041	483.8577	475	122.5994	2.10329
2353	42.9843	474.3862	483.4609	475	122.5994	2.10249
2354	43.0013	457.3784	482.1279	474	122.5994	2.1017
2355	43.0183	463.3228	481.8337	474	122.5994	2.10091
2356	43.0353	439.7368	480.5869	473	122.5994	2.10012
2357	43.0523	459.5434	479.3597	472	122.5994	2.09933
2358	43.0693	450.8578	479.1636	472	122.5994	2.09854
2359	43.0863	440.9577	477.9782	471	122.5994	2.09775
2360	43.1033	447.448	476.8108	470	122.5994	2.09696
2361	43.1203	446.1041	476.5713	470	122.5994	2.09618
2362	43.1373	451.9501	475.3103	469	122.5994	2.09539
2363	43.1543	443.3255	474.1136	468	122.5994	2.0946
2364	43.1713	473.5032	473.843	468	122.5994	2.09382
2365	43.1883	468.3912	472.7636	467	122.5994	2.09303
2366	43.2053	462.6966	471.7271	466	122.5994	2.09225
2367	43.2223	454.4382	471.7232	466	122.5994	2.09147
2368	43.2393	465.7076	470.6778	465	122.5994	2.09068
2369	43.2563	470.6309	469.6137	464	122.5994	2.0899
2370	43.2733	462.5535	469.5049	464	122.5994	2.08912
2371	43.2903	470.79	468.2876	463	122.5994	2.08834
2372	43.3073	428.3865	467.1036	462	122.5994	2.08756
2373	43.3243	426.4981	466.9154	462	122.5994	2.08678
2374	43.3413	483.8091	465.7446	461	122.5994	2.086
2375	43.3583	479.2161	464.6048	460	122.5994	2.08522
2376	43.3753	472.2628	464.4834	460	122.5994	2.08444
2377	43.3923	444.6508	463.4572	459	122.5994	2.08367
2378	43.4093	443.4015	462.5456	458	122.5994	2.08289
2379	43.4263	455.9078	462.8046	458	122.5994	2.08211
2380	43.4433	440.4957	462.2807	457	122.5994	2.08134
2381	43.4603	427.2887	461.9399	456	122.5994	2.08056
2382	43.4773	448.8001	461.6666	455	122.5994	2.07979
2383	43.4943	434.8034	461.2829	454	122.5994	2.07902
2384	43.5113	445.5929	461.1186	454	122.5994	2.07824
2385	43.5283	464.2968	460.7035	453	122.5994	2.07747
2386	43.5453	475.5453	460.9062	452	122.5994	2.0767
2387	43.5623	450.8721	463.0079	452	122.5994	2.07593
2388	43.5793	430.7981	464.9051	451	122.5994	2.07516
2389	43.5963	454.2757	466.9766	450	122.5994	2.07439
2390	43.6133	465.6814	467.6714	449	122.5994	2.07362
2391	43.6303	458.2814	466.6276	448	122.5994	2.07285
2392	43.6473	446.6092	465.0315	448	122.5994	2.07208
2393	43.6643	463.8144	462.2473	447	122.5994	2.07131
2394	43.6813	456.4243	460.2039	446	122.5994	2.07055
2395	43.6983	465.4476	460.0398	446	122.5994	2.06978
2396	43.7153	463.0132	459.405	445	122.5994	2.06902
2397	43.7323	448.4622	458.5229	444	122.5994	2.06825
2398	43.7493	450.6954	456.8396	443	122.5994	2.06749
2399	43.7663	455.3228	454.5587	442	122.5994	2.06672

2400	43.7833	459.662	453.1624	442	122.5994	2.06596
2401	43.8003	428.6027	450.959	441	122.5994	2.0652
2402	43.8173	442.4513	451.0291	442	122.5994	2.06444
2403	43.8343	429.4033	450.3654	442	122.5994	2.06367
2404	43.8513	436.558	450.9196	443	122.5994	2.06291
2405	43.8683	483.0374	450.6161	443	122.5994	2.06215
2406	43.8853	458.3587	451.4092	444	122.5994	2.06139
2407	43.9023	438.8159	452.2799	445	122.5994	2.06064
2408	43.9193	477.5157	452.2294	445	122.5994	2.05988
2409	43.9363	433.0784	453.2685	446	122.5994	2.05912
2410	43.9533	441.0915	453.4008	446	122.5994	2.05836
2411	43.9703	467.1025	454.6551	447	122.5994	2.05761
2412	43.9873	470.9528	456.0239	448	122.5994	2.05685
2413	44.0043	451.599	456.4967	448	122.5994	2.0561
2414	44.0213	441.7445	458.0457	449	122.5994	2.05534
2415	44.0383	456.9054	458.6185	449	122.5994	2.05459
2416	44.0553	462.0419	460.1409	450	122.5994	2.05383
2417	44.0723	441.4147	461.5426	451	122.5994	2.05308
2418	44.0893	470.9742	461.7986	451	122.5994	2.05233
2419	44.1063	474.852	462.873	452	122.5994	2.05158
2420	44.1233	461.7967	462.7577	452	122.5994	2.05083
2421	44.1403	452.8695	463.6088	453	122.5994	2.05008
2422	44.1573	445.2648	464.2849	454	122.5994	2.04933
2423	44.1743	484.0911	463.9056	454	122.5994	2.04858
2424	44.1913	451.6895	464.4758	455	122.5994	2.04783
2425	44.2083	465.9517	465.0938	456	122.5994	2.04708
2426	44.2253	458.4447	464.5666	456	122.5994	2.04633
2427	44.2423	447.7512	463.9901	456	122.5994	2.04559
2428	44.2593	472.4448	464.3767	457	122.5994	2.04484
2429	44.2763	452.0636	463.7939	457	122.5994	2.04409
2430	44.2933	437.0803	464.2332	458	122.5994	2.04335
2431	44.3103	470.5258	463.7096	458	122.5994	2.0426
2432	44.3273	435.4922	464.2865	459	122.5994	2.04186
2433	44.3443	448.0858	463.8851	459	122.5994	2.04112
2434	44.3613	469.0335	464.5668	460	122.5994	2.04037
2435	44.3783	451.0753	464.3504	460	122.5994	2.03963
2436	44.3953	448.6706	464.278	460	122.5994	2.03889
2437	44.4123	460.675	465.3567	461	122.5994	2.03815
2438	44.4293	480.7389	465.6342	461	122.5994	2.03741
2439	44.4463	462.9914	467.0936	462	122.5994	2.03667
2440	44.4633	443.6834	467.7131	462	122.5994	2.03593
2441	44.4803	451.7108	469.2928	463	122.5994	2.03519
2442	44.4973	444.5533	469.5717	463	122.5994	2.03445
2443	44.5143	447.6939	470.4777	464	122.5994	2.03372
2444	44.5313	468.509	473.0407	464	122.5994	2.03298
2445	44.5483	451.542	473.9722	465	122.5994	2.03224
2446	44.5653	433.3613	474.1101	465	122.5994	2.03151
2447	44.5823	455.2115	474.4341	465	122.5994	2.03077
2448	44.5993	490.9195	475.8187	466	122.5994	2.03004

2449	44.6163	475.2783	476.0946	466	122.5994	2.0293
2450	44.6333	453.3236	476.2033	466	122.5994	2.02857
2451	44.6503	452.4347	478.6646	467	122.5994	2.02784
2452	44.6673	469.6207	478.7467	467	122.5994	2.0271
2453	44.6843	442.9097	478.8728	467	122.5994	2.02637
2454	44.7013	429.4627	479.0474	467	122.5994	2.02564
2455	44.7183	487.1329	479.2684	467	122.5994	2.02491
2456	44.7353	487.2179	480.543	468	122.5994	2.02418
2457	44.7523	454.785	480.8919	468	122.5994	2.02345
2458	44.7693	479.3057	481.3825	468	122.5994	2.02272
2459	44.7863	472.4351	481.9481	468	122.5994	2.02199
2460	44.8033	462.9955	482.7292	468	122.5994	2.02127
2461	44.8203	486.644	483.738	468	122.5994	2.02054
2462	44.8373	463.4704	486.0293	469	122.5994	2.01981
2463	44.8543	513.8124	487.6349	469	122.5994	2.01909
2464	44.8713	471.1972	489.6008	469	122.5994	2.01836
2465	44.8883	476.025	491.9327	469	122.5994	2.01764
2466	44.9053	517.7867	494.6564	469	122.5994	2.01691
2467	44.9223	469.5095	497.7092	469	122.5994	2.01619
2468	44.9393	513.0721	501.9981	470	122.5994	2.01547
2469	44.9563	491.1074	505.5854	470	122.5994	2.01474
2470	44.9733	517.6256	508.9109	470	122.5994	2.01402
2471	44.9903	526.9975	512.0249	470	122.5994	2.0133
2472	45.0073	485.5526	514.8323	470	122.5994	2.01258
2473	45.0243	474.9765	517.2632	470	122.5994	2.01186
2474	45.0413	502.3109	519.1991	470	122.5994	2.01114
2475	45.0583	534.0558	520.4828	470	122.5994	2.01042
2476	45.0753	516.3556	520.8977	470	122.5994	2.0097
2477	45.0923	511.3001	520.5165	470	122.5994	2.00898
2478	45.1093	520.3221	519.7388	470	122.5994	2.00826
2479	45.1263	500.9398	519.1929	470	122.5994	2.00755
2480	45.1433	497.8625	518.7026	470	122.5994	2.00683
2481	45.1603	540.2745	518.5973	470	122.5994	2.00611
2482	45.1773	545.2044	518.9276	470	122.5994	2.0054
2483	45.1943	537.3019	519.728	470	122.5994	2.00468
2484	45.2113	525.4821	521.2293	470	122.5994	2.00397
2485	45.2283	501.7119	523.8494	470	122.5994	2.00326
2486	45.2453	518.9021	528.189	470	122.5994	2.00254
2487	45.2623	526.9545	534.4942	470	122.5994	2.00183
2488	45.2793	536.5303	542.1465	469	122.5994	2.00112
2489	45.2963	549.5411	553.2726	469	122.5994	2.00041
2490	45.3133	540.2619	566.8685	469	122.5994	1.9997
2491	45.3303	554.5446	583.0933	469	122.5994	1.99899
2492	45.3473	546.7845	602.5516	469	122.5994	1.99828
2493	45.3643	559.7759	625.8699	469	122.5994	1.99757
2494	45.3813	585.3521	653.4045	469	122.5994	1.99686
2495	45.3983	600.1382	685.043	469	122.5994	1.99615
2496	45.4153	615.3861	720.1875	469	122.5994	1.99544
2497	45.4323	609.487	757.9531	469	122.5994	1.99473

2498	45.4493	637.9878	797.0121	469	122.5994	1.99403
2499	45.4663	657.8439	835.6311	469	122.5994	1.99332
2500	45.4833	672.3554	871.4821	469	122.5994	1.99262
2501	45.5003	696.8473	901.8458	469	122.5994	1.99191
2502	45.5173	702.1826	924.1227	469	122.5994	1.99121
2503	45.5343	702.3436	935.7391	468	122.5994	1.9905
2504	45.5513	675.2938	938.651	468	122.5994	1.9898
2505	45.5683	698.3079	933.1044	468	122.5994	1.9891
2506	45.5853	707.1136	920.8432	468	122.5994	1.98839
2507	45.6023	688.0674	903.3558	468	122.5994	1.98769
2508	45.6193	662.1026	881.5424	468	122.5994	1.98699
2509	45.6363	616.6673	855.8948	468	122.5994	1.98629
2510	45.6533	639.7825	826.8922	468	122.5994	1.98559
2511	45.6703	639.9414	795.4165	468	122.5994	1.98489
2512	45.6873	625.0833	762.6479	468	122.5994	1.98419
2513	45.7043	622.5466	729.8268	468	122.5994	1.98349
2514	45.7213	576.0768	698.3547	468	122.5994	1.9828
2515	45.7383	577.7242	669.4515	468	122.5994	1.9821
2516	45.7553	588.8291	643.9779	468	122.5994	1.9814
2517	45.7723	540.2029	622.5699	468	122.5994	1.9807
2518	45.7893	550.7331	605.8711	468	122.5994	1.98001
2519	45.8063	555.8091	593.6484	467	122.5994	1.97931
2520	45.8233	612.0308	588.5573	467	122.5994	1.97862
2521	45.8403	609.1397	589.9889	467	122.5994	1.97792
2522	45.8573	648.7384	597.6379	467	122.5994	1.97723
2523	45.8743	677.3104	609.1083	467	122.5994	1.97654
2524	45.8913	666.6773	618.7169	466	122.5994	1.97585
2525	45.9083	633.0445	621.9156	466	122.5994	1.97515
2526	45.9253	619.1098	614.2108	466	122.5994	1.97446
2527	45.9423	562.7247	598.5345	465	122.5994	1.97377
2528	45.9593	550.5685	584.022	465	122.5994	1.97308
2529	45.9763	598.2372	574.2789	465	122.5994	1.97239
2530	45.9933	619.4646	569.9469	465	122.5994	1.9717
2531	46.0103	578.0048	567.7384	464	122.5994	1.97101
2532	46.0273	546.675	565.5671	464	122.5994	1.97032
2533	46.0443	529.0705	559.4312	464	122.5994	1.96964
2534	46.0613	535.9045	548.91	463	122.5994	1.96895
2535	46.0783	521.3616	538.8069	463	122.5994	1.96826
2536	46.0953	501.8269	530.1509	463	122.5994	1.96757
2537	46.1123	489.1921	522.5627	462	122.5994	1.96689
2538	46.1293	452.1084	517.795	462	122.5994	1.9662
2539	46.1463	474.644	514.2226	462	122.5994	1.96552
2540	46.1633	479.6528	511.173	462	122.5994	1.96483
2541	46.1803	477.8751	507.1957	461	122.5994	1.96415
2542	46.1973	460.7021	504.2664	461	122.5994	1.96347
2543	46.2143	464.3956	501.5429	461	122.5994	1.96278
2544	46.2313	461.5888	498.1145	460	122.5994	1.9621
2545	46.2483	458.021	495.968	460	122.5994	1.96142
2546	46.2653	464.4428	494.0143	460	122.5994	1.96074

2547	46.2823	456.4722	491.1136	459	122.5994	1.96006
2548	46.2993	467.5448	489.1724	459	122.5994	1.95938
2549	46.3163	463.7305	486.2499	458	122.5994	1.9587
2550	46.3333	447.9117	484.4659	458	122.5994	1.95802
2551	46.3503	478.7783	481.9175	457	122.5994	1.95734
2552	46.3673	460.9374	480.5789	457	122.5994	1.95666
2553	46.3843	457.9161	478.439	456	122.5994	1.95599
2554	46.4013	442.1267	477.4535	456	122.5994	1.95531
2555	46.4183	453.1476	475.5798	455	122.5994	1.95463
2556	46.4353	470.4001	474.8016	455	122.5994	1.95396
2557	46.4523	479.6352	473.0921	454	122.5994	1.95328
2558	46.4693	417.2001	472.5131	454	122.5994	1.95261
2559	46.4863	478.3437	471.9854	454	122.5994	1.95193
2560	46.5033	441.9723	470.5987	453	122.5994	1.95126
2561	46.5203	395.0717	470.3889	453	122.5994	1.95058
2562	46.5373	424.6887	466.7093	452	122.5994	1.94991
2563	46.5543	397.68	467.0548	452	122.5994	1.94924
2564	46.5713	436.1583	466.6707	451	122.5994	1.94857
2565	46.5883	434.7059	467.5451	451	122.5994	1.9479
2566	46.6053	450.1306	467.6003	450	122.5994	1.94722
2567	46.6223	459.3121	468.6491	450	122.5994	1.94655
2568	46.6393	423.9488	468.4352	449	122.5994	1.94588
2569	46.6563	454.8407	467.5197	449	122.5994	1.94521
2570	46.6733	466.1112	466.7394	448	122.5994	1.94455
2571	46.6903	439.0024	466.8985	448	122.5994	1.94388
2572	46.7073	422.5079	466.0365	447	122.5994	1.94321
2573	46.7243	455.0881	465.1436	446	122.5994	1.94254
2574	46.7413	458.0894	465.1331	446	122.5994	1.94188
2575	46.7583	465.5257	463.8603	445	122.5994	1.94121
2576	46.7753	426.7786	463.2444	445	122.5994	1.94054
2577	46.7923	417.3696	461.3316	444	122.5994	1.93988
2578	46.8093	417.2456	459.2798	443	122.5994	1.93921
2579	46.8263	434.315	458.1711	443	122.5994	1.93855
2580	46.8433	455.7216	456.0718	442	122.5994	1.93788
2581	46.8603	451.2616	454.8114	442	122.5994	1.93722
2582	46.8773	423.9034	452.8157	441	122.5994	1.93656
2583	46.8943	427.5819	450.9147	440	122.5994	1.9359
2584	46.9113	415.5482	450.0118	440	122.5994	1.93523
2585	46.9283	422.0702	448.1542	439	122.5994	1.93457
2586	46.9453	436.7681	446.3492	438	122.5994	1.93391
2587	46.9623	426.2501	445.6075	438	122.5994	1.93325
2588	46.9793	417.4996	443.8368	437	122.5994	1.93259
2589	46.9963	433.1114	442.252	436	122.5994	1.93193
2590	47.0133	447.0147	441.7508	436	122.5994	1.93127
2591	47.0303	455.5918	440.3566	435	122.5994	1.93061
2592	47.0473	445.3222	440.0234	435	122.5994	1.92996
2593	47.0643	434.5191	438.7803	434	122.5994	1.9293
2594	47.0813	446.0003	437.6485	433	122.5994	1.92864
2595	47.0983	445.9569	437.6718	433	122.5994	1.92799

2596	47.1153	455.8092	436.9158	432	122.5994	1.92733
2597	47.1323	447.1031	437.3003	432	122.5994	1.92667
2598	47.1493	416.0968	437.1646	431	122.5994	1.92602
2599	47.1663	468.9408	437.3	430	122.5994	1.92536
2600	47.1833	447.5427	438.5734	430	122.5994	1.92471
2601	47.2003	437.2526	438.5076	429	122.5994	1.92406
2602	47.2173	457.2541	437.7903	428	122.5994	1.9234
2603	47.2343	445.3536	437.5628	428	122.5994	1.92275
2604	47.2513	419.8828	436.264	427	122.5994	1.9221
2605	47.2683	374.1354	435.4129	426	122.5994	1.92145
2606	47.2853	429.9199	436.039	426	122.5994	1.9208
2607	47.3023	456.4073	436.054	425	122.5994	1.92014
2608	47.3193	435.3284	437.1693	425	122.5994	1.91949
2609	47.3363	426.0032	437.0119	424	122.5994	1.91885
2610	47.3533	465.184	436.4019	423	122.5994	1.9182
2611	47.3703	426.5072	436.45	423	122.5994	1.91755
2612	47.3873	413.2291	435.2151	422	122.5994	1.9169
2613	47.4043	407.4354	434.8105	422	122.5994	1.91625
2614	47.4213	439.5715	433.2731	421	122.5994	1.9156
2615	47.4383	453.6706	431.7298	420	122.5994	1.91496
2616	47.4553	445.7179	431.1801	420	122.5994	1.91431
2617	47.4723	383.6694	429.6292	419	122.5994	1.91366
2618	47.4893	400.1098	429.081	419	122.5994	1.91302
2619	47.5063	455.2032	428.4777	419	122.5994	1.91237
2620	47.5233	441.0588	426.8387	418	122.5994	1.91173
2621	47.5403	442.5263	426.1966	418	122.5994	1.91109
2622	47.5573	455.3936	425.607	418	122.5994	1.91044
2623	47.5743	465.4703	425.1269	418	122.5994	1.9098
2624	47.5913	437.9614	424.7983	418	122.5994	1.90916
2625	47.6083	413.9175	423.6441	417	122.5994	1.90851
2626	47.6253	402.6421	423.6936	417	122.5994	1.90787
2627	47.6423	390.1239	423.8831	417	122.5994	1.90723
2628	47.6593	400.374	424.2095	417	122.5994	1.90659
2629	47.6763	408.0944	423.6296	416	122.5994	1.90595
2630	47.6933	441.1405	423.9913	416	122.5994	1.90531
2631	47.7103	453.9675	424.413	416	122.5994	1.90467
2632	47.7273	440.1507	424.7236	416	122.5994	1.90403
2633	47.7443	431.52	424.8692	416	122.5994	1.9034
2634	47.7613	425.8526	423.8494	415	122.5994	1.90276
2635	47.7783	441.2196	423.6755	415	122.5994	1.90212
2636	47.7953	417.9031	423.4108	415	122.5994	1.90148
2637	47.8123	415.6141	423.0533	415	122.5994	1.90085
2638	47.8293	408.2189	422.7191	415	122.5994	1.90021
2639	47.8463	404.0639	421.3838	414	122.5994	1.89958
2640	47.8633	407.1204	420.9945	414	122.5994	1.89894
2641	47.8803	417.8998	420.575	414	122.5994	1.89831
2642	47.8973	427.0035	420.1462	414	122.5994	1.89767
2643	47.9143	407.7411	419.7452	414	122.5994	1.89704
2644	47.9313	436.1547	419.4125	414	122.5994	1.89641

2645	47.9483	426.1651	419.1744	414	122.5994	1.89577
2646	47.9653	466.788	419.1315	414	122.5994	1.89514
2647	47.9823	435.1941	419.2589	414	122.5994	1.89451
2648	47.9993	409.2368	420.6769	415	122.5994	1.89388
2649	48.0163	423.9148	421.5208	415	122.5994	1.89325
2650	48.0333	420.2235	422.9777	415	122.5994	1.89262
2651	48.0503	429.1376	425.2591	415	122.5994	1.89199
2652	48.0673	464.7819	428.5124	415	122.5994	1.89136
2653	48.0843	423.3068	432.6567	415	122.5994	1.89073
2654	48.1013	470.4873	437.4146	415	122.5994	1.8901
2655	48.1183	466.173	442.2506	415	122.5994	1.88947
2656	48.1353	461.6666	446.1333	415	122.5994	1.88884
2657	48.1523	457.3921	448.1194	415	122.5994	1.88822
2658	48.1693	451.5054	448.7084	415	122.5994	1.88759
2659	48.1863	448.409	448.6483	415	122.5994	1.88696
2660	48.2033	473.1743	447.682	415	122.5994	1.88634
2661	48.2203	453.3895	446.7355	416	122.5994	1.88571
2662	48.2373	466.6222	444.663	416	122.5994	1.88509
2663	48.2543	458.2959	443.0261	416	122.5994	1.88446
2664	48.2713	431.9345	441.4995	416	122.5994	1.88384
2665	48.2883	430.8888	439.872	416	122.5994	1.88322
2666	48.3053	443.749	438.3543	416	122.5994	1.88259
2667	48.3223	438.0514	436.6921	416	122.5994	1.88197
2668	48.3393	455.665	434.5368	416	122.5994	1.88135
2669	48.3563	443.5622	432.0243	416	122.5994	1.88073
2670	48.3733	459.3148	429.7627	416	122.5994	1.8801
2671	48.3903	480.1351	427.9863	416	122.5994	1.87948
2672	48.4073	449.3502	426.7427	416	122.5994	1.87886
2673	48.4243	434.5537	426.0103	416	122.5994	1.87824
2674	48.4413	438.7515	426.5333	417	122.5994	1.87762
2675	48.4583	430.667	426.2276	417	122.5994	1.87701
2676	48.4753	437.3468	425.982	417	122.5994	1.87639
2677	48.4923	426.6116	425.708	417	122.5994	1.87577
2678	48.5093	438.7031	425.4561	417	122.5994	1.87515
2679	48.5263	443.1706	425.2202	417	122.5994	1.87453
2680	48.5433	444.8769	425.0902	417	122.5994	1.87392
2681	48.5603	422.0235	424.9528	417	122.5994	1.8733
2682	48.5773	460.0411	424.9081	417	122.5994	1.87269
2683	48.5943	462.6429	424.7936	417	122.5994	1.87207
2684	48.6113	444.406	424.7151	417	122.5994	1.87145
2685	48.6283	453.6708	424.6105	417	122.5994	1.87084
2686	48.6453	416.4126	425.4819	418	122.5994	1.87023
2687	48.6623	433.2918	425.3469	418	122.5994	1.86961
2688	48.6793	424.1618	425.229	418	122.5994	1.869
2689	48.6963	448.1565	425.1493	418	122.5994	1.86839
2690	48.7133	400.893	425.1163	418	122.5994	1.86777
2691	48.7303	420.4052	425.148	418	122.5994	1.86716
2692	48.7473	398.798	425.2261	418	122.5994	1.86655
2693	48.7643	414.6385	424.3694	417	122.5994	1.86594

2694	48.7813	416.1201	424.5606	417	122.5994	1.86533
2695	48.7983	444.247	424.7944	417	122.5994	1.86472
2696	48.8153	412.499	425.0639	417	122.5994	1.86411
2697	48.8323	445.236	425.3615	417	122.5994	1.8635
2698	48.8493	440.4696	425.6788	417	122.5994	1.86289
2699	48.8663	425.6953	425.9588	417	122.5994	1.86228
2700	48.8833	449.0906	426.2864	417	122.5994	1.86168
2701	48.9003	444.4793	426.5959	417	122.5994	1.86107
2702	48.9173	429.7877	426.8789	417	122.5994	1.86046
2703	48.9343	389.2646	427.1192	417	122.5994	1.85985
2704	48.9513	468.9028	427.288	417	122.5994	1.85925
2705	48.9683	459.4638	427.3644	417	122.5994	1.85864
2706	48.9853	458.1141	427.3573	417	122.5994	1.85804
2707	49.0023	430.8609	426.3049	416	122.5994	1.85743
2708	49.0193	462.2459	426.2551	416	122.5994	1.85683
2709	49.0363	476.8674	426.2506	416	122.5994	1.85622
2710	49.0533	437.9907	426.4024	416	122.5994	1.85562
2711	49.0703	422.8536	426.5435	416	122.5994	1.85502
2712	49.0873	420.3559	426.7268	416	122.5994	1.85441
2713	49.1043	414.1486	426.907	416	122.5994	1.85381
2714	49.1213	421.9005	427.0299	416	122.5994	1.85321
2715	49.1383	408.7715	427.0419	416	122.5994	1.85261
2716	49.1553	417.9199	426.9077	416	122.5994	1.85201
2717	49.1723	429.3014	427.6452	417	122.5994	1.85141
2718	49.1893	429.6372	427.4155	417	122.5994	1.85081
2719	49.2063	428.0737	427.0789	417	122.5994	1.85021
2720	49.2233	434.7678	426.9004	417	122.5994	1.84961
2721	49.2403	435.0078	426.8609	417	122.5994	1.84901
2722	49.2573	438.6712	427.9827	418	122.5994	1.84841
2723	49.2743	420.5451	428.2988	418	122.5994	1.84781
2724	49.2913	400.9178	428.9016	418	122.5994	1.84722
2725	49.3083	423.5262	429.9954	418	122.5994	1.84662
2726	49.3253	425.2624	431.875	418	122.5994	1.84602
2727	49.3423	410.8155	434.9493	418	122.5994	1.84543
2728	49.3593	424.6975	439.4017	418	122.5994	1.84483
2729	49.3763	459.2337	446.015	419	122.5994	1.84424
2730	49.3933	446.4835	451.8374	419	122.5994	1.84364
2731	49.4103	406.6	455.8566	419	122.5994	1.84305
2732	49.4273	463.0289	456.1712	419	122.5994	1.84245
2733	49.4443	456.9109	453.2848	419	122.5994	1.84186
2734	49.4613	429.2349	450.5454	420	122.5994	1.84126
2735	49.4783	404.306	447.7959	420	122.5994	1.84067
2736	49.4953	431.1388	446.7939	420	122.5994	1.84008
2737	49.5123	440.5078	447.3593	420	122.5994	1.83949
2738	49.5293	397.3811	448.5601	420	122.5994	1.8389
2739	49.5463	417.7148	448.8603	420	122.5994	1.8383
2740	49.5633	427.9949	447.2196	420	122.5994	1.83771
2741	49.5803	436.3906	446.168	420	122.5994	1.83712
2742	49.5973	408.7834	442.8148	420	122.5994	1.83653

2743	49.6143	403.9805	439.9116	420	122.5994	1.83594
2744	49.6313	454.0594	437.7885	420	122.5994	1.83536
2745	49.6483	473.805	436.4533	420	122.5994	1.83477
2746	49.6653	442.1142	435.7914	420	122.5994	1.83418
2747	49.6823	456.4974	435.5227	420	122.5994	1.83359
2748	49.6993	439.3066	435.3322	420	122.5994	1.833
2749	49.7163	419.7232	434.8906	420	122.5994	1.83242
2750	49.7333	391.7026	434.0729	420	122.5994	1.83183
2751	49.7503	417.6739	433.1318	420	122.5994	1.83124
2752	49.7673	442.7638	432.4045	420	122.5994	1.83066
2753	49.7843	438.0873	432.1378	420	122.5994	1.83007
2754	49.8013	460.9453	432.4464	420	122.5994	1.82949
2755	49.8183	466.5508	433.3992	420	122.5994	1.8289
2756	49.8353	452.4677	435.0128	420	122.5994	1.82832
2757	49.8523	440.6758	438.8066	420	122.5994	1.82774
2758	49.8693	431.0208	441.7334	420	122.5994	1.82715
2759	49.8863	452.1937	445.1106	420	122.5994	1.82657
2760	49.9033	443.3933	448.344	420	122.5994	1.82599
2761	49.9203	434.2036	450.4912	420	122.5994	1.82541
2762	49.9373	428.4728	451.291	420	122.5994	1.82482
2763	49.9543	441.4051	451.6003	420	122.5994	1.82424
2764	49.9713	473.2395	452.6795	420	122.5994	1.82366
2765	49.9883	470.9528	455.7062	420	122.5994	1.82308
2766	50.0053	479.4729	461.2035	420	122.5994	1.8225
2767	50.0223	468.4399	468.352	419	122.5994	1.82192
2768	50.0393	456.2572	478.2444	419	122.5994	1.82134
2769	50.0563	474.3195	487.9714	419	122.5994	1.82076
2770	50.0733	499.5481	495.261	419	122.5994	1.82019
2771	50.0903	513.4291	498.8035	419	122.5994	1.81961
2772	50.1073	553.1008	499.9579	419	122.5994	1.81903
2773	50.1243	582.1442	502.003	418	122.5994	1.81845
2774	50.1413	635.4746	512.1864	418	122.5994	1.81788
2775	50.1583	722.3672	534.849	418	122.5994	1.8173
2776	50.1753	794.1977	575.4665	418	122.5994	1.81672
2777	50.1923	925.3612	638.4412	418	122.5994	1.81615
2778	50.2093	1073.471	724.6853	418	122.5994	1.81557
2779	50.2263	1109.038	828.3939	418	122.5994	1.815
2780	50.2433	996.328	931.94	417	122.5994	1.81442
2781	50.2603	790.678	1005.214	417	122.5994	1.81385
2782	50.2773	701.4303	1012.529	417	122.5994	1.81328
2783	50.2943	673.704	954.7682	417	122.5994	1.8127
2784	50.3113	670.8994	870.5742	417	122.5994	1.81213
2785	50.3283	732.9617	797.3574	417	122.5994	1.81156
2786	50.3453	765.2733	752.8218	416	122.5994	1.81099
2787	50.3623	767.2164	741.1526	416	122.5994	1.81042
2788	50.3793	719.8449	749.7195	416	122.5994	1.80985
2789	50.3963	611.5452	755.361	416	122.5994	1.80927
2790	50.4133	537.984	735.3755	416	122.5994	1.8087
2791	50.4303	500.3802	687.8667	416	122.5994	1.80813

2792	50.4473	459.3765	629.1421	416	122.5994	1.80756
2793	50.4643	479.875	572.921	415	122.5994	1.807
2794	50.4813	434.5553	528.402	415	122.5994	1.80643
2795	50.4983	481.6208	496.226	415	122.5994	1.80586
2796	50.5153	401.0256	474.9437	415	122.5994	1.80529
2797	50.5323	433.3633	461.7665	415	122.5994	1.80472
2798	50.5493	429.3819	453.9264	415	122.5994	1.80416
2799	50.5663	409.3826	448.2506	414	122.5994	1.80359
2800	50.5833	461.3502	445.396	414	122.5994	1.80302
2801	50.6003	460.0276	443.4478	414	122.5994	1.80246
2802	50.6173	458.6738	441.9762	414	122.5994	1.80189
2803	50.6343	431.989	441.0791	414	122.5994	1.80133
2804	50.6513	416.5179	441.0804	414	122.5994	1.80076
2805	50.6683	437.6019	442.2767	414	122.5994	1.8002
2806	50.6853	477.3672	443.7779	413	122.5994	1.79963
2807	50.7023	450.637	447.3883	413	122.5994	1.79907
2808	50.7193	456.3895	450.9777	413	122.5994	1.79851
2809	50.7363	453.5469	453.0452	413	122.5994	1.79794
2810	50.7533	457.7164	452.0885	413	122.5994	1.79738
2811	50.7703	431.3993	447.5809	412	122.5994	1.79682
2812	50.7873	438.4933	443.1696	412	122.5994	1.79626
2813	50.8043	432.7706	439.3899	412	122.5994	1.7957
2814	50.8213	423.2091	435.932	411	122.5994	1.79514
2815	50.8383	425.477	434.8482	411	122.5994	1.79458
2816	50.8553	416.2155	434.609	411	122.5994	1.79402
2817	50.8723	433.2553	433.2699	410	122.5994	1.79346
2818	50.8893	432.4222	431.8135	410	122.5994	1.7929
2819	50.9063	411.5366	429.3299	410	122.5994	1.79234
2820	50.9233	428.1755	425.4535	409	122.5994	1.79178
2821	50.9403	432.6021	422.7682	409	122.5994	1.79122
2822	50.9573	400.2734	420.5523	409	122.5994	1.79066
2823	50.9743	405.3048	417.8703	408	122.5994	1.79011
2824	50.9913	397.2982	416.6649	408	122.5994	1.78955
2825	51.0083	401.1224	415.8272	408	122.5994	1.78899
2826	51.0253	388.5103	414.2495	407	122.5994	1.78844
2827	51.0423	403.3459	413.8532	407	122.5994	1.78788
2828	51.0593	408.0944	413.4994	407	122.5994	1.78733
2829	51.0763	432.3991	412.3321	406	122.5994	1.78677
2830	51.0933	397.8422	412.2183	406	122.5994	1.78622
2831	51.1103	402.7589	412.1009	406	122.5994	1.78566
2832	51.1273	411.3445	410.9336	405	122.5994	1.78511
2833	51.1443	408.3615	410.7889	405	122.5994	1.78456
2834	51.1613	408.0009	410.6016	405	122.5994	1.784
2835	51.1783	400.1456	409.4675	404	122.5994	1.78345
2836	51.1953	376.4447	407.4831	404	122.5994	1.7829
2837	51.2123	456.7679	407.5633	404	122.5994	1.78235
2838	51.2293	396.8112	407.6971	404	122.5994	1.78179
2839	51.2463	417.5226	407.8598	404	122.5994	1.78124
2840	51.2633	434.3308	407.0318	403	122.5994	1.78069

2841	51.2803	410.1714	407.2367	403	122.5994	1.78014
2842	51.2973	426.9715	407.515	403	122.5994	1.77959
2843	51.3143	410.1816	406.9743	402	122.5994	1.77904
2844	51.3313	377.7429	407.797	402	122.5994	1.77849
2845	51.3483	388.7148	409.2859	402	122.5994	1.77794
2846	51.3653	413.357	411.8524	402	122.5994	1.7774
2847	51.3823	432.5985	415.8817	402	122.5994	1.77685
2848	51.3993	429.4171	420.5253	401	122.5994	1.7763
2849	51.4163	427.2553	427.2518	401	122.5994	1.77575
2850	51.4333	438.9157	433.4175	401	122.5994	1.77521
2851	51.4503	416.5851	435.2337	400	122.5994	1.77466
2852	51.4673	404.1074	433.0753	400	122.5994	1.77411
2853	51.4843	416.5208	427.8215	400	122.5994	1.77357
2854	51.5013	405.8896	422.5139	400	122.5994	1.77302
2855	51.5183	389.2303	419.0101	400	122.5994	1.77248
2856	51.5353	404.6448	416.8134	399	122.5994	1.77193
2857	51.5523	405.4078	417.8217	399	122.5994	1.77139
2858	51.5693	397.1127	419.6204	399	122.5994	1.77084
2859	51.5863	391.94	420.4278	399	122.5994	1.7703
2860	51.6033	410.228	417.959	398	122.5994	1.76976
2861	51.6203	416.2155	414.8297	398	122.5994	1.76921
2862	51.6373	416.1201	411.466	398	122.5994	1.76867
2863	51.6543	416.2155	408.7729	398	122.5994	1.76813
2864	51.6713	389.8701	407.0122	398	122.5994	1.76759
2865	51.6883	399.6397	405.2781	397	122.5994	1.76705
2866	51.7053	413.5937	405.2471	397	122.5994	1.7665
2867	51.7223	412.0505	405.7151	397	122.5994	1.76596
2868	51.7393	414.942	406.4981	397	122.5994	1.76542
2869	51.7563	433.7232	406.5156	396	122.5994	1.76488
2870	51.7733	402.4182	407.7426	396	122.5994	1.76434
2871	51.7903	382.1592	409.1691	396	122.5994	1.7638
2872	51.8073	383.2365	410.7275	396	122.5994	1.76327
2873	51.8243	393.6296	412.2832	396	122.5994	1.76273
2874	51.8413	432.6937	412.6202	395	122.5994	1.76219
2875	51.8583	406.7062	413.5344	395	122.5994	1.76165
2876	51.8753	396.5331	413.611	395	122.5994	1.76111
2877	51.8923	382.092	412.9545	395	122.5994	1.76058
2878	51.9093	376.7905	411.9142	395	122.5994	1.76004
2879	51.9263	405.5892	409.8547	394	122.5994	1.7595
2880	51.9433	411.9234	408.9839	394	122.5994	1.75897
2881	51.9603	385.0464	408.3709	394	122.5994	1.75843
2882	51.9773	392.0006	407.9878	394	122.5994	1.7579
2883	51.9943	376.6351	408.9221	395	122.5994	1.75736
2884	52.0113	408.4787	408.7159	395	122.5994	1.75683
2885	52.0283	419.3507	409.4912	396	122.5994	1.75629
2886	52.0453	404.3643	409.2668	396	122.5994	1.75576
2887	52.0623	408.7801	408.917	396	122.5994	1.75523
2888	52.0793	417.6656	409.1324	397	122.5994	1.75469
2889	52.0963	426.1688	407.8139	397	122.5994	1.75416

2890	52.1133	410.754	407.2958	398	122.5994	1.75363
2891	52.1303	406.2764	406.047	398	122.5994	1.7531
2892	52.1473	412.8311	406.127	399	122.5994	1.75257
2893	52.1643	398.2609	405.6659	399	122.5994	1.75204
2894	52.1813	399.9723	405.5791	399	122.5994	1.7515
2895	52.1983	421.0308	406.6774	400	122.5994	1.75097
2896	52.2153	414.5086	406.6955	400	122.5994	1.75044
2897	52.2323	421.4882	407.4675	401	122.5994	1.74991
2898	52.2493	414.9836	407.0703	401	122.5994	1.74938
2899	52.2663	411.9054	407.662	402	122.5994	1.74886
2900	52.2833	441.0588	407.2798	402	122.5994	1.74833
2901	52.3003	432.7153	407.187	402	122.5994	1.7478
2902	52.3173	420.2097	408.4156	403	122.5994	1.74727
2903	52.3343	425.7613	409.0492	403	122.5994	1.74674
2904	52.3513	419.3796	411.1269	404	122.5994	1.74622
2905	52.3683	404.0639	412.5642	404	122.5994	1.74569
2906	52.3853	414.2436	414.0981	404	122.5994	1.74516
2907	52.4023	415.7316	416.4155	405	122.5994	1.74464
2908	52.4193	410.3132	417.2115	405	122.5994	1.74411
2909	52.4363	419.0355	418.8207	406	122.5994	1.74359
2910	52.4533	419.571	419.8126	406	122.5994	1.74306
2911	52.4703	406.2246	421.5714	406	122.5994	1.74254
2912	52.4873	375.3276	424.9413	407	122.5994	1.74201
2913	52.5043	405.1992	427.1759	407	122.5994	1.74149
2914	52.5213	428.4489	429.26	408	122.5994	1.74096
2915	52.5383	434.3585	428.9103	408	122.5994	1.74044
2916	52.5553	427.8053	428.6044	409	122.5994	1.73992
2917	52.5723	424.4166	426.9648	409	122.5994	1.73939
2918	52.5893	390.6645	425.6519	409	122.5994	1.73887
2919	52.6063	418.0527	426.0225	410	122.5994	1.73835
2920	52.6233	412.0635	426.2247	410	122.5994	1.73783
2921	52.6403	391.493	427.6884	411	122.5994	1.73731
2922	52.6573	398.2547	427.9636	411	122.5994	1.73679
2923	52.6743	435.6535	428.7907	412	122.5994	1.73627
2924	52.6913	437.3205	428.3961	412	122.5994	1.73575
2925	52.7083	406.8019	428.0655	412	122.5994	1.73523
2926	52.7253	411.5262	428.9867	413	122.5994	1.73471
2927	52.7423	443.83	429.2828	413	122.5994	1.73419
2928	52.7593	428.8136	430.9749	414	122.5994	1.73367
2929	52.7763	376.4305	432.0565	414	122.5994	1.73315
2930	52.7933	432.3467	434.338	415	122.5994	1.73263
2931	52.8103	416.1201	435.6696	415	122.5994	1.73212
2932	52.8273	415.0836	438.1013	416	122.5994	1.7316
2933	52.8443	405.0256	439.489	416	122.5994	1.73108
2934	52.8613	457.4583	441.8354	417	122.5994	1.73056
2935	52.8783	454.3007	443.1161	417	122.5994	1.73005
2936	52.8953	451.6345	445.3807	418	122.5994	1.72953
2937	52.9123	419.6656	446.6538	418	122.5994	1.72902
2938	52.9293	440.1319	448.8855	419	122.5994	1.7285

2939	52.9463	452.7337	449.9963	419	122.5994	1.72799
2940	52.9633	445.5281	451.8111	420	122.5994	1.72747
2941	52.9803	430.4636	452.2959	420	122.5994	1.72696
2942	52.9973	414.2796	453.3158	421	122.5994	1.72644
2943	53.0143	402.713	453.8817	422	122.5994	1.72593
2944	53.0313	436.7681	453.0589	422	122.5994	1.72542
2945	53.0483	429.7651	452.96	423	122.5994	1.7249
2946	53.0653	423.6656	451.7346	423	122.5994	1.72439
2947	53.0823	421.0767	451.4704	424	122.5994	1.72388
2948	53.0993	405.8733	450.2137	424	122.5994	1.72337
2949	53.1163	441.9792	449.9464	425	122.5994	1.72286
2950	53.1333	459.3573	448.6111	425	122.5994	1.72234
2951	53.1503	433.3623	448.1851	426	122.5994	1.72183
2952	53.1673	428.4967	446.847	426	122.5994	1.72132
2953	53.1843	426.1121	446.8232	427	122.5994	1.72081
2954	53.2013	418.4146	446.3695	427	122.5994	1.7203
2955	53.2183	429.4684	447.6249	428	122.5994	1.71979
2956	53.2353	422.4177	448.5083	428	122.5994	1.71928
2957	53.2523	422.0205	449.5993	428	122.5994	1.71878
2958	53.2693	428.4489	451.1739	429	122.5994	1.71827
2959	53.2863	431.2249	450.7311	429	122.5994	1.71776
2960	53.3033	455.2116	449.6761	429	122.5994	1.71725
2961	53.3203	448.928	449.7625	430	122.5994	1.71674
2962	53.3373	441.0588	449.1654	430	122.5994	1.71624
2963	53.3543	444.0358	449.7465	431	122.5994	1.71573
2964	53.3713	442.1001	449.5816	431	122.5994	1.71522
2965	53.3883	450.7825	449.8333	431	122.5994	1.71472
2966	53.4053	440.3162	451.4811	432	122.5994	1.71421
2967	53.4223	475.3359	452.1458	432	122.5994	1.71371
2968	53.4393	458.5323	452.5735	432	122.5994	1.7132
2969	53.4563	404.125	453.7917	433	122.5994	1.7127
2970	53.4733	424.6122	453.7779	433	122.5994	1.71219
2971	53.4903	421.1029	453.2939	433	122.5994	1.71169
2972	53.5073	463.0394	453.4591	434	122.5994	1.71118
2973	53.5243	403.6233	452.7639	434	122.5994	1.71068
2974	53.5413	477.0176	452.5877	434	122.5994	1.71018
2975	53.5583	441.3656	453.8743	435	122.5994	1.70968
2976	53.5753	475.0529	454.4782	435	122.5994	1.70917
2977	53.5923	462.4519	456.0156	436	122.5994	1.70867
2978	53.6093	465.3632	456.253	436	122.5994	1.70817
2979	53.6263	444.8499	456.0255	436	122.5994	1.70767
2980	53.6433	442.7045	456.3504	437	122.5994	1.70717
2981	53.6603	455.4108	455.4588	437	122.5994	1.70667
2982	53.6773	437.4553	454.5797	437	122.5994	1.70617
2983	53.6943	445.0862	454.7721	438	122.5994	1.70567
2984	53.7113	467.4153	454.185	438	122.5994	1.70517
2985	53.7283	467.3258	453.7051	438	122.5994	1.70467
2986	53.7453	446.0886	454.2659	439	122.5994	1.70417
2987	53.7623	424.4073	453.8289	439	122.5994	1.70367

2988	53.7793	445.9384	453.3679	439	122.5994	1.70317
2989	53.7963	457.425	453.8722	440	122.5994	1.70267
2990	53.8133	438.8438	453.3477	440	122.5994	1.70217
2991	53.8303	466.5317	452.8214	440	122.5994	1.70168
2992	53.8473	449.0268	453.3405	441	122.5994	1.70118
2993	53.8643	440.5268	452.9029	441	122.5994	1.70068
2994	53.8813	448.6961	453.8018	442	122.5994	1.70019
2995	53.8983	448.076	453.7723	442	122.5994	1.69969
2996	53.9153	450.5355	453.88	442	122.5994	1.69919
2997	53.9323	427.5787	454.9841	443	122.5994	1.6987
2998	53.9493	430.1355	454.9796	443	122.5994	1.6982
2999	53.9663	449.4999	454.5539	443	122.5994	1.69771
3000	53.9833	453.8893	454.9689	444	122.5994	1.69721
3001	54.0003	437.3212	454.2825	444	122.5994	1.69672
3002	54.0173	432.0443	454.8505	445	122.5994	1.69623
3003	54.0343	458.6455	454.9188	445	122.5994	1.69573
3004	54.0513	463.0213	455.8869	446	122.5994	1.69524
3005	54.0683	441.8421	455.9794	446	122.5994	1.69475
3006	54.0853	454.9656	457.1676	447	122.5994	1.69425
3007	54.1023	469.4506	457.2419	447	122.5994	1.69376
3008	54.1193	458.9205	458.2847	448	122.5994	1.69327
3009	54.1363	426.5884	458.4193	448	122.5994	1.69278
3010	54.1533	466.484	459.6174	449	122.5994	1.69229
3011	54.1703	484.0645	460.1174	449	122.5994	1.6918
3012	54.1873	463.5001	461.9103	450	122.5994	1.69131
3013	54.2043	461.4836	462.769	450	122.5994	1.69082
3014	54.2213	455.1134	464.7035	451	122.5994	1.69033
3015	54.2383	439.3994	465.5889	451	122.5994	1.68984
3016	54.2553	429.5164	467.3229	452	122.5994	1.68935
3017	54.2723	470.1977	467.9383	452	122.5994	1.68886
3018	54.2893	483.3159	469.4441	453	122.5994	1.68837
3019	54.3063	467.6281	469.9395	453	122.5994	1.68788
3020	54.3233	470.7692	471.4423	454	122.5994	1.68739
3021	54.3403	470.8448	471.8062	454	122.5994	1.6869
3022	54.3573	466.6069	473.0463	455	122.5994	1.68642
3023	54.3743	446.026	473.1127	455	122.5994	1.68593
3024	54.3913	484.6464	474.1759	456	122.5994	1.68544
3025	54.4083	496.0894	473.803	456	122.5994	1.68496
3026	54.4253	478.1661	473.2852	456	122.5994	1.68447
3027	54.4423	462.6723	473.6874	457	122.5994	1.68398
3028	54.4593	462.1159	473.1386	457	122.5994	1.6835
3029	54.4763	441.8088	472.6565	457	122.5994	1.68301
3030	54.4933	487.5078	473.1864	458	122.5994	1.68253
3031	54.5103	467.3976	472.8831	458	122.5994	1.68204
3032	54.5273	479.952	472.5768	458	122.5994	1.68156
3033	54.5443	452.4362	473.2108	459	122.5994	1.68108
3034	54.5613	470.2316	472.9562	459	122.5994	1.68059
3035	54.5783	495.2932	472.9091	459	122.5994	1.68011
3036	54.5953	501.8269	474.1787	460	122.5994	1.67963

3037	54.6123	487.5471	474.8746	460	122.5994	1.67914
3038	54.6293	462.4825	476.0739	460	122.5994	1.67866
3039	54.6463	470.8448	478.6968	461	122.5994	1.67818
3040	54.6633	465.8294	480.7928	461	122.5994	1.6777
3041	54.6803	479.6446	482.8641	461	122.5994	1.67722
3042	54.6973	473.4763	484.5327	461	122.5994	1.67674
3043	54.7143	447.4452	486.5682	462	122.5994	1.67625
3044	54.7313	464.9791	487.4042	462	122.5994	1.67577
3045	54.7483	443.2173	488.7396	462	122.5994	1.67529
3046	54.7653	452.4766	492.0287	463	122.5994	1.67481
3047	54.7823	477.9048	495.4141	463	122.5994	1.67433
3048	54.7993	489.0164	499.9267	463	122.5994	1.67386
3049	54.8163	492.7927	506.2952	464	122.5994	1.67338
3050	54.8333	500.9951	511.9987	464	122.5994	1.6729
3051	54.8503	514.6905	517.438	464	122.5994	1.67242
3052	54.8673	531.678	522.3392	464	122.5994	1.67194
3053	54.8843	550.8116	527.2935	464	122.5994	1.67146
3054	54.9013	607.2488	534.0206	464	122.5994	1.67099
3055	54.9183	615.9349	543.0065	464	122.5994	1.67051
3056	54.9353	650.7062	556.0148	464	122.5994	1.67003
3057	54.9523	697.3308	573.9105	464	122.5994	1.66956
3058	54.9693	687.0633	596.4392	464	122.5994	1.66908
3059	54.9863	620.555	620.9224	464	122.5994	1.6686
3060	55.0033	577.4574	640.67	464	122.5994	1.66813
3061	55.0203	535.7082	646.5477	464	122.5994	1.66765
3062	55.0373	545.0586	635.4486	464	122.5994	1.66718
3063	55.0543	531.1218	614.8214	464	122.5994	1.6667
3064	55.0713	597.8183	594.4269	465	122.5994	1.66623
3065	55.0883	618.9905	577.9639	465	122.5994	1.66576
3066	55.1053	658.2988	568.5945	465	122.5994	1.66528
3067	55.1223	597.4679	566.4344	465	122.5994	1.66481
3068	55.1393	590.4796	569.1081	465	122.5994	1.66434
3069	55.1563	501.7656	571.7332	465	122.5994	1.66386
3070	55.1733	506.8077	569.0523	465	122.5994	1.66339
3071	55.1903	524.4799	560.1326	465	122.5994	1.66292
3072	55.2073	520.6006	548.5906	465	122.5994	1.66245
3073	55.2243	477.905	537.9266	465	122.5994	1.66197
3074	55.2413	500.6457	529.6472	465	122.5994	1.6615
3075	55.2583	494.0499	523.9858	465	122.5994	1.66103
3076	55.2753	506.2559	520.7333	465	122.5994	1.66056
3077	55.2923	530.6495	518.5853	464	122.5994	1.66009
3078	55.3093	536.4114	519.1207	464	122.5994	1.65962
3079	55.3263	527.907	520.9244	464	122.5994	1.65915
3080	55.3433	538.5084	523.7923	464	122.5994	1.65868
3081	55.3603	578.1608	527.6797	464	122.5994	1.65821
3082	55.3773	565.627	531.8231	463	122.5994	1.65774
3083	55.3943	567.3583	538.5133	463	122.5994	1.65728
3084	55.4113	592.0774	547.0438	463	122.5994	1.65681
3085	55.4283	557.6957	557.1314	463	122.5994	1.65634

3086	55.4453	524.3597	567.4986	463	122.5994	1.65587
3087	55.4623	520.7196	574.0662	462	122.5994	1.65541
3088	55.4793	515.3587	574.6483	462	122.5994	1.65494
3089	55.4963	507.2809	567.1615	462	122.5994	1.65447
3090	55.5133	520.6741	555.2662	462	122.5994	1.65401
3091	55.5303	545.2413	543.4285	462	122.5994	1.65354
3092	55.5473	552.4925	533.3558	461	122.5994	1.65307
3093	55.5643	549.2465	528.187	461	122.5994	1.65261
3094	55.5813	540.7448	526.5518	461	122.5994	1.65214
3095	55.5983	524.6029	527.1822	461	122.5994	1.65168
3096	55.6153	481.9527	527.6847	461	122.5994	1.65121
3097	55.6323	472.979	524.6307	460	122.5994	1.65075
3098	55.6493	513.9027	519.6011	460	122.5994	1.65028
3099	55.6663	501.06	513.3967	460	122.5994	1.64982
3100	55.6833	478.0058	507.8499	460	122.5994	1.64936
3101	55.7003	487.5213	503.902	460	122.5994	1.64889
3102	55.7173	480.1978	500.9011	459	122.5994	1.64843
3103	55.7343	488.2794	500.7364	459	122.5994	1.64797
3104	55.7513	527.6418	502.1914	459	122.5994	1.64751
3105	55.7683	502.4798	504.8898	459	122.5994	1.64704
3106	55.7853	482.1035	508.8317	459	122.5994	1.64658
3107	55.8023	483.3159	512.653	458	122.5994	1.64612
3108	55.8193	534.0703	518.1019	458	122.5994	1.64566
3109	55.8363	526.8354	523.8242	458	122.5994	1.6452
3110	55.8533	536.725	529.4056	458	122.5994	1.64474
3111	55.8703	538.3117	534.3497	458	122.5994	1.64428
3112	55.8873	520.9446	538.1491	458	122.5994	1.64382
3113	55.9043	498.1741	539.7026	457	122.5994	1.64336
3114	55.9213	555.8468	540.7756	457	122.5994	1.6429
3115	55.9383	501.803	540.4818	457	122.5994	1.64244
3116	55.9553	488.5692	539.1261	457	122.5994	1.64198
3117	55.9723	497.2423	537.0808	457	122.5994	1.64152
3118	55.9893	497.9501	533.6456	456	122.5994	1.64107
3119	56.0063	506.9942	530.6683	456	122.5994	1.64061
3120	56.0233	515.8562	527.7607	456	122.5994	1.64015
3121	56.0403	520.988	524.4444	456	122.5994	1.63969
3122	56.0573	523.5592	519.8018	455	122.5994	1.63924
3123	56.0743	495.1239	515.7409	455	122.5994	1.63878
3124	56.0913	499.2972	510.3921	454	122.5994	1.63832
3125	56.1083	480.5834	505.8486	454	122.5994	1.63787
3126	56.1253	502.5997	501.3744	454	122.5994	1.63741
3127	56.1423	464.5578	495.9716	453	122.5994	1.63696
3128	56.1593	472.0689	491.9166	453	122.5994	1.6365
3129	56.1763	475.1944	487.0815	452	122.5994	1.63605
3130	56.1933	464.1936	483.5066	452	122.5994	1.63559
3131	56.2103	451.2963	479.3021	451	122.5994	1.63514
3132	56.2273	477.392	476.471	451	122.5994	1.63468
3133	56.2443	474.8586	473.1068	450	122.5994	1.63423
3134	56.2613	452.0054	471.1063	450	122.5994	1.63378

3135	56.2783	458.6639	468.5172	449	122.5994	1.63332
3136	56.2953	459.2003	467.272	449	122.5994	1.63287
3137	56.3123	453.365	466.2699	449	122.5994	1.63242
3138	56.3293	447.5038	464.4189	448	122.5994	1.63196
3139	56.3463	448.0406	463.6374	448	122.5994	1.63151
3140	56.3633	466.8677	462.0566	447	122.5994	1.63106
3141	56.3803	468.4157	461.6247	447	122.5994	1.63061
3142	56.3973	466.6222	460.1489	446	122.5994	1.63016
3143	56.4143	446.025	460.0704	446	122.5994	1.62971
3144	56.4313	464.835	459.1616	445	122.5994	1.62926
3145	56.4483	481.1126	459.3937	445	122.5994	1.62881
3146	56.4653	445.4851	458.7169	444	122.5994	1.62836
3147	56.4823	463.7328	457.9344	443	122.5994	1.62791
3148	56.4993	458.0939	458.3203	443	122.5994	1.62746
3149	56.5163	425.0961	457.5431	442	122.5994	1.62701
3150	56.5333	434.867	456.6227	441	122.5994	1.62656
3151	56.5503	441.0588	456.4358	441	122.5994	1.62611
3152	56.5673	471.7599	455.293	440	122.5994	1.62566
3153	56.5843	458.4344	454.0699	439	122.5994	1.62521
3154	56.6013	401.8083	452.7175	438	122.5994	1.62477
3155	56.6183	434.219	452.3313	438	122.5994	1.62432
3156	56.6353	456.05	450.8669	437	122.5994	1.62387
3157	56.6523	450.2026	449.38	436	122.5994	1.62342
3158	56.6693	433.9265	447.8601	435	122.5994	1.62298
3159	56.6863	432.5985	447.4583	435	122.5994	1.62253
3160	56.7033	478.1513	445.9504	434	122.5994	1.62209
3161	56.7203	437.2387	444.4344	433	122.5994	1.62164
3162	56.7373	440.842	443.9744	433	122.5994	1.62119
3163	56.7543	424.4616	442.5428	432	122.5994	1.62075
3164	56.7713	428.7799	441.1796	431	122.5994	1.6203
3165	56.7883	432.2768	439.8617	430	122.5994	1.61986
3166	56.8053	429.2721	439.617	430	122.5994	1.61941
3167	56.8223	440.978	438.4674	429	122.5994	1.61897
3168	56.8393	463.0726	437.4485	428	122.5994	1.61853
3169	56.8563	421.6621	436.4643	427	122.5994	1.61808
3170	56.8733	446.2875	436.5616	427	122.5994	1.61764
3171	56.8903	430.8887	435.7716	426	122.5994	1.6172
3172	56.9073	430.1386	435.0829	425	122.5994	1.61675
3173	56.9243	452.5939	434.0424	424	122.5994	1.61631
3174	56.9413	454.2808	433.5273	423	122.5994	1.61587
3175	56.9583	436.277	433.0458	422	122.5994	1.61543
3176	56.9753	450.6249	432.5752	421	122.5994	1.61499
3177	56.9923	445.3664	432.0686	420	122.5994	1.61454
3178	57.0093	431.5034	431.5269	419	122.5994	1.6141
3179	57.0263	455.3535	430.9569	418	122.5994	1.61366
3180	57.0433	428.5039	430.3755	417	122.5994	1.61322
3181	57.0603	424.9267	429.8009	416	122.5994	1.61278
3182	57.0773	446.1433	429.0231	415	122.5994	1.61234
3183	57.0943	453.9569	428.4729	414	122.5994	1.6119

3184	57.1113	433.3145	427.9281	413	122.5994	1.61146
3185	57.1283	401.8672	427.4359	412	122.5994	1.61102
3186	57.1453	416.1529	426.969	411	122.5994	1.61058
3187	57.1623	434.0668	426.5272	410	122.5994	1.61015
3188	57.1793	426.1828	426.0712	409	122.5994	1.60971
3189	57.1963	429.2368	425.5402	408	122.5994	1.60927
3190	57.2133	419.9536	424.8646	407	122.5994	1.60883
3191	57.2303	414.7374	423.9947	406	122.5994	1.60839
3192	57.2473	389.9161	423.0282	405	122.5994	1.60796
3193	57.2643	409.0521	422.0217	404	122.5994	1.60752
3194	57.2813	407.2317	422.3464	404	122.5994	1.60708
3195	57.2983	405.8671	424.2565	405	122.5994	1.60665
3196	57.3153	417.0916	425.934	405	122.5994	1.60621
3197	57.3323	442.5678	428.3503	405	122.5994	1.60578
3198	57.3493	382.8452	432.1135	406	122.5994	1.60534
3199	57.3663	383.609	434.3244	406	122.5994	1.6049
3200	57.3833	384.8772	434.8131	406	122.5994	1.60447
3201	57.4003	432.556	433.2856	406	122.5994	1.60403
3202	57.4173	412.1667	431.6059	407	122.5994	1.6036
3203	57.4343	426.4004	429.0254	407	122.5994	1.60317
3204	57.4513	420.8963	427.3654	407	122.5994	1.60273
3205	57.4683	447.693	427.9329	408	122.5994	1.6023
3206	57.4853	441.2974	428.7253	408	122.5994	1.60186
3207	57.5023	424.7299	430.4698	408	122.5994	1.60143
3208	57.5193	416.1964	433.6291	409	122.5994	1.601
3209	57.5363	445.0654	435.4908	409	122.5994	1.60057
3210	57.5533	437.7346	436.6526	409	122.5994	1.60013
3211	57.5703	459.1848	438.3646	410	122.5994	1.5997
3212	57.5873	481.6139	439.0362	410	122.5994	1.59927
3213	57.6043	540.5041	439.9899	410	122.5994	1.59884
3214	57.6213	481.7653	442.1786	411	122.5994	1.59841
3215	57.6383	460.0478	443.448	411	122.5994	1.59798
3216	57.6553	424.4166	444.5638	411	122.5994	1.59755
3217	57.6723	425.1301	446.2941	412	122.5994	1.59711
3218	57.6893	437.7893	446.4961	412	122.5994	1.59668
3219	57.7063	462.6862	446.178	412	122.5994	1.59625
3220	57.7233	440.0622	445.4832	412	122.5994	1.59582
3221	57.7403	464.2785	445.5886	413	122.5994	1.5954
3222	57.7573	494.9808	444.7408	413	122.5994	1.59497
3223	57.7743	475.4257	444.024	413	122.5994	1.59454
3224	57.7913	466.5152	444.5014	414	122.5994	1.59411
3225	57.8083	455.5561	444.1255	414	122.5994	1.59368
3226	57.8253	445.1173	443.724	414	122.5994	1.59325
3227	57.8423	440.7176	444.083	415	122.5994	1.59282
3228	57.8593	407.4886	442.7068	415	122.5994	1.5924
3229	57.8763	401.4398	440.6483	415	122.5994	1.59197
3230	57.8933	411.9609	439.3598	416	122.5994	1.59154
3231	57.9103	447.6919	437.2504	416	122.5994	1.59112
3232	57.9273	459.5252	435.4943	416	122.5994	1.59069

3233	57.9443	421.0599	434.1011	416	122.5994	1.59026
3234	57.9613	436.7066	434.0916	417	122.5994	1.58984
3235	57.9783	449.9074	433.4701	417	122.5994	1.58941
3236	57.9953	466.979	433.1939	417	122.5994	1.58899
3237	58.0123	454.486	434.1004	418	122.5994	1.58856
3238	58.0293	434.065	433.9323	418	122.5994	1.58814
3239	58.0463	424.3017	433.7996	418	122.5994	1.58771
3240	58.0633	440.4847	434.7695	419	122.5994	1.58729
3241	58.0803	414.1607	434.7956	419	122.5994	1.58686
3242	58.0973	427.085	434.6555	419	122.5994	1.58644
3243	58.1143	388.1566	435.4301	420	122.5994	1.58602
3244	58.1313	419.2026	435.0129	420	122.5994	1.58559
3245	58.1483	446.1183	434.4599	420	122.5994	1.58517
3246	58.1653	459.9045	433.8575	420	122.5994	1.58475
3247	58.1823	409.9023	433.2901	420	122.5994	1.58432
3248	58.1993	399.9616	433.8114	421	122.5994	1.5839
3249	58.2163	382.5748	433.4357	421	122.5994	1.58348
3250	58.2333	420.1951	433.145	421	122.5994	1.58306
3251	58.2503	416.7111	433.9139	422	122.5994	1.58264
3252	58.2673	468.1803	433.663	422	122.5994	1.58221
3253	58.2843	445.9122	433.6212	422	122.5994	1.58179
3254	58.3013	432.793	433.8554	422	122.5994	1.58137
3255	58.3183	408.3999	434.6369	422	122.5994	1.58095
3256	58.3353	435.7032	436.9038	423	122.5994	1.58053
3257	58.3523	403.5157	438.6307	423	122.5994	1.58011
3258	58.3693	396.6915	440.3368	423	122.5994	1.57969
3259	58.3863	408.5147	442.0404	424	122.5994	1.57927
3260	58.4033	447.456	441.2871	424	122.5994	1.57885
3261	58.4203	431.4138	439.5986	424	122.5994	1.57843
3262	58.4373	420.3121	437.6434	424	122.5994	1.57802
3263	58.4543	404.5879	435.8263	424	122.5994	1.5776
3264	58.4713	425.1766	435.4826	425	122.5994	1.57718
3265	58.4883	429.4984	434.8349	425	122.5994	1.57676
3266	58.5053	432.5985	435.9636	426	122.5994	1.57634
3267	58.5223	423.7184	436.6438	426	122.5994	1.57593
3268	58.5393	406.001	437.3406	426	122.5994	1.57551
3269	58.5563	412.5709	438.5851	427	122.5994	1.57509
3270	58.5733	412.6324	439.3725	428	122.5994	1.57468
3271	58.5903	433.3037	438.999	428	122.5994	1.57426
3272	58.6073	406.0369	438.6618	428	122.5994	1.57384
3273	58.6243	419.1173	439.5244	429	122.5994	1.57343
3274	58.6413	430.9522	440.6313	430	122.5994	1.57301
3275	58.6583	409.0512	440.9193	430	122.5994	1.5726
3276	58.6753	435.7847	441.3517	430	122.5994	1.57218
3277	58.6923	449.6172	443.112	431	122.5994	1.57177
3278	58.7093	447.3196	445.1152	432	122.5994	1.57135
3279	58.7263	438.3864	446.3513	432	122.5994	1.57094
3280	58.7433	406.1521	447.6721	432	122.5994	1.57052
3281	58.7603	413.5942	449.9725	433	122.5994	1.57011

3282	58.7773	435.1787	452.2429	434	122.5994	1.5697
3283	58.7943	455.1057	453.3819	434	122.5994	1.56928
3284	58.8113	461.135	454.3058	434	122.5994	1.56887
3285	58.8283	435.7582	455.7901	435	122.5994	1.56846
3286	58.8453	435.6492	457.0898	436	122.5994	1.56804
3287	58.8623	455.9876	457.3438	436	122.5994	1.56763
3288	58.8793	446.8217	457.5073	436	122.5994	1.56722
3289	58.8963	466.5881	458.0988	437	122.5994	1.56681
3290	58.9133	429.8788	457.9324	438	122.5994	1.5664
3291	58.9303	419.4411	456.3889	438	122.5994	1.56599
3292	58.9473	443.8562	454.9879	438	122.5994	1.56557
3293	58.9643	449.3969	454.9258	439	122.5994	1.56516
3294	58.9813	438.7245	455.2095	440	122.5994	1.56475
3295	58.9983	415.1485	454.6917	440	122.5994	1.56434
3296	59.0153	441.8281	454.5758	440	122.5994	1.56393
3297	59.0323	468.7326	455.763	441	122.5994	1.56352
3298	59.0493	423.2903	457.0504	442	122.5994	1.56311
3299	59.0663	408.5756	457.155	442	122.5994	1.5627
3300	59.0833	404.0428	457.043	442	122.5994	1.56229
3301	59.1003	416.1964	457.9428	443	122.5994	1.56189
3302	59.1173	437.0811	459.1077	444	122.5994	1.56148
3303	59.1343	445.7635	459.4391	444	122.5994	1.56107
3304	59.1513	457.9161	459.5246	444	122.5994	1.56066
3305	59.1683	455.7464	460.2001	445	122.5994	1.56025
3306	59.1853	435.4155	460.8113	446	122.5994	1.55984
3307	59.2023	454.6559	460.7459	446	122.5994	1.55944
3308	59.2193	430.0552	461.178	446	122.5994	1.55903
3309	59.2363	413.9848	463.1016	447	122.5994	1.55862
3310	59.2533	412.1965	465.3638	448	122.5994	1.55822
3311	59.2703	450.7865	467.0138	448	122.5994	1.55781
3312	59.2873	466.8168	470.1704	448	122.5994	1.5574
3313	59.3043	448.1338	472.9099	449	122.5994	1.557
3314	59.3213	435.068	474.0913	449	122.5994	1.55659
3315	59.3383	440.9577	475.6693	450	122.5994	1.55619
3316	59.3553	440.9577	475.9514	450	122.5994	1.55578
3317	59.3723	442.524	476.2487	450	122.5994	1.55538
3318	59.3893	445.1673	476.7175	450	122.5994	1.55497
3319	59.4063	437.115	478.3738	451	122.5994	1.55457
3320	59.4233	432.9202	479.1313	451	122.5994	1.55416
3321	59.4403	456.4187	479.8516	451	122.5994	1.55376
3322	59.4573	455.3185	481.446	452	122.5994	1.55336
3323	59.4743	434.779	481.5826	452	122.5994	1.55295
3324	59.4913	447.4628	481.2631	452	122.5994	1.55255
3325	59.5083	457.7538	480.5467	452	122.5994	1.55215
3326	59.5253	431.2147	480.5869	453	122.5994	1.55174
3327	59.5423	433.0839	479.5148	453	122.5994	1.55134
3328	59.5593	425.1959	478.399	453	122.5994	1.55094
3329	59.5763	435.7681	478.2879	454	122.5994	1.55054
3330	59.5933	427.5368	477.2216	454	122.5994	1.55014

3331	59.6103	441.9276	476.1941	454	122.5994	1.54973
3332	59.6273	446.5409	476.2377	455	122.5994	1.54933
3333	59.6443	461.7533	475.2834	455	122.5994	1.54893
3334	59.6613	449.5101	474.3839	455	122.5994	1.54853
3335	59.6783	444.0529	473.579	455	122.5994	1.54813
3336	59.6953	429.4891	474.0238	456	122.5994	1.54773
3337	59.7123	460.532	473.5411	456	122.5994	1.54733
3338	59.7293	467.4891	473.268	456	122.5994	1.54693
3339	59.7463	484.4614	473.2418	456	122.5994	1.54653
3340	59.7633	448.4081	474.4215	457	122.5994	1.54613
3341	59.7803	474.4335	474.8636	457	122.5994	1.54573
3342	59.7973	423.3583	475.3787	457	122.5994	1.54533
3343	59.8143	502.0626	476.8145	458	122.5994	1.54494
3344	59.8313	442.0192	477.1918	458	122.5994	1.54454
3345	59.8483	469.2628	477.7473	458	122.5994	1.54414
3346	59.8653	483.5873	478.8136	458	122.5994	1.54374
3347	59.8823	470.9303	480.0603	458	122.5994	1.54334
3348	59.8993	519.4532	482.8044	459	122.5994	1.54295
3349	59.9163	500.5889	485.148	459	122.5994	1.54255
3350	59.9333	586.7162	488.2799	459	122.5994	1.54215
3351	59.9503	608.2791	493.5914	460	122.5994	1.54176
3352	59.9673	649.4186	499.8773	460	122.5994	1.54136
3353	59.9843	696.9581	509.6916	460	122.5994	1.54096
3354	60.0013	785.2894	525.7164	460	122.5994	1.54057
3355	60.0183	862.3151	551.6077	460	122.5994	1.54017
3356	60.0353	883.3215	592.4712	461	122.5994	1.53978
3357	60.0523	872.142	648.2352	461	122.5994	1.53938
3358	60.0693	789.3133	718.0958	461	122.5994	1.53899
3359	60.0863	707.6488	793.2401	462	122.5994	1.53859
3360	60.1033	672.0457	850.5217	462	122.5994	1.5382
3361	60.1203	626.0118	864.4155	462	122.5994	1.5378
3362	60.1373	638.4318	828.5845	462	122.5994	1.53741
3363	60.1543	645.4628	765.8025	462	122.5994	1.53701
3364	60.1713	673.049	703.1258	462	122.5994	1.53662
3365	60.1883	684.3831	657.0269	462	122.5994	1.53623
3366	60.2053	694.0469	634.0285	462	122.5994	1.53583
3367	60.2223	688.4427	634.0592	462	122.5994	1.53544
3368	60.2393	637.4884	651.647	462	122.5994	1.53505
3369	60.2563	581.2992	676.3064	462	122.5994	1.53466
3370	60.2733	527.1504	692.5858	462	122.5994	1.53426
3371	60.2903	520.1287	686.5264	462	122.5994	1.53387
3372	60.3073	484.4299	658.4378	462	122.5994	1.53348
3373	60.3243	461.875	620.5869	462	122.5994	1.53309
3374	60.3413	472.6958	584.1592	462	122.5994	1.5327
3375	60.3583	489.3525	554.6255	462	122.5994	1.53231
3376	60.3753	501.7119	533.2498	462	122.5994	1.53192
3377	60.3923	493.1828	519.1701	462	122.5994	1.53153
3378	60.4093	476.9026	510.3879	462	122.5994	1.53113
3379	60.4263	453.3324	504.9574	462	122.5994	1.53074

3380	60.4433	491.3903	501.4633	462	122.5994	1.53035
3381	60.4603	475.5403	499.0905	462	122.5994	1.52997
3382	60.4773	462.2057	497.3773	462	122.5994	1.52958
3383	60.4943	452.4724	496.2967	462	122.5994	1.52919
3384	60.5113	459.5105	495.7851	462	122.5994	1.5288
3385	60.5283	483.5316	495.7581	462	122.5994	1.52841
3386	60.5453	484.6915	495.2309	461	122.5994	1.52802
3387	60.5623	433.1183	495.9024	461	122.5994	1.52763
3388	60.5793	453.7411	496.2212	461	122.5994	1.52724
3389	60.5963	438.943	496.0064	461	122.5994	1.52686
3390	60.6133	484.2742	495.3939	461	122.5994	1.52647
3391	60.6303	475.9815	494.8378	461	122.5994	1.52608
3392	60.6473	458.6836	494.7251	461	122.5994	1.52569
3393	60.6643	527.7633	494.9751	461	122.5994	1.52531
3394	60.6813	483.8397	495.4935	461	122.5994	1.52492
3395	60.6983	437.3219	496.3123	461	122.5994	1.52453
3396	60.7153	457.4112	497.7026	461	122.5994	1.52415
3397	60.7323	450.3357	499.8305	461	122.5994	1.52376
3398	60.7493	513.5097	502.3833	461	122.5994	1.52338
3399	60.7663	449.8743	505.1329	461	122.5994	1.52299
3400	60.7833	455.3678	508.1123	461	122.5994	1.52261
3401	60.8003	463.3045	511.2706	461	122.5994	1.52222
3402	60.8173	449.7079	514.4448	461	122.5994	1.52184
3403	60.8343	470.9528	517.222	461	122.5994	1.52145
3404	60.8513	465.1982	519.2269	461	122.5994	1.52107
3405	60.8683	456.7736	520.1784	461	122.5994	1.52068
3406	60.8853	485.8823	519.9894	461	122.5994	1.5203
3407	60.9023	462.8553	518.8124	461	122.5994	1.51992
3408	60.9193	451.1554	517.0766	461	122.5994	1.51953
3409	60.9363	446.5524	515.2368	461	122.5994	1.51915
3410	60.9533	467.7645	513.2492	461	122.5994	1.51877
3411	60.9703	495.1315	511.4395	461	122.5994	1.51838
3412	60.9873	492.6741	509.8156	461	122.5994	1.518
3413	61.0043	486.3455	508.3215	461	122.5994	1.51762
3414	61.0213	457.9161	505.8482	460	122.5994	1.51724
3415	61.0383	459.9801	504.2527	460	122.5994	1.51685
3416	61.0553	481.0944	502.4372	460	122.5994	1.51647
3417	61.0723	482.0828	500.4673	460	122.5994	1.51609
3418	61.0893	462.2057	497.2772	460	122.5994	1.51571
3419	61.1063	450.6762	495.4912	460	122.5994	1.51533
3420	61.1233	472.8184	493.7636	460	122.5994	1.51495
3421	61.1403	486.8883	492.165	460	122.5994	1.51457
3422	61.1573	474.3784	489.687	459	122.5994	1.51419
3423	61.1743	470.8448	488.3635	459	122.5994	1.51381
3424	61.1913	476.5139	487.2719	459	122.5994	1.51343
3425	61.2083	470.9073	486.3672	459	122.5994	1.51305
3426	61.2253	472.5322	485.6799	459	122.5994	1.51267
3427	61.2423	456.8604	485.1296	459	122.5994	1.51229
3428	61.2593	455.6699	484.5712	459	122.5994	1.51191

3429	61.2763	467.8209	483.9602	459	122.5994	1.51153
3430	61.2933	470.8448	482.3831	458	122.5994	1.51115
3431	61.3103	470.8448	482.2772	458	122.5994	1.51078
3432	61.3273	460.3191	482.6287	458	122.5994	1.5104
3433	61.3443	476.1849	483.5592	458	122.5994	1.51002
3434	61.3613	483.4734	485.1679	458	122.5994	1.50964
3435	61.3783	476.1844	487.4551	458	122.5994	1.50926
3436	61.3953	507.4578	489.3976	457	122.5994	1.50889
3437	61.4123	481.8597	492.7784	457	122.5994	1.50851
3438	61.4293	487.9362	496.1425	457	122.5994	1.50813
3439	61.4463	471.4275	497.8808	456	122.5994	1.50776
3440	61.4633	475.1707	499.5248	456	122.5994	1.50738
3441	61.4803	480.3547	500.6261	456	122.5994	1.50701
3442	61.4973	526.6122	500.5184	455	122.5994	1.50663
3443	61.5143	468.7018	501.521	455	122.5994	1.50625
3444	61.5313	499.2269	502.6684	455	122.5994	1.50588
3445	61.5483	479.2636	503.9357	455	122.5994	1.5055
3446	61.5653	545.958	504.2632	454	122.5994	1.50513
3447	61.5823	505.6614	505.6226	454	122.5994	1.50475
3448	61.5993	529.0705	506.882	454	122.5994	1.50438
3449	61.6163	531.5614	506.8968	453	122.5994	1.504
3450	61.6333	535.2786	507.5689	453	122.5994	1.50363
3451	61.6503	513.5953	508.0366	453	122.5994	1.50326
3452	61.6673	549.0725	508.4563	453	122.5994	1.50288
3453	61.6843	567.8121	507.7738	452	122.5994	1.50251
3454	61.7013	537.6827	507.751	452	122.5994	1.50214
3455	61.7183	546.1513	507.4136	452	122.5994	1.50176
3456	61.7353	539.6949	505.9769	451	122.5994	1.50139
3457	61.7523	548.9559	505.8265	451	122.5994	1.50102
3458	61.7693	547.603	506.1652	451	122.5994	1.50065
3459	61.7863	520.303	505.9557	450	122.5994	1.50027
3460	61.8033	539.6227	506.726	450	122.5994	1.4999
3461	61.8203	520.8097	506.7576	450	122.5994	1.49953
3462	61.8373	500.3705	505.8605	450	122.5994	1.49916
3463	61.8543	490.5308	503.6068	449	122.5994	1.49879
3464	61.8713	499.7578	502.4924	449	122.5994	1.49842
3465	61.8883	508.6025	501.4105	449	122.5994	1.49805
3466	61.9053	523.3656	499.9856	448	122.5994	1.49768
3467	61.9223	523.1387	499.7753	448	122.5994	1.49731
3468	61.9393	509.8448	499.543	448	122.5994	1.49694
3469	61.9563	517.55	498.9997	448	122.5994	1.49657
3470	61.9733	509.8648	496.8701	447	122.5994	1.4962
3471	61.9903	498.8695	495.0216	447	122.5994	1.49583
3472	62.0073	503.3622	492.6294	447	122.5994	1.49546
3473	62.0243	481.2925	489.1657	446	122.5994	1.49509
3474	62.0413	474.1113	486.9684	446	122.5994	1.49472
3475	62.0583	462.2775	484.9755	446	122.5994	1.49435
3476	62.0753	509.1317	482.3817	445	122.5994	1.49398
3477	62.0923	458.4175	480.8167	445	122.5994	1.49361

3478	62.1093	458.2127	479.1498	445	122.5994	1.49325
3479	62.1263	458.7353	477.3614	445	122.5994	1.49288
3480	62.1433	461.5843	474.3787	444	122.5994	1.49251
3481	62.1603	447.3723	472.3571	444	122.5994	1.49214
3482	62.1773	456.6186	470.4574	444	122.5994	1.49178
3483	62.1943	458.021	467.6695	443	122.5994	1.49141
3484	62.2113	470.0859	466.2014	443	122.5994	1.49104
3485	62.2283	442.0718	463.9802	442	122.5994	1.49068
3486	62.2453	474.7605	462.9811	442	122.5994	1.49031
3487	62.2623	479.5227	461.1436	441	122.5994	1.48994
3488	62.2793	455.3253	460.3986	441	122.5994	1.48958
3489	62.2963	511.8295	458.655	440	122.5994	1.48921
3490	62.3133	449.5619	457.7796	440	122.5994	1.48885
3491	62.3303	502.9574	455.8329	439	122.5994	1.48848
3492	62.3473	466.6155	454.9156	439	122.5994	1.48812
3493	62.3643	436.012	453.0419	438	122.5994	1.48775
3494	62.3813	456.0261	452.3178	438	122.5994	1.48739
3495	62.3983	445.1673	451.6038	438	122.5994	1.48702
3496	62.4153	448.5634	450.1267	437	122.5994	1.48666
3497	62.4323	463.2639	449.7663	437	122.5994	1.48629
3498	62.4493	464.4308	448.4849	436	122.5994	1.48593
3499	62.4663	466.0606	448.2396	436	122.5994	1.48557
3500	62.4833	485.8512	447.0051	435	122.5994	1.4852
3501	62.5003	478.3319	446.743	435	122.5994	1.48484
3502	62.5173	462.5696	445.4967	434	122.5994	1.48448
3503	62.5343	442.675	445.277	434	122.5994	1.48411
3504	62.5513	460.1417	443.9966	433	122.5994	1.48375
3505	62.5683	450.9431	443.6299	433	122.5994	1.48339
3506	62.5853	437.7215	442.0082	432	122.5994	1.48303
3507	62.6023	451.1119	441.5209	432	122.5994	1.48267
3508	62.6193	446.4441	440.0485	431	122.5994	1.4823
3509	62.6363	458.021	438.6756	430	122.5994	1.48194
3510	62.6533	455.7787	438.4901	430	122.5994	1.48158
3511	62.6703	449.3221	437.5258	429	122.5994	1.48122
3512	62.6873	433.8325	437.8115	429	122.5994	1.48086
3513	62.7043	401.6922	437.2324	428	122.5994	1.4805
3514	62.7213	407.7086	436.7517	427	122.5994	1.48014
3515	62.7383	424.3193	437.0026	427	122.5994	1.47978
3516	62.7553	424.4166	435.6469	426	122.5994	1.47942
3517	62.7723	432.4267	434.0044	425	122.5994	1.47906
3518	62.7893	414.799	433.1555	425	122.5994	1.4787
3519	62.8063	390.1901	431.397	424	122.5994	1.47834
3520	62.8233	424.8026	430.8507	424	122.5994	1.47798
3521	62.8403	413.7848	429.5783	423	122.5994	1.47762
3522	62.8573	448.1611	428.5552	422	122.5994	1.47726
3523	62.8743	445.728	428.7241	422	122.5994	1.4769
3524	62.8913	440.9577	428.0324	421	122.5994	1.47655
3525	62.9083	430.7571	427.3083	420	122.5994	1.47619
3526	62.9253	414.5926	427.3919	420	122.5994	1.47583

3527	62.9423	391.2589	426.2086	419	122.5994	1.47547
3528	62.9593	431.4033	426.1583	419	122.5994	1.47512
3529	62.9763	406.9403	425.2466	418	122.5994	1.47476
3530	62.9933	438.5028	425.4952	418	122.5994	1.4744
3531	63.0103	409.5648	425.9178	418	122.5994	1.47404
3532	63.0273	404.0761	426.3295	418	122.5994	1.47369
3533	63.0443	408.0758	426.6961	418	122.5994	1.47333
3534	63.0613	424.4166	426.9789	418	122.5994	1.47297
3535	63.0783	424.9599	427.1588	418	122.5994	1.47262
3536	63.0953	440.0579	427.2264	418	122.5994	1.47226
3537	63.1123	424.9947	427.1617	418	122.5994	1.47191
3538	63.1293	430.4821	427.1269	418	122.5994	1.47155
3539	63.1463	411.1379	427.1821	418	122.5994	1.4712
3540	63.1633	406.3432	427.2068	418	122.5994	1.47084
3541	63.1803	418.9375	427.3758	418	122.5994	1.47049
3542	63.1973	407.5114	426.4333	417	122.5994	1.47013
3543	63.2143	394.0583	426.4538	417	122.5994	1.46978
3544	63.2313	414.2346	426.3567	417	122.5994	1.46942
3545	63.2483	408.0009	426.2853	417	122.5994	1.46907
3546	63.2653	425.395	426.0834	417	122.5994	1.46872
3547	63.2823	453.3996	425.9684	417	122.5994	1.46836
3548	63.2993	408.2962	425.9932	417	122.5994	1.46801
3549	63.3163	408.2381	426.0979	417	122.5994	1.46765
3550	63.3333	422.8349	426.2006	417	122.5994	1.4673
3551	63.3503	414.0889	426.4478	417	122.5994	1.46695
3552	63.3673	422.3363	426.9614	417	122.5994	1.4666
3553	63.3843	435.326	428.0706	417	122.5994	1.46624
3554	63.4013	414.2995	429.8672	417	122.5994	1.46589
3555	63.4183	414.0536	432.3252	417	122.5994	1.46554
3556	63.4353	420.1413	434.929	417	122.5994	1.46519
3557	63.4523	409.8095	436.8622	417	122.5994	1.46484
3558	63.4693	411.1863	437.1534	417	122.5994	1.46449
3559	63.4863	428.9137	435.8817	417	122.5994	1.46413
3560	63.5033	432.6977	433.9907	417	122.5994	1.46378
3561	63.5203	425.1899	432.2442	417	122.5994	1.46343
3562	63.5373	420.2097	431.0126	417	122.5994	1.46308
3563	63.5543	436.3058	430.5381	417	122.5994	1.46273
3564	63.5713	415.2184	430.8262	417	122.5994	1.46238
3565	63.5883	400.0533	430.6472	416	122.5994	1.46203
3566	63.6053	425.9314	431.6096	416	122.5994	1.46168
3567	63.6223	449.1427	432.3194	416	122.5994	1.46133
3568	63.6393	434.7823	432.304	416	122.5994	1.46098
3569	63.6563	415.8209	431.3972	416	122.5994	1.46063
3570	63.6733	402.5739	430.0244	416	122.5994	1.46028
3571	63.6903	393.4896	428.6838	416	122.5994	1.45994
3572	63.7073	408.8284	427.6002	416	122.5994	1.45959
3573	63.7243	422.5553	426.892	416	122.5994	1.45924
3574	63.7413	406.461	426.4998	416	122.5994	1.45889
3575	63.7583	404.0639	426.3355	416	122.5994	1.45854

3576	63.7753	434.1679	426.2527	416	122.5994	1.45819
3577	63.7923	379.9075	426.1956	416	122.5994	1.45785
3578	63.8093	446.751	426.2154	416	122.5994	1.4575
3579	63.8263	412.6971	427.3676	417	122.5994	1.45715
3580	63.8433	432.5158	427.7297	417	122.5994	1.4568
3581	63.8603	420.0749	428.4432	417	122.5994	1.45646
3582	63.8773	411.2506	430.6337	418	122.5994	1.45611
3583	63.8943	400.4855	432.3766	418	122.5994	1.45576
3584	63.9113	455.5661	434.6565	418	122.5994	1.45542
3585	63.9283	433.175	438.2519	419	122.5994	1.45507
3586	63.9453	437.9095	440.7332	419	122.5994	1.45473
3587	63.9623	441.241	442.8427	419	122.5994	1.45438
3588	63.9793	422.5232	445.8542	420	122.5994	1.45404
3589	63.9963	435.1172	447.9252	420	122.5994	1.45369
3590	64.0133	455.8443	449.5036	420	122.5994	1.45335
3591	64.0303	477.2254	451.1506	421	122.5994	1.453
3592	64.0473	439.5809	451.4052	421	122.5994	1.45266
3593	64.0643	477.2417	452.3514	421	122.5994	1.45231
3594	64.0813	490.1815	454.7925	421	122.5994	1.45197
3595	64.0983	486.7541	460.2425	422	122.5994	1.45162
3596	64.1153	497.6126	467.0141	422	122.5994	1.45128
3597	64.1323	502.9785	476.2484	422	122.5994	1.45094
3598	64.1493	497.1283	489.0848	423	122.5994	1.45059
3599	64.1663	495.5073	502.7938	423	122.5994	1.45025
3600	64.1833	464.7756	516.1998	423	122.5994	1.44991
3601	64.2003	454.0147	525.9293	424	122.5994	1.44956
3602	64.2173	459.1907	525.4666	424	122.5994	1.44922
3603	64.2343	447.551	515.9772	424	122.5994	1.44888
3604	64.2513	455.6084	503.1873	425	122.5994	1.44854
3605	64.2683	440.1467	489.7944	425	122.5994	1.44819
3606	64.2853	461.7738	479.4348	425	122.5994	1.44785
3607	64.3023	458.7903	474.1627	426	122.5994	1.44751
3608	64.3193	441.0588	472.0352	426	122.5994	1.44717
3609	64.3363	432.9676	473.2117	426	122.5994	1.44683
3610	64.3533	442.212	477.4284	427	122.5994	1.44649
3611	64.3703	443.8121	480.6745	427	122.5994	1.44614
3612	64.3873	398.6291	481.2724	427	122.5994	1.4458
3613	64.4043	403.1221	478.5339	428	122.5994	1.44546
3614	64.4213	394.4233	471.5781	428	122.5994	1.44512
3615	64.4383	394.1613	463.7435	428	122.5994	1.44478
3616	64.4553	389.6938	457.7259	429	122.5994	1.44444
3617	64.4723	410.6789	452.173	429	122.5994	1.4441
3618	64.4893	440.1684	448.0504	429	122.5994	1.44376
3619	64.5063	420.4967	445.9097	430	122.5994	1.44342
3620	64.5233	402.1986	443.3562	430	122.5994	1.44308
3621	64.5403	382.4949	441.2856	430	122.5994	1.44275
3622	64.5573	416.5353	440.6797	431	122.5994	1.44241
3623	64.5743	427.9847	439.5798	431	122.5994	1.44207
3624	64.5913	393.7912	438.9596	431	122.5994	1.44173

3625	64.6083	431.6843	438.8209	431	122.5994	1.44139
3626	64.6253	399.978	440.1311	432	122.5994	1.44105
3627	64.6423	419.3695	440.8444	432	122.5994	1.44071
3628	64.6593	370.2294	441.7547	432	122.5994	1.44038
3629	64.6763	410.4415	443.4675	433	122.5994	1.44004
3630	64.6933	387.1936	443.5643	433	122.5994	1.4397
3631	64.7103	422.033	443.0013	433	122.5994	1.43936
3632	64.7273	432.5523	443.1276	434	122.5994	1.43903
3633	64.7443	402.3027	442.3385	434	122.5994	1.43869
3634	64.7613	394.7927	441.7788	434	122.5994	1.43835
3635	64.7783	404.8678	442.4497	435	122.5994	1.43802
3636	64.7953	387.9551	442.2701	435	122.5994	1.43768
3637	64.8123	385.6026	442.1947	435	122.5994	1.43735
3638	64.8293	422.3068	443.2435	436	122.5994	1.43701
3639	64.8463	403.8786	443.3976	436	122.5994	1.43667
3640	64.8633	396.9891	443.4917	436	122.5994	1.43634
3641	64.8803	397.0344	444.5419	437	122.5994	1.436
3642	64.8973	422.748	444.5797	437	122.5994	1.43567
3643	64.9143	411.4356	444.8229	437	122.5994	1.43533
3644	64.9313	434.0447	446.4873	438	122.5994	1.435
3645	64.9483	416.7317	447.7196	438	122.5994	1.43466
3646	64.9653	410.3063	449.5481	438	122.5994	1.43433
3647	64.9823	438.5756	451.8264	438	122.5994	1.434

No.	Pos. [°2Th. lobs [cts]	Icalc [cts]	Iback [cts]	CT [s]	ESD	D spacings
1	3.0003	1814.755	1815	1815	122.5994	29.42347
2	3.0173	1786.968	1788	1788	122.5994	29.25773
3	3.0343	1679.254	1762	1762	122.5994	29.09385
4	3.0513	1635.093	1735	1735	122.5994	28.9318
5	3.0683	1559.555	1709	1709	122.5994	28.77154
6	3.0853	1543.172	1682	1682	122.5994	28.61305
7	3.1023	1467.887	1656	1656	122.5994	28.45629
8	3.1193	1467.659	1629	1629	122.5994	28.30124
9	3.1363	1438.04	1603	1603	122.5994	28.14788
10	3.1533	1461.761	1576	1576	122.5994	27.99617
11	3.1703	1377.995	1550	1550	122.5994	27.84608
12	3.1873	1371.636	1523	1523	122.5994	27.6976
13	3.2043	1334.143	1497	1497	122.5994	27.55069
14	3.2213	1315.398	1470	1470	122.5994	27.40534
15	3.2383	1263.886	1444	1444	122.5994	27.26151
16	3.2553	1288.816	1417	1417	122.5994	27.11918
17	3.2723	1288.816	1391	1391	122.5994	26.97833
18	3.2893	1302.02	1364	1364	122.5994	26.83894
19	3.3063	1278.154	1338	1338	122.5994	26.70098
20	3.3233	1206.937	1311	1311	122.5994	26.56443
21	3.3403	1229.153	1285	1285	122.5994	26.42928
22	3.3573	1234.134	1258	1258	122.5994	26.29549
23	3.3743	1214.345	1232	1232	122.5994	26.16305
24	3.3913	1204.277	1205	1205	122.5994	26.03194
25	3.4083	1155.124	1179	1179	122.5994	25.90213
26	3.4253	1166.277	1169	1169	122.5994	25.77362
27	3.4423	1173.394	1159	1159	122.5994	25.64637
28	3.4593	1137.435	1150	1150	122.5994	25.52038
29	3.4763	1133.019	1140	1140	122.5994	25.39561
30	3.4933	1123.134	1130	1130	122.5994	25.27207
31	3.5103	1094.151	1120	1120	122.5994	25.14971
32	3.5273	1060.637	1110	1110	122.5994	25.02854
33	3.5443	1058.715	1100	1100	122.5994	24.90853
34	3.5613	1086.074	1090	1090	122.5994	24.78967
35	3.5783	1043.228	1081	1081	122.5994	24.67194
36	3.5953	1019.192	1071	1071	122.5994	24.55532
37	3.6123	1057.645	1061	1061	122.5994	24.4398
38	3.6293	1012.971	1051	1051	122.5994	24.32536
39	3.6463	1040.426	1041	1041	122.5994	24.21198
40	3.6633	1060.673	1032	1032	122.5994	24.09966
41	3.6803	975.1701	1022	1022	122.5994	23.98838
42	3.6973	1005.324	1012	1012	122.5994	23.87812
43	3.7143	965.8432	1002	1002	122.5994	23.76887
44	3.7313	955.2635	992	992	122.5994	23.66062
45	3.7483	960.6743	982	982	122.5994	23.55335
46	3.7653	1009.648	972	972	122.5994	23.44704
47	3.7823	1049.37	963	963	122.5994	23.3417

48	3.7993	942.2876	953	953	122.5994	23.23729
49	3.8163	924.164	943	943	122.5994	23.13382
50	3.8333	923.4928	937	937	122.5994	23.03126
51	3.8503	912.9628	931	931	122.5994	22.92961
52	3.8673	922.3974	924	924	122.5994	22.82886
53	3.8843	910.3363	918	918	122.5994	22.72898
54	3.9013	932.3544	912	912	122.5994	22.62998
55	3.9183	871.2105	906	906	122.5994	22.53184
56	3.9353	872.9108	900	900	122.5994	22.43454
57	3.9523	859.6966	894	894	122.5994	22.33808
58	3.9693	853.8574	888	888	122.5994	22.24245
59	3.9863	817.9636	881	881	122.5994	22.14763
60	4.0033	816.4133	875	875	122.5994	22.05362
61	4.0203	829.1178	869	869	122.5994	21.9604
62	4.0373	859.3163	863	863	122.5994	21.86797
63	4.0543	831.354	857	857	122.5994	21.77632
64	4.0713	850.8366	850	850	122.5994	21.68543
65	4.0883	866.9053	844	844	122.5994	21.59529
66	4.1053	800.9828	838	838	122.5994	21.50591
67	4.1223	805.5273	832	832	122.5994	21.41726
68	4.1393	827.5842	826	826	122.5994	21.32933
69	4.1563	797.0568	820	820	122.5994	21.24213
70	4.1733	772.8544	814	814	122.5994	21.15564
71	4.1903	770.0232	807	807	122.5994	21.06985
72	4.2073	773.1498	801	801	122.5994	20.98475
73	4.2243	822.403	795	795	122.5994	20.90034
74	4.2413	815.9709	790	790	122.5994	20.81661
75	4.2583	764.3076	785	785	122.5994	20.73354
76	4.2753	714.521	781	781	122.5994	20.65114
77	4.2923	746.7707	776	776	122.5994	20.56939
78	4.3093	785.7578	771	771	122.5994	20.48828
79	4.3263	778.2501	766	766	122.5994	20.40781
80	4.3433	753.5533	761	761	122.5994	20.32797
81	4.3603	729.645	757	757	122.5994	20.24875
82	4.3773	739.728	752	752	122.5994	20.17015
83	4.3943	774.8698	747	747	122.5994	20.09216
84	4.4113	740.7712	742	742	122.5994	20.01477
85	4.4283	755.4631	738	738	122.5994	19.93797
86	4.4453	766.3361	733	733	122.5994	19.86176
87	4.4623	716.5092	728	728	122.5994	19.78613
88	4.4793	698.3106	723	723	122.5994	19.71108
89	4.4963	725.5784	718	718	122.5994	19.63659
90	4.5133	685.2876	714	714	122.5994	19.56267
91	4.5303	700.9065	709	709	122.5994	19.48929
92	4.5473	677.0962	704	704	122.5994	19.41647
93	4.5643	640.8385	699	699	122.5994	19.34419
94	4.5813	686.4279	694	694	122.5994	19.27245
95	4.5983	680.4102	690	690	122.5994	19.20124
96	4.6153	647.4352	685	685	122.5994	19.13055

97	4.6323	695.5791	680	680	122.5994	19.06038
98	4.6493	677.838	676	676	122.5994	18.99073
99	4.6663	692.9927	673	673	122.5994	18.92158
100	4.6833	659.816	669	669	122.5994	18.85293
101	4.7003	652.291	665	665	122.5994	18.78479
102	4.7173	643.9331	661	661	122.5994	18.71713
103	4.7343	677.4113	658	658	122.5994	18.64996
104	4.7513	642.2984	654	654	122.5994	18.58327
105	4.7683	652.6775	650	650	122.5994	18.51705
106	4.7853	656.5284	647	647	122.5994	18.45131
107	4.8023	648.017	643	643	122.5994	18.38603
108	4.8193	655.3535	639	639	122.5994	18.32121
109	4.8363	655.3722	636	636	122.5994	18.25685
110	4.8533	639.7228	632	632	122.5994	18.19294
111	4.8703	626.6882	628	628	122.5994	18.12947
112	4.8873	653.3879	624	624	122.5994	18.06645
113	4.9043	633.7849	621	621	122.5994	18.00386
114	4.9213	603.7304	617	617	122.5994	17.94171
115	4.9383	586.6036	613	613	122.5994	17.87998
116	4.9553	599.2385	610	610	122.5994	17.81868
117	4.9723	610.2959	606	606	122.5994	17.7578
118	4.9893	597.9013	602	602	122.5994	17.69733
119	5.0063	600.244	598	598	122.5994	17.63727
120	5.0233	597.5035	595	595	122.5994	17.57762
121	5.0403	595.3711	591	591	122.5994	17.51837
122	5.0573	575.0353	590	590	122.5994	17.45953
123	5.0743	591.9331	588	588	122.5994	17.40107
124	5.0913	603.7398	587	587	122.5994	17.34301
125	5.1083	590.4843	585	585	122.5994	17.28533
126	5.1253	575.6844	584	584	122.5994	17.22803
127	5.1423	598.8666	582	582	122.5994	17.17112
128	5.1593	571.1629	581	581	122.5994	17.11458
129	5.1763	556.9704	579	579	122.5994	17.05841
130	5.1933	571.722	578	578	122.5994	17.00261
131	5.2103	575.9943	576	576	122.5994	16.94717
132	5.2273	552.7285	575	575	122.5994	16.89209
133	5.2443	524.2655	574	574	122.5994	16.83737
134	5.2613	572.3701	572	572	122.5994	16.78301
135	5.2783	585.0867	571	571	122.5994	16.72899
136	5.2953	581.2645	569	569	122.5994	16.67532
137	5.3123	524.3335	568	568	122.5994	16.622
138	5.3293	498.4782	566	566	122.5994	16.56901
139	5.3463	541.4827	565	565	122.5994	16.51637
140	5.3633	580.454	563	563	122.5994	16.46405
141	5.3803	552.5361	562	562	122.5994	16.41207
142	5.3973	575.0334	560	560	122.5994	16.36041
143	5.4143	550.7566	559	559	122.5994	16.30908
144	5.4313	597.9016	557	557	122.5994	16.25807
145	5.4483	515.763	556	556	122.5994	16.20738

146	5.4653	562.8416		554	554	122.5994	16.15701
147	5.4823	563.2987		552	552	122.5994	16.10695
148	5.4993	519.7803		550	550	122.5994	16.05719
149	5.5163	544.6263		548	548	122.5994	16.00775
150	5.5333	548.4061		547	547	122.5994	15.9586
151	5.5503	533.62		545	545	122.5994	15.90976
152	5.5673	551.4179		543	543	122.5994	15.86122
153	5.5843	582.0776		541	541	122.5994	15.81297
154	5.6013	530.6889		539	539	122.5994	15.76502
155	5.6183	546.7497		537	537	122.5994	15.71735
156	5.6353	515.3191		535	535	122.5994	15.66998
157	5.6523	505.3395		534	534	122.5994	15.62289
158	5.6693	519.8348		532	532	122.5994	15.57608
159	5.6863	525.3368		530	530	122.5994	15.52955
160	5.7033	529.7459		528	528	122.5994	15.4833
161	5.7203	514.3798		526	526	122.5994	15.43732
162	5.7373	527.3739		524	524	122.5994	15.39162
163	5.7543	563.8909		522	522	122.5994	15.34618
164	5.7713	556.8418		520	520	122.5994	15.30102
165	5.7883	545.3534		518	518	122.5994	15.25612
166	5.8053	555.3445		517	517	122.5994	15.21148
167	5.8223	556.2876	516.2391	515	515	122.5994	15.16711
168	5.8393	535.7296	514.3504	513	513	122.5994	15.12299
169	5.8563	510.4959	512.4773	511	511	122.5994	15.07913
170	5.8733	473.8874	512.6229	511	511	122.5994	15.03552
171	5.8903	495.6645	513.7908	512	512	122.5994	14.99216
172	5.9073	534.048	513.9861	512	512	122.5994	14.94906
173	5.9243	546.1573	515.2148	513	513	122.5994	14.9062
174	5.9413	498.4879	515.485	513	513	122.5994	14.86358
175	5.9583	523.2163	516.8071	514	514	122.5994	14.82121
176	5.9753	556.1819	517.1953	514	514	122.5994	14.77909
177	5.9923	528.7697	518.6685	515	515	122.5994	14.7372
178	6.0093	561.3615	519.2534	515	515	122.5994	14.69554
179	6.0263	559.3784	520.9886	516	516	122.5994	14.65413
180	6.0433	548.967	521.936	516	516	122.5994	14.61294
181	6.0603	531.3529	524.2107	517	517	122.5994	14.57199
182	6.0773	520.8017	526.0569	517	517	122.5994	14.53126
183	6.0943	558.1832	530.013	518	518	122.5994	14.49077
184	6.1113	584.137	535.1671	518	518	122.5994	14.4505
185	6.1283	581.0023	545.3633	519	519	122.5994	14.41045
186	6.1453	643.9173	560.9858	519	519	122.5994	14.37062
187	6.1623	665.4526	585.9127	520	520	122.5994	14.33102
188	6.1793	577.1648	617.5538	520	520	122.5994	14.29163
189	6.1963	625.9021	652.0366	521	521	122.5994	14.25246
190	6.2133	644.1451	673.99	521	521	122.5994	14.2135
191	6.2303	626.5401	671.9796	522	522	122.5994	14.17475
192	6.2473	594.8157	646.3134	522	522	122.5994	14.13622
193	6.2643	627.392	612.5373	522	522	122.5994	14.0979
194	6.2813	621.756	583.3238	523	523	122.5994	14.05978

195	6.2983	673.1366	561.21	523	122.5994	14.02187
196	6.3153	611.0701	548.1017	524	122.5994	13.98416
197	6.3323	618.2853	539.9023	524	122.5994	13.94666
198	6.3493	601.5387	536.3029	525	122.5994	13.90935
199	6.3663	514.3218	533.6268	525	122.5994	13.87225
200	6.3833	529.6114	532.9211	526	122.5994	13.83534
201	6.4003	535.8947	531.7242	526	122.5994	13.79863
202	6.4173	527.336	531.8256	527	122.5994	13.76212
203	6.4343	533.327	531.1246	527	122.5994	13.72579
204	6.4513	516.9583	531.5648	528	122.5994	13.68966
205	6.4683	512.8106	531.1105	528	122.5994	13.65372
206	6.4853	530.2876	531.7371	529	122.5994	13.61797
207	6.5023	554.9482	531.4264	529	122.5994	13.5824
208	6.5193	527.3701	532.1654	530	122.5994	13.54702
209	6.5363	537.4811	531.944	530	122.5994	13.51183
210	6.5533	536.249	532.7547	531	122.5994	13.47682
211	6.5703	529.6082	532.5916	531	122.5994	13.44198
212	6.5873	540.3739	533.4501	532	122.5994	13.40733
213	6.6043	538.2346	533.3266	532	122.5994	13.37286
214	6.6213	516.9832	534.2181	533	122.5994	13.33856
215	6.6383	529.4402	533.3914	533	122.5994	13.30444
216	6.6553	541.7358	534	534	122.5994	13.2705
217	6.6723	535.2366	534	534	122.5994	13.23672
218	6.6893	533.6047	534	534	122.5994	13.20312
219	6.7063	530.4365	533	533	122.5994	13.16969
220	6.7233	522.4722	533	533	122.5994	13.13643
221	6.7403	557.5186	533	533	122.5994	13.10334
222	6.7573	542.8286	533	533	122.5994	13.07041
223	6.7743	501.9421	532	532	122.5994	13.03765
224	6.7913	566.9008	532	532	122.5994	13.00505
225	6.8083	535.4633	532	532	122.5994	12.97261
226	6.8253	563.7712	531	531	122.5994	12.94034
227	6.8423	542.7621	531	531	122.5994	12.90823
228	6.8593	538.2501	531	531	122.5994	12.87627
229	6.8763	550.9237	530	530	122.5994	12.84448
230	6.8933	513.7743	530	530	122.5994	12.81284
231	6.9103	550.1333	530	530	122.5994	12.78136
232	6.9273	538.6512	530	530	122.5994	12.75003
233	6.9443	524.5185	529	529	122.5994	12.71886
234	6.9613	551.9355	529	529	122.5994	12.68783
235	6.9783	528.835	529	529	122.5994	12.65696
236	6.9953	523.6509	528	528	122.5994	12.62624
237	7.0123	512.5335	528	528	122.5994	12.59567
238	7.0293	536.4104	528	528	122.5994	12.56525
239	7.0463	557.178	528	528	122.5994	12.53497
240	7.0633	527.0361	527	527	122.5994	12.50484
241	7.0803	533.9698	527	527	122.5994	12.47485
242	7.0973	496.7864	527	527	122.5994	12.44501
243	7.1143	535.525	526	526	122.5994	12.41531

244	7.1313	538.6781	526	526	122.5994	12.38575
245	7.1483	523.2624	526	526	122.5994	12.35633
246	7.1653	524.8301	525	525	122.5994	12.32706
247	7.1823	531.5254	525	525	122.5994	12.29792
248	7.1993	526.9096	525	525	122.5994	12.26892
249	7.2163	530.7925	524	524	122.5994	12.24005
250	7.2333	501.2914	524	524	122.5994	12.21132
251	7.2503	531.41	524	524	122.5994	12.18273
252	7.2673	544.7553	523	523	122.5994	12.15427
253	7.2843	533.9487	523	523	122.5994	12.12594
254	7.3013	517.3033	523	523	122.5994	12.09774
255	7.3183	526.2396	522	522	122.5994	12.06968
256	7.3353	531.3765	522	522	122.5994	12.04175
257	7.3523	528.9947	522	522	122.5994	12.01394
258	7.3693	514.5665	521	521	122.5994	11.98627
259	7.3863	521.8773	521	521	122.5994	11.95872
260	7.4033	525.0909	521	521	122.5994	11.93129
261	7.4203	499.3263	520	520	122.5994	11.904
262	7.4373	539.3895	520	520	122.5994	11.87683
263	7.4543	550.1939	520	520	122.5994	11.84978
264	7.4713	514.2172	519	519	122.5994	11.82285
265	7.4883	514.0548	519	519	122.5994	11.79605
266	7.5053	513.4624	519	519	122.5994	11.76937
267	7.5223	514.0463	520	520	122.5994	11.74281
268	7.5393	525.4967	520	520	122.5994	11.71637
269	7.5563	528.9947	520	520	122.5994	11.69005
270	7.5733	521.7928	520	520	122.5994	11.66385
271	7.5903	538.4914	521	521	122.5994	11.63776
272	7.6073	539.0209	521	521	122.5994	11.61179
273	7.6243	510.9806	521	521	122.5994	11.58594
274	7.6413	530.156	522	522	122.5994	11.5602
275	7.6583	525.3665	522	522	122.5994	11.53458
276	7.6753	549.9486	522	522	122.5994	11.50907
277	7.6923	556.6648	522	522	122.5994	11.48367
278	7.7093	534.5385	523	523	122.5994	11.45839
279	7.7263	542.7286	523	523	122.5994	11.43321
280	7.7433	556.9118	523	523	122.5994	11.40815
281	7.7603	542.9001	524	524	122.5994	11.3832
282	7.7773	542.2447	524	524	122.5994	11.35835
283	7.7943	530.2646	524	524	122.5994	11.33362
284	7.8113	545.9006	525	525	122.5994	11.30899
285	7.8283	527.4782	525	525	122.5994	11.28447
286	7.8453	514.701	525	525	122.5994	11.26006
287	7.8623	514.9774	525	525	122.5994	11.23575
288	7.8793	536.6161	526	526	122.5994	11.21154
289	7.8963	526.3131	526	526	122.5994	11.18745
290	7.9133	521.3074	526	526	122.5994	11.16345
291	7.9303	536.2685	527	527	122.5994	11.13956
292	7.9473	527.4215	527	527	122.5994	11.11577

293	7.9643	553.7447	528	528	122.5994	11.09208
294	7.9813	525.2801	528	528	122.5994	11.06849
295	7.9983	521.2302	528	528	122.5994	11.045
296	8.0153	544.1856	529	529	122.5994	11.02162
297	8.0323	551.6896	529	529	122.5994	10.99833
298	8.0493	571.8883	529	529	122.5994	10.97514
299	8.0663	556.5365	530	530	122.5994	10.95204
300	8.0833	576.0108	530	530	122.5994	10.92905
301	8.1003	587.0081	530	530	122.5994	10.90615
302	8.1173	584.1543	531	531	122.5994	10.88335
303	8.1343	566.4506	531	531	122.5994	10.86064
304	8.1513	556.6117	532	532	122.5994	10.83803
305	8.1683	562.9547	532	532	122.5994	10.81551
306	8.1853	578.7163	532	532	122.5994	10.79309
307	8.2023	555.9285	533	533	122.5994	10.77075
308	8.2193	566.9503	533	533	122.5994	10.74852
309	8.2363	579.6064	534	534	122.5994	10.72637
310	8.2533	554.5058	534	534	122.5994	10.70431
311	8.2703	546.0292	534	534	122.5994	10.68235
312	8.2873	560.6271	535	535	122.5994	10.66047
313	8.3043	559.6584	535	535	122.5994	10.63869
314	8.3213	567.4383	535	535	122.5994	10.61699
315	8.3383	564.0224	536	536	122.5994	10.59538
316	8.3553	558.0222	536	536	122.5994	10.57386
317	8.3723	587.6252	536	536	122.5994	10.55243
318	8.3893	603.4137	537	537	122.5994	10.53109
319	8.4063	592.8162	537	537	122.5994	10.50983
320	8.4233	561.508	538	538	122.5994	10.48865
321	8.4403	599.6378	538	538	122.5994	10.46757
322	8.4573	627.7041	538	538	122.5994	10.44656
323	8.4743	634.6547	546.2181	539	122.5994	10.42565
324	8.4913	602.0096	550.3759	539	122.5994	10.40481
325	8.5083	638.9578	552.4397	540	122.5994	10.38406
326	8.5253	645.0987	553.6591	540	122.5994	10.36339
327	8.5423	671.1218	555.0656	540	122.5994	10.34281
328	8.5593	692.614	557.6993	541	122.5994	10.3223
329	8.5763	714.9419	559.6115	541	122.5994	10.30188
330	8.5933	659.2931	561.8682	541	122.5994	10.28154
331	8.6103	651.9322	565.5568	542	122.5994	10.26128
332	8.6273	718.1885	568.7933	542	122.5994	10.24109
333	8.6443	759.4424	572.735	542	122.5994	10.22099
334	8.6613	782.087	578.6008	543	122.5994	10.20097
335	8.6783	809.4662	584.7086	543	122.5994	10.18102
336	8.6953	839.6383	593.5668	544	122.5994	10.16116
337	8.7123	832.3529	604.1122	544	122.5994	10.14137
338	8.7293	926.3427	618.3251	543	122.5994	10.12166
339	8.7463	1033.251	642.5419	543	122.5994	10.10202
340	8.7633	1099.131	683.5137	542	122.5994	10.08246
341	8.7803	1094.745	758.114	542	122.5994	10.06298

342	8.7973	1184.906	883.7867	541	122.5994	10.04357
343	8.8143	1356.283	1077.488	540	122.5994	10.02424
344	8.8313	1481.219	1337.068	540	122.5994	10.00498
345	8.8483	1530.051	1615.25	539	122.5994	9.9858
346	8.8653	1564.016	1808.641	539	122.5994	9.96669
347	8.8823	1527.536	1808.001	538	122.5994	9.94765
348	8.8993	1614.053	1620.821	538	122.5994	9.92869
349	8.9163	1668.216	1346.305	537	122.5994	9.90979
350	8.9333	1511.208	1085.919	536	122.5994	9.89097
351	8.9503	1172.114	888.7161	536	122.5994	9.87222
352	8.9673	916.5267	757.981	535	122.5994	9.85355
353	8.9843	774.9346	680.761	535	122.5994	9.83494
354	9.0013	669.2965	635.9901	534	122.5994	9.8164
355	9.0183	588.8598	610.73	534	122.5994	9.79794
356	9.0353	584.9094	593.9745	533	122.5994	9.77954
357	9.0523	614.9278	582.1518	532	122.5994	9.76121
358	9.0693	559.5726	574.1395	532	122.5994	9.74295
359	9.0863	555.3234	566.9344	531	122.5994	9.72476
360	9.1033	519.5994	562.0006	531	122.5994	9.70664
361	9.1203	515.255	557.0085	530	122.5994	9.68859
362	9.1373	544.6903	552.7336	529	122.5994	9.6706
363	9.1543	544.8762	549.0151	528	122.5994	9.65268
364	9.1713	527.9233	544.7349	526	122.5994	9.63482
365	9.1883	501.8283	541.8041	525	122.5994	9.61704
366	9.2053	524.3622	539.1552	524	122.5994	9.59931
367	9.2223	505.1753	536.7363	523	122.5994	9.58166
368	9.2393	522.0455	534.5067	522	122.5994	9.56407
369	9.2563	558.6427	531.4344	520	122.5994	9.54654
370	9.2733	509.6129	529.4937	519	122.5994	9.52908
371	9.2903	545.9297	521.4407	518	122.5994	9.51168
372	9.3073	498.1778	517	517	122.5994	9.49434
373	9.3243	542.721	516	516	122.5994	9.47707
374	9.3413	506.7239	514	514	122.5994	9.45986
375	9.3583	522.7238	513	513	122.5994	9.44272
376	9.3753	489.9241	512	512	122.5994	9.42563
377	9.3923	514.9332	511	511	122.5994	9.40861
378	9.4093	553.336	509	509	122.5994	9.39165
379	9.4263	520.7791	508	508	122.5994	9.37475
380	9.4433	495.9258	507	507	122.5994	9.35791
381	9.4603	490.7715	506	506	122.5994	9.34113
382	9.4773	500.857	505	505	122.5994	9.32441
383	9.4943	504.2507	503	503	122.5994	9.30776
384	9.5113	525.7092	502	502	122.5994	9.29116
385	9.5283	516.4633	501	501	122.5994	9.27462
386	9.5453	513.4508	500	500	122.5994	9.25814
387	9.5623	493.2419	499	499	122.5994	9.24172
388	9.5793	481.1187	497	497	122.5994	9.22536
389	9.5963	484.4861	496	496	122.5994	9.20905
390	9.6133	490.3522	495	495	122.5994	9.19281

391	9.6303	493.6117	494	494	122.5994	9.17662
392	9.6473	521.4793	493	493	122.5994	9.16048
393	9.6643	506.86	491	491	122.5994	9.14441
394	9.6813	495.6547	490	490	122.5994	9.12839
395	9.6983	501.2519	489	489	122.5994	9.11243
396	9.7153	508.5489	488	488	122.5994	9.09652
397	9.7323	492.498	487	487	122.5994	9.08067
398	9.7493	498.5118	485	485	122.5994	9.06487
399	9.7663	510.7695	484	484	122.5994	9.04913
400	9.7833	508.1021	483	483	122.5994	9.03344
401	9.8003	522.8534	482	482	122.5994	9.01781
402	9.8173	530.7247	480	480	122.5994	9.00224
403	9.8343	535.0119	479	479	122.5994	8.98671
404	9.8513	498.8755	478	478	122.5994	8.97124
405	9.8683	473.5796	477	477	122.5994	8.95583
406	9.8853	477.1259	476	476	122.5994	8.94046
407	9.9023	463.6658	474	474	122.5994	8.92515
408	9.9193	454.7356	473	473	122.5994	8.90989
409	9.9363	487.6484	472	472	122.5994	8.89469
410	9.9533	469.2337	472	472	122.5994	8.87953
411	9.9703	491.0503	472	472	122.5994	8.86443
412	9.9873	497.2993	472	472	122.5994	8.84938
413	10.0043	485.779	472	472	122.5994	8.83438
414	10.0213	511.7391	472	472	122.5994	8.81943
415	10.0383	486.8957	472	472	122.5994	8.80454
416	10.0553	508.8478	472	472	122.5994	8.78969
417	10.0723	506.4815	472	472	122.5994	8.77489
418	10.0893	476.1081	472	472	122.5994	8.76014
419	10.1063	497.1347	472	472	122.5994	8.74545
420	10.1233	497.0954	472	472	122.5994	8.7308
421	10.1403	483.8197	472	472	122.5994	8.7162
422	10.1573	479.364	471	471	122.5994	8.70165
423	10.1743	475.2489	471	471	122.5994	8.68715
424	10.1913	473.47	471	471	122.5994	8.6727
425	10.2083	465.5738	471	471	122.5994	8.65829
426	10.2253	509.6813	471	471	122.5994	8.64394
427	10.2423	450.1278	471	471	122.5994	8.62963
428	10.2593	454.4989	471	471	122.5994	8.61537
429	10.2763	467.1221	471	471	122.5994	8.60115
430	10.2933	500.7105	471	471	122.5994	8.58698
431	10.3103	486.3122	471	471	122.5994	8.57286
432	10.3273	461.9892	471	471	122.5994	8.55879
433	10.3443	480.1137	471	471	122.5994	8.54476
434	10.3613	466.8059	471	471	122.5994	8.53078
435	10.3783	455.0881	471	471	122.5994	8.51685
436	10.3953	460.2705	472	472	122.5994	8.50296
437	10.4123	469.741	472	472	122.5994	8.48911
438	10.4293	480.3323	472	472	122.5994	8.47531
439	10.4463	499.06	472	472	122.5994	8.46156

440	10.4633	484.6557	472	472	122.5994	8.44785
441	10.4803	505.974	473	473	122.5994	8.43418
442	10.4973	544.9704	473	473	122.5994	8.42056
443	10.5143	566.2499	473	473	122.5994	8.40699
444	10.5313	544.8109	473	473	122.5994	8.39345
445	10.5483	538.2192	474	474	122.5994	8.37996
446	10.5653	551.7276	474	474	122.5994	8.36652
447	10.5823	523.3007	474	474	122.5994	8.35312
448	10.5993	486.3765	474	474	122.5994	8.33976
449	10.6163	465.751	474	474	122.5994	8.32644
450	10.6333	449.5431	475	475	122.5994	8.31317
451	10.6503	453.9183	475	475	122.5994	8.29994
452	10.6673	476.2701	475	475	122.5994	8.28675
453	10.6843	484.009	475	475	122.5994	8.2736
454	10.7013	470.9831	475	475	122.5994	8.26049
455	10.7183	469.8691	476	476	122.5994	8.24743
456	10.7353	491.7525	476	476	122.5994	8.23441
457	10.7523	486.5152	476	476	122.5994	8.22143
458	10.7693	455.1954	475	475	122.5994	8.20849
459	10.7863	471.4935	475	475	122.5994	8.19559
460	10.8033	456.3712	474	474	122.5994	8.18273
461	10.8203	504.8913	473	473	122.5994	8.16991
462	10.8373	462.2459	473	473	122.5994	8.15713
463	10.8543	445.9766	472	472	122.5994	8.1444
464	10.8713	482.5096	471	471	122.5994	8.1317
465	10.8883	433.4936	471	471	122.5994	8.11904
466	10.9053	437.0094	470	470	122.5994	8.10642
467	10.9223	479.272	469	469	122.5994	8.09384
468	10.9393	465.5413	469	469	122.5994	8.0813
469	10.9563	449.7551	468	468	122.5994	8.0688
470	10.9733	507.9307	467	467	122.5994	8.05634
471	10.9903	474.7967	467	467	122.5994	8.04392
472	11.0073	441.9484	466	466	122.5994	8.03153
473	11.0243	469.9183	465	465	122.5994	8.01919
474	11.0413	442.504	465	465	122.5994	8.00688
475	11.0583	446.9131	464	464	122.5994	7.99461
476	11.0753	439.5997	463	463	122.5994	7.98237
477	11.0923	448.4257	463	463	122.5994	7.97018
478	11.1093	448.5491	462	462	122.5994	7.95802
479	11.1263	464.134	461	461	122.5994	7.9459
480	11.1433	478.2804	461	461	122.5994	7.93381
481	11.1603	466.7647	460	460	122.5994	7.92177
482	11.1773	445.0364	459	459	122.5994	7.90976
483	11.1943	438.3721	458	458	122.5994	7.89778
484	11.2113	449.3201	458	458	122.5994	7.88585
485	11.2283	469.4435	457	457	122.5994	7.87394
486	11.2453	473.9369	456	456	122.5994	7.86208
487	11.2623	460.6619	455	455	122.5994	7.85025
488	11.2793	468.1994	454	454	122.5994	7.83846

489	11.2963	479.6294	453	453	122.5994	7.8267
490	11.3133	453.0334	452	452	122.5994	7.81498
491	11.3303	446.3712	452	452	122.5994	7.80329
492	11.3473	453.159	451	451	122.5994	7.79164
493	11.3643	444.5022	450	450	122.5994	7.78002
494	11.3813	467.1061	449	449	122.5994	7.76844
495	11.3983	464.9425	448	448	122.5994	7.75689
496	11.4153	462.0715	448	448	122.5994	7.74537
497	11.4323	469.452	447	447	122.5994	7.73389
498	11.4493	427.3062	446	446	122.5994	7.72245
499	11.4663	449.8972	445	445	122.5994	7.71104
500	11.4833	405.8453	444	444	122.5994	7.69966
501	11.5003	427.2601	443	443	122.5994	7.68832
502	11.5173	424.8299	442	442	122.5994	7.67701
503	11.5343	447.0245	442	442	122.5994	7.66573
504	11.5513	443.2585	441	441	122.5994	7.65449
505	11.5683	416.6016	440	440	122.5994	7.64328
506	11.5853	444.4082	440	440	122.5994	7.6321
507	11.6023	464.638	440	440	122.5994	7.62095
508	11.6193	454.8728	440	440	122.5994	7.60984
509	11.6363	422.5648	440	440	122.5994	7.59876
510	11.6533	428.1006	441	441	122.5994	7.58772
511	11.6703	453.0257	441	441	122.5994	7.5767
512	11.6873	420.4064	441	441	122.5994	7.56572
513	11.7043	465.6117	441	441	122.5994	7.55477
514	11.7213	407.5691	441	441	122.5994	7.54385
515	11.7383	397.4564	441	441	122.5994	7.53296
516	11.7553	421.2602	441	441	122.5994	7.52211
517	11.7723	431.3548	441	441	122.5994	7.51128
518	11.7893	422.8291	441	441	122.5994	7.50049
519	11.8063	442.2358	442	442	122.5994	7.48973
520	11.8233	443.1879	442	442	122.5994	7.479
521	11.8403	419.1367	442	442	122.5994	7.4683
522	11.8573	446.7961	442	442	122.5994	7.45763
523	11.8743	440.7004	442	442	122.5994	7.44699
524	11.8913	449.4277	442	442	122.5994	7.43638
525	11.9083	437.9685	442	442	122.5994	7.4258
526	11.9253	446.0035	442	442	122.5994	7.41525
527	11.9423	453.9197	443	443	122.5994	7.40474
528	11.9593	456.8831	443	443	122.5994	7.39425
529	11.9763	481.1744	443	443	122.5994	7.38379
530	11.9933	480.6618	442	442	122.5994	7.37336
531	12.0103	473.4931	442	442	122.5994	7.36297
532	12.0273	459.9548	441	441	122.5994	7.3526
533	12.0443	452.8293	441	441	122.5994	7.34226
534	12.0613	464.2765	440	440	122.5994	7.33195
535	12.0783	443.8897	440	440	122.5994	7.32166
536	12.0953	418.143	439	439	122.5994	7.31141
537	12.1123	427.1687	439	439	122.5994	7.30119

538	12.1293	443.8186	438	438	122.5994	7.29099
539	12.1463	456.798	438	438	122.5994	7.28083
540	12.1633	449.5664	437	437	122.5994	7.27069
541	12.1803	446.2311	437	437	122.5994	7.26058
542	12.1973	441.3357	436.0001	436	122.5994	7.2505
543	12.2143	450.8159	436.0001	436	122.5994	7.24045
544	12.2313	443.5154	435.0001	435	122.5994	7.23042
545	12.2483	422.2381	435.0001	435	122.5994	7.22042
546	12.2653	478.3457	434.0001	434	122.5994	7.21045
547	12.2823	485.2031	434.0001	434	122.5994	7.20051
548	12.2993	459.6489	433.0001	433	122.5994	7.1906
549	12.3163	474.1992	433.0002	433	122.5994	7.18071
550	12.3333	490.3678	432.0002	432	122.5994	7.17085
551	12.3503	456.6281	432.0003	432	122.5994	7.16102
552	12.3673	449.4484	431.0005	431	122.5994	7.15121
553	12.3843	511.1897	431.0008	431	122.5994	7.14144
554	12.4013	487.6182	430.0013	430	122.5994	7.13168
555	12.4183	488.0663	430.0018	430	122.5994	7.12196
556	12.4353	488.4191	429.0024	429	122.5994	7.11226
557	12.4523	518.6592	429.0027	429	122.5994	7.10259
558	12.4693	484.5628	428.0026	428	122.5994	7.09294
559	12.4863	575.9198	428.0022	428	122.5994	7.08333
560	12.5033	565.1645	427.0016	427	122.5994	7.07373
561	12.5203	524.5272	427.0011	427	122.5994	7.06417
562	12.5373	615.3672	426.0007	426	122.5994	7.05463
563	12.5543	620.0216	426.0005	426	122.5994	7.04511
564	12.5713	616.1144	425.0003	425	122.5994	7.03562
565	12.5883	576.7239	425.0002	425	122.5994	7.02616
566	12.6053	522.0074	424.0002	424	122.5994	7.01672
567	12.6223	523.9956	424.0001	424	122.5994	7.00731
568	12.6393	478.7188	423.0001	423	122.5994	6.99792
569	12.6563	467.6736	423.0001	423	122.5994	6.98856
570	12.6733	435.9706	422.0001	422	122.5994	6.97923
571	12.6903	432.4714	422.0001	422	122.5994	6.96991
572	12.7073	466.5687	421.0001	421	122.5994	6.96063
573	12.7243	465.2442	421.0001	421	122.5994	6.95137
574	12.7413	445.7395	420	420	122.5994	6.94213
575	12.7583	417.8432	420	420	122.5994	6.93292
576	12.7753	417.9034	419	419	122.5994	6.92373
577	12.7923	419.4575	419	419	122.5994	6.91457
578	12.8093	435.6153	419	419	122.5994	6.90543
579	12.8263	400.496	419	419	122.5994	6.89631
580	12.8433	383.8475	418	418	122.5994	6.88722
581	12.8603	393.785	418.0538	418	122.5994	6.87816
582	12.8773	396.0198	418.0591	418	122.5994	6.86912
583	12.8943	402.5235	418.0919	418	122.5994	6.8601
584	12.9113	425.5213	418.1015	418	122.5994	6.8511
585	12.9283	436.8182	418.1125	418	122.5994	6.84213
586	12.9453	436.8182	418.1255	418	122.5994	6.83319

587	12.9623	429.217	417.1409	417	122.5994	6.82426
588	12.9793	434.8522	417.1592	417	122.5994	6.81536
589	12.9963	414.2928	417.2026	417	122.5994	6.80649
590	13.0133	399.9846	417.2317	417	122.5994	6.79763
591	13.0303	389.0049	417.2782	417	122.5994	6.7888
592	13.0473	415.9139	416.3241	416	122.5994	6.78
593	13.0643	398.6735	416.3827	416	122.5994	6.77121
594	13.0813	382.1455	416.4598	416	122.5994	6.76245
595	13.0983	395.6758	416.5675	416	122.5994	6.75371
596	13.1153	416.2285	416.7336	416	122.5994	6.74499
597	13.1323	406.8809	417.2303	416	122.5994	6.7363
598	13.1493	407.4239	417.7703	416	122.5994	6.72763
599	13.1663	422.1691	417.7594	415	122.5994	6.71898
600	13.1833	431.7227	419.2996	415	122.5994	6.71036
601	13.2003	392.1171	421.4264	415	122.5994	6.70175
602	13.2173	421.852	423.7346	415	122.5994	6.69317
603	13.2343	412.6771	425.2451	415	122.5994	6.68461
604	13.2513	424.0528	425.5132	415	122.5994	6.67607
605	13.2683	384.312	424.2477	415	122.5994	6.66756
606	13.2853	419.9758	422.5787	415	122.5994	6.65907
607	13.3023	404.6252	421.0255	415	122.5994	6.65059
608	13.3193	421.2577	420.2234	415	122.5994	6.64214
609	13.3363	435.7983	420.1907	415	122.5994	6.63371
610	13.3533	421.002	420.5955	415	122.5994	6.62531
611	13.3703	398.1637	420.8776	415	122.5994	6.61692
612	13.3873	440.3946	420.6909	415	122.5994	6.60856
613	13.4043	430.6113	420.1372	415	122.5994	6.60021
614	13.4213	400.7673	419.4095	415	122.5994	6.59189
615	13.4383	406.5813	418.8076	415	122.5994	6.58359
616	13.4553	419.9753	418.4565	415	122.5994	6.57531
617	13.4723	427.428	418.3713	415	122.5994	6.56705
618	13.4893	413.2192	418.5085	415	122.5994	6.55881
619	13.5063	405.4775	418.8333	415	122.5994	6.5506
620	13.5233	389.1101	419.3531	415	122.5994	6.5424
621	13.5403	409.425	420.1534	415	122.5994	6.53423
622	13.5573	418.0286	421.4657	415	122.5994	6.52607
623	13.5743	434.8792	423.7686	415	122.5994	6.51793
624	13.5913	431.8163	427.8435	415	122.5994	6.50982
625	13.6083	437.1574	433.5523	414	122.5994	6.50173
626	13.6253	450.042	443.479	414	122.5994	6.49365
627	13.6423	458.5866	454.5274	413	122.5994	6.4856
628	13.6593	459.4932	465.3012	413	122.5994	6.47757
629	13.6763	448.4003	469.0791	412	122.5994	6.46955
630	13.6933	479.9245	466.3468	412	122.5994	6.46156
631	13.7103	493.8708	457.8565	411	122.5994	6.45358
632	13.7273	520.1104	448.4372	410	122.5994	6.44563
633	13.7443	488.3591	442.724	410	122.5994	6.4377
634	13.7613	465.9829	440.4175	409	122.5994	6.42978
635	13.7783	459.8413	443.1143	409	122.5994	6.42189

636	13.7953	412.8343	447.2377	408	122.5994	6.41401
637	13.8123	414.1664	452.9534	408	122.5994	6.40615
638	13.8293	478.9767	457.455	407	122.5994	6.39832
639	13.8463	473.0302	461.5455	406	122.5994	6.3905
640	13.8633	471.9872	465.8802	406	122.5994	6.3827
641	13.8803	545.4823	467.6256	405	122.5994	6.37492
642	13.8973	574.0215	467.5695	405	122.5994	6.36716
643	13.9143	619.9464	463.0943	404	122.5994	6.35942
644	13.9313	568.9926	456.7472	404	122.5994	6.3517
645	13.9483	552.9364	447.7635	403	122.5994	6.344
646	13.9653	519.8087	438.5324	402	122.5994	6.33631
647	13.9823	507.1387	431.1223	402	122.5994	6.32865
648	13.9993	419.5351	424.0671	401	122.5994	6.321
649	14.0163	408.2803	419.4617	401	122.5994	6.31337
650	14.0333	388.7916	415.0397	400	122.5994	6.30576
651	14.0503	399.8355	412.3201	400	122.5994	6.29817
652	14.0673	428.3288	409.2889	399	122.5994	6.2906
653	14.0843	407.0305	406.458	398	122.5994	6.28304
654	14.1013	374.6868	404.9569	398	122.5994	6.27551
655	14.1183	417.3243	402.6725	397	122.5994	6.26799
656	14.1353	431.1128	401.6282	397	122.5994	6.26049
657	14.1523	414.3143	399.8129	396	122.5994	6.25301
658	14.1693	402.742	399.1896	396	122.5994	6.24554
659	14.1863	411.5147	397.7152	395	122.5994	6.2381
660	14.2033	368.2851	396.3505	394	122.5994	6.23067
661	14.2203	383.3604	396.0649	394	122.5994	6.22326
662	14.2373	378.5324	394.8363	393	122.5994	6.21587
663	14.2543	386.1491	394.6494	393	122.5994	6.20849
664	14.2713	418.8045	393.4934	392	122.5994	6.20113
665	14.2883	395.4803	393.3609	392	122.5994	6.19379
666	14.3053	407.7638	392.2467	391	122.5994	6.18647
667	14.3223	395.4783	391.1471	390	122.5994	6.17917
668	14.3393	369.7851	391.0594	390	122.5994	6.17188
669	14.3563	398.5197	389.9817	389	122.5994	6.16461
670	14.3733	396.0174	389.9123	389	122.5994	6.15736
671	14.3903	383.0188	388.8501	388	122.5994	6.15012
672	14.4073	373.2811	388.7942	388	122.5994	6.1429
673	14.4243	393.2776	387.7725	387	122.5994	6.1357
674	14.4413	394.4576	387.7324	387	122.5994	6.12851
675	14.4583	384.1672	387.6791	387	122.5994	6.12135
676	14.4753	405.2124	387.6515	387	122.5994	6.1142
677	14.4923	398.1841	386.6243	386	122.5994	6.10706
678	14.5093	376.367	386.6004	386	122.5994	6.09995
679	14.5263	369.5749	386.2946	386	122.5994	6.09284
680	14.5433	383.8135	386.2909	386	122.5994	6.08576
681	14.5603	383.6168	386.1469	386	122.5994	6.07869
682	14.5773	378.9057	386.1539	386	122.5994	6.07164
683	14.5943	385.5202	386.1622	386	122.5994	6.06461
684	14.6113	396.3821	386.172	386	122.5994	6.05759

685	14.6283	402.8833	386.1835	386	122.5994	6.05059
686	14.6453	392.2354	385.197	385	122.5994	6.0436
687	14.6623	391.0999	385.2129	385	122.5994	6.03664
688	14.6793	404.5546	385.2301	385	122.5994	6.02968
689	14.6963	388.8443	385.2404	385	122.5994	6.02275
690	14.7133	393.9401	385.2955	385	122.5994	6.01583
691	14.7303	392.6578	385.3243	385	122.5994	6.00892
692	14.7473	385.1872	385.4384	385	122.5994	6.00203
693	14.7643	380.6902	384.4957	384	122.5994	5.99516
694	14.7813	401.8977	384.5653	384	122.5994	5.9883
695	14.7983	438.4793	384.6512	384	122.5994	5.98146
696	14.8153	375.6626	384.793	384	122.5994	5.97464
697	14.8323	368.7419	384.9363	384	122.5994	5.96783
698	14.8493	391.9514	384.1308	383	122.5994	5.96103
699	14.8663	358.0767	383.4191	382	122.5994	5.95425
700	14.8833	404.4786	383.896	382	122.5994	5.94749
701	14.9003	411.8582	383.746	381	122.5994	5.94074
702	14.9173	345.3528	384.2509	380	122.5994	5.93401
703	14.9343	343.718	385.6997	379	122.5994	5.9273
704	14.9513	384.6856	388.1628	378	122.5994	5.92059
705	14.9683	366.1698	391.1134	377	122.5994	5.91391
706	14.9853	400.7844	393.0758	376	122.5994	5.90724
707	15.0023	409.4339	393.6998	376	122.5994	5.90058
708	15.0193	358.2742	391.3795	375	122.5994	5.89394
709	15.0363	404.9588	388.0724	374	122.5994	5.88732
710	15.0533	405.9738	384.9641	373	122.5994	5.88071
711	15.0703	401.1165	383.1606	372	122.5994	5.87411
712	15.0873	415.0444	384.0343	372	122.5994	5.86753
713	15.1043	435.6652	385.2245	371	122.5994	5.86096
714	15.1213	416.0584	386.6577	370	122.5994	5.85441
715	15.1383	411.8444	386.8366	369	122.5994	5.84788
716	15.1553	412.4988	384.8807	368	122.5994	5.84136
717	15.1723	385.0399	381.2655	367	122.5994	5.83485
718	15.1893	373.9555	376.8426	366	122.5994	5.82836
719	15.2063	354.751	373.516	366	122.5994	5.82188
720	15.2233	371.8968	369.9403	365	122.5994	5.81542
721	15.2403	372.7784	367.2254	364	122.5994	5.80897
722	15.2573	360.9861	365.1875	363	122.5994	5.80253
723	15.2743	352.964	364.5858	363	122.5994	5.79611
724	15.2913	378.2593	363.2639	362	122.5994	5.78971
725	15.3083	385.7831	363.0381	362	122.5994	5.78332
726	15.3253	361.0802	361.8829	361	122.5994	5.77694
727	15.3423	348.8027	361.7649	361	122.5994	5.77058
728	15.3593	338.8362	360.6733	360	122.5994	5.76423
729	15.3763	357.3013	360.5182	360	122.5994	5.75789
730	15.3933	353.1023	359.4668	359	122.5994	5.75157
731	15.4103	361.9784	359.3843	359	122.5994	5.74527
732	15.4273	371.4512	358.3556	358	122.5994	5.73897
733	15.4443	375.3992	358.3338	358	122.5994	5.73269

734	15.4613	376.3455	357.318	357	122.5994	5.72643
735	15.4783	346.3936	356.3077	356	122.5994	5.72018
736	15.4953	375.7068	356.3029	356	122.5994	5.71394
737	15.5123	380.8766	355.3037	355	122.5994	5.70772
738	15.5293	370.3016	355.3108	355	122.5994	5.70151
739	15.5463	348.7105	354.3255	354	122.5994	5.69531
740	15.5633	359.4903	354.3508	354	122.5994	5.68913
741	15.5803	385.9849	353.3935	353	122.5994	5.68296
742	15.5973	380.6996	353.468	353	122.5994	5.6768
743	15.6143	354.3622	352.6031	352	122.5994	5.67066
744	15.6313	376.0593	352.8454	352	122.5994	5.66453
745	15.6483	349.6463	352.2523	351	122.5994	5.65842
746	15.6653	345.5304	352.8664	351	122.5994	5.65231
747	15.6823	331.9992	354.6689	352	122.5994	5.64622
748	15.6993	350.1631	355.5089	352	122.5994	5.64015
749	15.7163	402.1483	356.0625	352	122.5994	5.63409
750	15.7333	384.6219	357.1008	353	122.5994	5.62804
751	15.7503	379.7782	356.6375	353	122.5994	5.622
752	15.7673	336.5916	355.9598	353	122.5994	5.61598
753	15.7843	382.0636	356.2154	354	122.5994	5.60997
754	15.8013	365.6503	355.6015	354	122.5994	5.60397
755	15.8183	343.557	355.1929	354	122.5994	5.59798
756	15.8353	365.7191	355.9775	355	122.5994	5.59201
757	15.8523	370.1364	355.9075	355	122.5994	5.58605
758	15.8693	349.8322	355.9298	355	122.5994	5.58011
759	15.8863	368.6469	356.9971	356	122.5994	5.57418
760	15.9033	368.6469	357.0681	356	122.5994	5.56826
761	15.9203	361.9485	357.1078	356	122.5994	5.56235
762	15.9373	351.0986	358.0955	357	122.5994	5.55645
763	15.9543	359.4571	358.0286	357	122.5994	5.55057
764	15.9713	363.8605	357.9194	357	122.5994	5.5447
765	15.9883	357.2167	358.7869	358	122.5994	5.53884
766	16.0053	362.4531	358.6512	358	122.5994	5.533
767	16.0223	370.5005	358.528	358	122.5994	5.52717
768	16.0393	368.634	359.4273	359	122.5994	5.52135
769	16.0563	351.048	359.355	359	122.5994	5.51554
770	16.0733	350.8199	359.3155	359	122.5994	5.50974
771	16.0903	367.4857	359.3119	359	122.5994	5.50396
772	16.1073	354.6851	359.3448	359	122.5994	5.49819
773	16.1243	351.3902	359.3854	359	122.5994	5.49243
774	16.1413	369.3211	359.5002	359	122.5994	5.48668
775	16.1583	368.8177	358.5469	358	122.5994	5.48095
776	16.1753	377.8811	358.5294	358	122.5994	5.47523
777	16.1923	368.0318	358.5013	358	122.5994	5.46952
778	16.2093	360.9654	358.4264	358	122.5994	5.46382
779	16.2263	378.1369	358.3464	358	122.5994	5.45813
780	16.2433	396.2243	358.2813	358	122.5994	5.45246
781	16.2603	393.7771	358.2386	358	122.5994	5.4468
782	16.2773	361.0033	358.217	358	122.5994	5.44115

783	16.2943	362.8358	358.2118	358	122.5994	5.43551
784	16.3113	355.1423	358.2186	358	122.5994	5.42988
785	16.3283	356.7218	358.2347	358	122.5994	5.42427
786	16.3453	377.7286	358.2594	358	122.5994	5.41866
787	16.3623	380.2571	358.2937	358	122.5994	5.41307
788	16.3793	365.8463	357.3407	357	122.5994	5.40749
789	16.3963	387.0464	357.4071	357	122.5994	5.40192
790	16.4133	384.2159	357.5597	357	122.5994	5.39637
791	16.4303	388.0887	357.7325	357	122.5994	5.39082
792	16.4473	349.5523	358.0585	357	122.5994	5.38529
793	16.4643	343.4939	358.5834	357	122.5994	5.37977
794	16.4813	371.0729	359.4336	357	122.5994	5.37426
795	16.4983	349.6565	360.6668	357	122.5994	5.36876
796	16.5153	351.2904	362.1992	357	122.5994	5.36327
797	16.5323	362.8973	363.6709	357	122.5994	5.35779
798	16.5493	348.5918	364.4706	357	122.5994	5.35233
799	16.5663	349.3819	363.3104	356	122.5994	5.34687
800	16.5833	381.9317	362.4436	356	122.5994	5.34143
801	16.6003	371.6343	361.146	356	122.5994	5.336
802	16.6173	363.3282	359.7835	356	122.5994	5.33058
803	16.6343	353.7502	358.6705	356	122.5994	5.32517
804	16.6513	379.623	357.911	356	122.5994	5.31977
805	16.6683	384.5886	357.4747	356	122.5994	5.31438
806	16.6853	365.4297	357.2972	356	122.5994	5.309
807	16.7023	342.2172	357.3416	356	122.5994	5.30364
808	16.7193	346.3251	357.6308	356	122.5994	5.29828
809	16.7363	347.7157	358.2477	356	122.5994	5.29294
810	16.7533	358.7089	359.2948	356	122.5994	5.28761
811	16.7703	374.8741	360.809	356	122.5994	5.28229
812	16.7873	345.5368	361.6337	355	122.5994	5.27698
813	16.8043	343.4444	363.2548	355	122.5994	5.27168
814	16.8213	362.8482	363.946	355	122.5994	5.26639
815	16.8383	370.6267	363.5251	355	122.5994	5.26111
816	16.8553	376.6545	362.3307	355	122.5994	5.25584
817	16.8723	361.1471	360.6913	355	122.5994	5.25058
818	16.8893	363.5632	359.0377	355	122.5994	5.24534
819	16.9063	381.05	357.7054	355	122.5994	5.2401
820	16.9233	362.6899	356.7769	355	122.5994	5.23487
821	16.9403	337.8271	356.1896	355	122.5994	5.22966
822	16.9573	333.6729	355.7992	355	122.5994	5.22445
823	16.9743	345.055	354.5951	354	122.5994	5.21926
824	16.9913	344.4295	354.4695	354	122.5994	5.21408
825	17.0083	334.2249	354.3665	354	122.5994	5.2089
826	17.0253	373.8963	354.307	354	122.5994	5.20374
827	17.0423	352.6893	354.2615	354	122.5994	5.19859
828	17.0593	339.3267	354.2537	354	122.5994	5.19345
829	17.0763	344.601	354.2271	354	122.5994	5.18831
830	17.0933	342.8611	354.2061	354	122.5994	5.18319
831	17.1103	371.542	354.2041	354	122.5994	5.17808

832	17.1273	369.5304	354.1926	354	122.5994	5.17298
833	17.1443	361.7593	354.1843	354	122.5994	5.16789
834	17.1613	333.5366	354.1791	354	122.5994	5.16281
835	17.1783	352.2161	354.1767	354	122.5994	5.15774
836	17.1953	325.0039	353.1771	353	122.5994	5.15268
837	17.2123	331.1567	353.1804	353	122.5994	5.14762
838	17.2293	342.2228	353.1396	353	122.5994	5.14258
839	17.2463	339.0222	353.1534	353	122.5994	5.13755
840	17.2633	353.6433	353.1715	353	122.5994	5.13253
841	17.2803	357.2167	353.1724	353	122.5994	5.12752
842	17.2973	355.7919	354.2054	354	122.5994	5.12252
843	17.3143	344.4045	354.2503	354	122.5994	5.11753
844	17.3313	364.7504	355.3167	355	122.5994	5.11255
845	17.3483	380.7753	355.4247	355	122.5994	5.10758
846	17.3653	347.04	356.613	356	122.5994	5.10261
847	17.3823	379.9469	356.9873	356	122.5994	5.09766
848	17.3993	413.5999	358.5294	357	122.5994	5.09272
849	17.4163	371.6177	360.3639	358	122.5994	5.08779
850	17.4333	367.5875	361.3968	358	122.5994	5.08286
851	17.4503	390.342	363.4018	359	122.5994	5.07795
852	17.4673	371.5999	364.0195	359	122.5994	5.07305
853	17.4843	372.6264	364.9888	360	122.5994	5.06815
854	17.5013	384.9904	365.4836	361	122.5994	5.06327
855	17.5183	370.5627	364.6879	361	122.5994	5.05839
856	17.5353	381.807	364.7884	362	122.5994	5.05353
857	17.5523	394.1471	364.0178	362	122.5994	5.04867
858	17.5693	392.425	364.4676	363	122.5994	5.04382
859	17.5863	365.453	365.1316	364	122.5994	5.03899
860	17.6033	357.2167	364.9607	364	122.5994	5.03416
861	17.6203	364.876	365.9046	365	122.5994	5.02934
862	17.6373	386.9529	365.9301	365	122.5994	5.02453
863	17.6543	397.8249	367.0295	366	122.5994	5.01973
864	17.6713	400.5658	367.2268	366	122.5994	5.01494
865	17.6883	413.6005	368.5888	367	122.5994	5.01016
866	17.7053	420.2579	369.2344	367	122.5994	5.00539
867	17.7223	417.6683	370.3247	367	122.5994	5.00062
868	17.7393	472.1517	372.012	367	122.5994	4.99587
869	17.7563	483.839	373.3304	366	122.5994	4.99112
870	17.7733	496.8828	376.0099	366	122.5994	4.98639
871	17.7903	516.0331	378.3684	366	122.5994	4.98166
872	17.8073	561.4482	379.7625	366	122.5994	4.97694
873	17.8243	601.9958	379.9086	366	122.5994	4.97224
874	17.8413	602.3202	378.7374	366	122.5994	4.96754
875	17.8583	596.3238	376.7409	366	122.5994	4.96285
876	17.8753	544.32	373.5029	365	122.5994	4.95816
877	17.8923	476.7432	371.4597	365	122.5994	4.95349
878	17.9093	466.5687	369.8066	365	122.5994	4.94883
879	17.9263	458.9032	368.5473	365	122.5994	4.94417
880	17.9433	372.892	367.643	365	122.5994	4.93953

881	17.9603	382.8955	366.9848	365	122.5994	4.93489
882	17.9773	387.9236	366.4872	365	122.5994	4.93026
883	17.9943	384.2562	365.1148	364	122.5994	4.92564
884	18.0113	349.7349	364.847	364	122.5994	4.92103
885	18.0283	391.922	364.66	364	122.5994	4.91643
886	18.0453	387.4439	364.5308	364	122.5994	4.91184
887	18.0623	373.4862	364.4404	364	122.5994	4.90725
888	18.0793	385.796	364.3748	364	122.5994	4.90267
889	18.0963	365.5866	364.325	364	122.5994	4.89811
890	18.1133	398.9992	363.2854	363	122.5994	4.89355
891	18.1303	363.6393	363.2531	363	122.5994	4.889
892	18.1473	354.6589	363.226	363	122.5994	4.88446
893	18.1643	340.1369	363.2032	363	122.5994	4.87992
894	18.1813	337.6161	363.1837	363	122.5994	4.8754
895	18.1983	361.0067	363.1224	363	122.5994	4.87088
896	18.2153	360.0323	362.1113	362	122.5994	4.86638
897	18.2323	351.9811	362.0633	362	122.5994	4.86188
898	18.2493	352.2495	362.0363	362	122.5994	4.85739
899	18.2663	370.6888	362.0331	362	122.5994	4.8529
900	18.2833	351.3118	362.0268	362	122.5994	4.84843
901	18.3003	364.4787	362.0267	362	122.5994	4.84396
902	18.3173	363.1179	362.0268	362	122.5994	4.83951
903	18.3343	360.1276	361.0266	361	122.5994	4.83506
904	18.3513	355.2343	361.0279	361	122.5994	4.83062
905	18.3683	370.7618	361.0264	361	122.5994	4.82618
906	18.3853	370.465	361.0283	361	122.5994	4.82176
907	18.4023	355.7434	361.0305	361	122.5994	4.81734
908	18.4193	338.5663	361.0329	361	122.5994	4.81294
909	18.4363	340.5473	361.0356	361	122.5994	4.80854
910	18.4533	365.6138	360.0387	360	122.5994	4.80414
911	18.4703	368.5417	360.0422	360	122.5994	4.79976
912	18.4873	346.0019	360.0463	360	122.5994	4.79539
913	18.5043	350.1827	360.0511	360	122.5994	4.79102
914	18.5213	364.5822	360.0567	360	122.5994	4.78666
915	18.5383	378.9822	360.0635	360	122.5994	4.78231
916	18.5553	386.8245	360.0718	360	122.5994	4.77797
917	18.5723	371.5943	361.1132	361	122.5994	4.77363
918	18.5893	345.6432	361.1305	361	122.5994	4.7693
919	18.6063	361.1853	361.1554	361	122.5994	4.76498
920	18.6233	334.1181	361.2097	361	122.5994	4.76067
921	18.6403	338.5153	361.2725	361	122.5994	4.75637
922	18.6573	342.2172	361.368	361	122.5994	4.75207
923	18.6743	364.3708	361.5014	361	122.5994	4.74779
924	18.6913	371.956	362.6643	362	122.5994	4.74351
925	18.7083	382.7789	362.8229	362	122.5994	4.73923
926	18.7253	373.634	362.9244	362	122.5994	4.73497
927	18.7423	361.8788	362.9546	362	122.5994	4.73071
928	18.7593	413.1216	362.9472	362	122.5994	4.72646
929	18.7763	404.4178	362.9302	362	122.5994	4.72222

930	18.7933	416.0292	362.9353	362	122.5994	4.71799
931	18.8103	380.6222	364.0012	363	122.5994	4.71376
932	18.8273	417.493	364.151	363	122.5994	4.70955
933	18.8443	456.3505	364.3968	363	122.5994	4.70534
934	18.8613	425.7767	364.7517	363	122.5994	4.70113
935	18.8783	393.1988	365.2372	363	122.5994	4.69694
936	18.8953	406.4133	365.8805	363	122.5994	4.69275
937	18.9123	425.521	367.6979	364	122.5994	4.68857
938	18.9293	425.4845	368.6669	364	122.5994	4.6844
939	18.9463	398.4611	369.6672	364	122.5994	4.68023
940	18.9633	435.1936	370.3881	364	122.5994	4.67608
941	18.9803	392.4669	370.4733	364	122.5994	4.67193
942	18.9973	377.3915	369.9446	364	122.5994	4.66778
943	19.0143	367.6191	369.0651	364	122.5994	4.66365
944	19.0313	367.0432	369.027	365	122.5994	4.65952
945	19.0483	378.5405	367.9446	365	122.5994	4.6554
946	19.0653	379.1994	367.056	365	122.5994	4.65129
947	19.0823	348.1734	366.444	365	122.5994	4.64718
948	19.0993	339.9535	366.0324	365	122.5994	4.64309
949	19.1163	342.2564	365.7833	365	122.5994	4.63899
950	19.1333	334.6099	365.6353	365	122.5994	4.63491
951	19.1503	332.0456	366.554	366	122.5994	4.63084
952	19.1673	367.0513	366.526	366	122.5994	4.62677
953	19.1843	377.2584	366.5065	366	122.5994	4.6227
954	19.2013	359.1307	366.5093	366	122.5994	4.61865
955	19.2183	365.0296	366.5408	366	122.5994	4.6146
956	19.2353	385.8348	366.5919	366	122.5994	4.61056
957	19.2523	409.2125	366.685	366	122.5994	4.60653
958	19.2693	355.3199	367.8492	367	122.5994	4.6025
959	19.2863	340.2001	368.1357	367	122.5994	4.59849
960	19.3033	366.9059	368.6241	367	122.5994	4.59447
961	19.3203	369.9727	369.4105	367	122.5994	4.59047
962	19.3373	379.1567	371.5551	368	122.5994	4.58647
963	19.3543	378.7172	374.0405	369	122.5994	4.58248
964	19.3713	376.3239	375.699	369	122.5994	4.5785
965	19.3883	364.975	377.9444	370	122.5994	4.57452
966	19.4053	412.5154	379.1019	371	122.5994	4.57055
967	19.4223	396.7946	379.383	372	122.5994	4.56659
968	19.4393	388.0973	379.2589	373	122.5994	4.56264
969	19.4563	384.844	378.8792	374	122.5994	4.55869
970	19.4733	351.6826	377.5724	374	122.5994	4.55475
971	19.4903	365.7154	377.6641	375	122.5994	4.55081
972	19.5073	382.4954	378.2422	376	122.5994	4.54688
973	19.5243	373.5027	379.5873	377	122.5994	4.54296
974	19.5413	387.0887	380.9067	378	122.5994	4.53905
975	19.5583	373.1696	381.273	378	122.5994	4.53514
976	19.5753	357.5055	382.6097	379	122.5994	4.53124
977	19.5923	396.0112	383.5093	380	122.5994	4.52735
978	19.6093	365.3999	384.2135	381	122.5994	4.52346

979	19.6263	391.541	384.836	382	122.5994	4.51958
980	19.6433	379.2615	384.4554	382	122.5994	4.51571
981	19.6603	369.1861	385.1278	383	122.5994	4.51184
982	19.6773	414.0029	385.9338	384	122.5994	4.50798
983	19.6943	397.5689	386.8888	385	122.5994	4.50413
984	19.7113	410.5039	387.9485	386	122.5994	4.50029
985	19.7283	422.9572	388.105	386	122.5994	4.49645
986	19.7453	413.8158	389.3622	387	122.5994	4.49261
987	19.7623	413.7386	390.7279	388	122.5994	4.48879
988	19.7793	438.7027	392.2151	389	122.5994	4.48497
989	19.7963	408.2086	394.0272	390	122.5994	4.48115
990	19.8133	415.7171	396.3782	391	122.5994	4.47735
991	19.8303	402.81	398.7303	391	122.5994	4.47355
992	19.8473	410.5395	403.8474	392	122.5994	4.46975
993	19.8643	428.3352	411.4885	393	122.5994	4.46597
994	19.8813	426.3127	422.0405	394	122.5994	4.46219
995	19.8983	422.5667	434.7734	395	122.5994	4.45841
996	19.9153	401.6464	445.8156	395	122.5994	4.45465
997	19.9323	418.1292	452.5045	396	122.5994	4.45088
998	19.9493	404.2909	452.1766	397	122.5994	4.44713
999	19.9663	402.8704	447.3701	398	122.5994	4.44338
1000	19.9833	424.7847	439.7537	399	122.5994	4.43964
1001	20.0003	420.9508	430.6391	400	122.5994	4.4359
1002	20.0173	441.3356	421.3655	400	122.5994	4.43218
1003	20.0343	417.6994	415.3094	401	122.5994	4.42845
1004	20.0513	405.3577	411.7118	402	122.5994	4.42474
1005	20.0683	381.3212	409.7898	403	122.5994	4.42103
1006	20.0853	392.8363	409.1021	404	122.5994	4.41732
1007	20.1023	406.8832	408.2413	404	122.5994	4.41363
1008	20.1193	396.0349	408.7451	405	122.5994	4.40994
1009	20.1363	403.0621	409.5468	406	122.5994	4.40625
1010	20.1533	416.7162	409.6349	406	122.5994	4.40257
1011	20.1703	402.5265	411.0898	407	122.5994	4.3989
1012	20.1873	429.8456	412.0383	407	122.5994	4.39523
1013	20.2043	424.9384	413.5718	407	122.5994	4.39157
1014	20.2213	376.1285	415.6241	407	122.5994	4.38792
1015	20.2383	403.4691	418.7946	408	122.5994	4.38427
1016	20.2553	382.1183	420.2732	408	122.5994	4.38063
1017	20.2723	359.8868	420.5335	408	122.5994	4.377
1018	20.2893	384.4122	420.9763	409	122.5994	4.37337
1019	20.3063	388.0973	420.0894	409	122.5994	4.36974
1020	20.3233	402.8245	419.1804	409	122.5994	4.36613
1021	20.3403	431.1191	418.5733	409	122.5994	4.36252
1022	20.3573	401.0477	420.248	410	122.5994	4.35891
1023	20.3743	380.4612	422.1361	410	122.5994	4.35531
1024	20.3913	354.1897	425.0375	410	122.5994	4.35172
1025	20.4083	419.8591	429.0648	410	122.5994	4.34813
1026	20.4253	406.5416	434.9149	411	122.5994	4.34455
1027	20.4423	380.8508	439.4873	411	122.5994	4.34098

1028	20.4593	392.0267	441.6246	411	122.5994	4.33741
1029	20.4763	424.5941	459.1546	412	122.5994	4.33385
1030	20.4933	398.2721	457.4756	412	122.5994	4.33029
1031	20.5103	411.4426	454.915	412	122.5994	4.32674
1032	20.5273	414.0888	461.4331	412	122.5994	4.3232
1033	20.5443	439.2959	460.9547	413	122.5994	4.31966
1034	20.5613	430.7738	461.0422	413	122.5994	4.31612
1035	20.5783	446.8497	463.2746	413	122.5994	4.3126
1036	20.5953	506.8728	467.9211	414	122.5994	4.30907
1037	20.6123	484.009	473.2358	414	122.5994	4.30556
1038	20.6293	496.6324	480.281	414	122.5994	4.30205
1039	20.6463	512.3988	489.345	414	122.5994	4.29855
1040	20.6633	516.1551	501.9201	415	122.5994	4.29505
1041	20.6803	609.7175	516.9389	415	122.5994	4.29156
1042	20.6973	672.8896	536.3876	415	122.5994	4.28807
1043	20.7143	687.0091	562.7073	416	122.5994	4.28459
1044	20.7313	752.7611	596.4374	416	122.5994	4.28111
1045	20.7483	854.7429	644.4042	416	122.5994	4.27764
1046	20.7653	988.1757	721.1752	416	122.5994	4.27418
1047	20.7823	1131.401	855.6978	417	122.5994	4.27072
1048	20.7993	1337.825	1085.636	417	122.5994	4.26727
1049	20.8163	1623.151	1452.305	417	122.5994	4.26382
1050	20.8333	1938.771	1972.715	418	122.5994	4.26038
1051	20.8503	2390.595	2595.585	418	122.5994	4.25695
1052	20.8673	3101.774	3153.995	418	122.5994	4.25352
1053	20.8843	3969.383	3407.567	418	122.5994	4.25009
1054	20.9013	4943.18	3307.962	419	122.5994	4.24667
1055	20.9183	5062.195	2996.197	419	122.5994	4.24326
1056	20.9353	4024.211	2549.647	419	122.5994	4.23985
1057	20.9523	3176.241	2028.121	420	122.5994	4.23645
1058	20.9693	2563.224	1542	419	122.5994	4.23306
1059	20.9863	1766.84	1167.266	419	122.5994	4.22967
1060	21.0033	1081.257	910.0215	418	122.5994	4.22628
1061	21.0203	793.3551	749.2904	418	122.5994	4.2229
1062	21.0373	707.1268	653.602	418	122.5994	4.21953
1063	21.0543	688.0279	595.7917	417	122.5994	4.21616
1064	21.0713	686.4528	560.3186	417	122.5994	4.2128
1065	21.0883	695.8511	536.3655	417	122.5994	4.20944
1066	21.1053	603.9506	518.0108	416	122.5994	4.20609
1067	21.1223	577.2439	504.7169	416	122.5994	4.20274
1068	21.1393	548.7693	493.9186	416	122.5994	4.1994
1069	21.1563	502.714	483.6169	415	122.5994	4.19606
1070	21.1733	501.7401	475.6971	415	122.5994	4.19273
1071	21.1903	470.6516	468.854	415	122.5994	4.18941
1072	21.2073	459.5257	461.839	414	122.5994	4.18609
1073	21.2243	402.4162	456.7058	414	122.5994	4.18277
1074	21.2413	435.3779	451.3892	413	122.5994	4.17946
1075	21.2583	420.2579	447.7983	413	122.5994	4.17616
1076	21.2753	422.9562	444.7863	413	122.5994	4.17286

1077	21.2923	439.6915	424.1529	412	122.5994	4.16957
1078	21.3093	431.9301	423.1121	412	122.5994	4.16628
1079	21.3263	425.3077	422.1577	412	122.5994	4.163
1080	21.3433	412.9771	411.7578	411	122.5994	4.15972
1081	21.3603	420.0835	411.6033	411	122.5994	4.15645
1082	21.3773	416.0633	410.4526	410	122.5994	4.15318
1083	21.3943	371.9055	409.7747	409	122.5994	4.14992
1084	21.4113	389.8322	409.7258	409	122.5994	4.14666
1085	21.4283	413.4149	408.7118	408	122.5994	4.14341
1086	21.4453	409.2128	407.9434	407	122.5994	4.14016
1087	21.4623	418.7343	406.9993	406	122.5994	4.13692
1088	21.4793	441.7404	406.0762	405	122.5994	4.13369
1089	21.4963	417.8437	406.1736	405	122.5994	4.13046
1090	21.5133	418.4461	406.1574	404	122.5994	4.12723
1091	21.5303	421.7498	405.3814	403	122.5994	4.12401
1092	21.5473	411.2113	404.6248	402	122.5994	4.12079
1093	21.5643	392.0473	406.0983	402	122.5994	4.11758
1094	21.5813	387.9708	405.5918	401	122.5994	4.11438
1095	21.5983	361.5835	405.1769	400	122.5994	4.11118
1096	21.6153	367.9005	405.5174	399	122.5994	4.10798
1097	21.6323	374.5525	405.5039	398	122.5994	4.10479
1098	21.6493	378.8629	406.8257	398	122.5994	4.10161
1099	21.6663	359.4524	407.748	397	122.5994	4.09843
1100	21.6833	395.3342	409.8315	396	122.5994	4.09525
1101	21.7003	410.775	413.7891	395	122.5994	4.09209
1102	21.7173	395.7194	420.6901	394	122.5994	4.08892
1103	21.7343	392.0473	432.298	394	122.5994	4.08576
1104	21.7513	389.1542	446.4029	393	122.5994	4.08261
1105	21.7683	412.3453	461.7429	392	122.5994	4.07946
1106	21.7853	374.3084	474.4632	392	122.5994	4.07631
1107	21.8023	385.7473	480.4674	392	122.5994	4.07317
1108	21.8193	372.8501	484.6081	393	122.5994	4.07004
1109	21.8363	394.9895	490.1432	393	122.5994	4.06691
1110	21.8533	376.3064	500.7986	393	122.5994	4.06378
1111	21.8703	403.8904	519.226	393	122.5994	4.06066
1112	21.8873	393.5738	546.6941	394	122.5994	4.05754
1113	21.9043	406.8657	574.5227	394	122.5994	4.05443
1114	21.9213	423.4652	594.8073	394	122.5994	4.05133
1115	21.9383	416.4213	608.0385	394	122.5994	4.04823
1116	21.9553	479.0238	616.9468	395	122.5994	4.04513
1117	21.9723	484.6139	611.2649	395	122.5994	4.04204
1118	21.9893	533.0021	587.9796	395	122.5994	4.03895
1119	22.0063	520.7415	557.0072	395	122.5994	4.03587
1120	22.0233	617.7515	526.2745	395	122.5994	4.03279
1121	22.0403	655.3694	497.8722	396	122.5994	4.02972
1122	22.0573	702.2631	472.2239	396	122.5994	4.02665
1123	22.0743	703.7664	454.0191	396	122.5994	4.02359
1124	22.0913	708.5967	443.3442	396	122.5994	4.02053
1125	22.1083	673.2898	440.5179	397	122.5994	4.01748

1126	22.1253	608.9312	441.3764	397	122.5994	4.01443
1127	22.1423	574.8764	444.1433	397	122.5994	4.01139
1128	22.1593	522.5727	444.8074	397	122.5994	4.00835
1129	22.1763	474.0727	444.6217	398	122.5994	4.00532
1130	22.1933	446.7281	442.5818	398	122.5994	4.00229
1131	22.2103	394.3506	439.5809	398	122.5994	3.99926
1132	22.2273	398.6948	436.4321	398	122.5994	3.99624
1133	22.2443	380.2571	433.312	398	122.5994	3.99322
1134	22.2613	365.8953	431.3185	399	122.5994	3.99021
1135	22.2783	352.7986	428.7994	399	122.5994	3.98721
1136	22.2953	371.8971	426.4935	399	122.5994	3.98421
1137	22.3123	386.8288	424.4131	399	122.5994	3.98121
1138	22.3293	403.6919	423	400	122.5994	3.97822
1139	22.3463	392.6669	422.4392	400	122.5994	3.97523
1140	22.3633	392.43	423.9468	400	122.5994	3.97224
1141	22.3803	381.1803	427.7627	400	122.5994	3.96927
1142	22.3973	365.6223	437.3406	400	122.5994	3.96629
1143	22.4143	397.4606	452.7643	401	122.5994	3.96332
1144	22.4313	406.5362	468.9078	401	122.5994	3.96036
1145	22.4483	383.0999	480.7851	401	122.5994	3.9574
1146	22.4653	374.9588	486.3541	401	122.5994	3.95444
1147	22.4823	381.4968	489.7216	402	122.5994	3.95149
1148	22.4993	397.6493	488.1413	402	122.5994	3.94854
1149	22.5163	424.0797	478.9791	402	122.5994	3.9456
1150	22.5333	429.6015	465.7052	402	122.5994	3.94266
1151	22.5503	419.3283	454.308	403	122.5994	3.93973
1152	22.5673	403.8017	443.0223	403	122.5994	3.9368
1153	22.5843	384.4689	432.918	403	122.5994	3.93387
1154	22.6013	422.6038	424.7512	403	122.5994	3.93095
1155	22.6183	389.1732	418.8032	403	122.5994	3.92803
1156	22.6353	400.4393	414.8136	403	122.5994	3.92512
1157	22.6523	390.1228	412.0949	403	122.5994	3.92222
1158	22.6693	398.7486	410.2506	403	122.5994	3.91931
1159	22.6863	371.2862	409.0196	403	122.5994	3.91641
1160	22.7033	354.3985	408.2158	403	122.5994	3.91352
1161	22.7203	379.1555	406.7179	402	122.5994	3.91063
1162	22.7373	372.606	406.4489	402	122.5994	3.90774
1163	22.7543	353.505	406.367	402	122.5994	3.90486
1164	22.7713	384.9171	406.4703	402	122.5994	3.90199
1165	22.7883	414.0307	406.8164	402	122.5994	3.89911
1166	22.8053	370.2031	407.5572	402	122.5994	3.89625
1167	22.8223	388.6084	409.031	402	122.5994	3.89338
1168	22.8393	360.7597	411.564	402	122.5994	3.89052
1169	22.8563	417.0825	415.6558	402	122.5994	3.88767
1170	22.8733	399.0909	421.518	402	122.5994	3.88482
1171	22.8903	424.1905	428.6717	402	122.5994	3.88197
1172	22.9073	451.6551	435.2017	402	122.5994	3.87913
1173	22.9243	416.1186	438.9609	402	122.5994	3.87629
1174	22.9413	429.6706	439.1747	402	122.5994	3.87346

1175	22.9583	408.3886	436.5929	402	122.5994	3.87063
1176	22.9753	489.6667	433.7871	402	122.5994	3.8678
1177	22.9923	484.8821	431.0243	402	122.5994	3.86498
1178	23.0093	458.2695	426.7392	401	122.5994	3.86216
1179	23.0263	442.4659	424.1915	401	122.5994	3.85935
1180	23.0433	442.079	422.8387	401	122.5994	3.85654
1181	23.0603	445.0495	421.5497	401	122.5994	3.85374
1182	23.0773	451.0027	420.3058	401	122.5994	3.85093
1183	23.0943	453.9284	418.926	401	122.5994	3.84814
1184	23.1113	463.0936	417.38	401	122.5994	3.84535
1185	23.1283	433.9249	415.7827	401	122.5994	3.84256
1186	23.1453	418.1456	414.3969	401	122.5994	3.83977
1187	23.1623	407.6171	413.5262	401	122.5994	3.83699
1188	23.1793	387.7936	413.3657	401	122.5994	3.83422
1189	23.1963	409.0519	413.8837	401	122.5994	3.83145
1190	23.2133	409.5658	414.701	401	122.5994	3.82868
1191	23.2303	413.1528	415.1173	401	122.5994	3.82592
1192	23.2473	421.7471	414.7973	401	122.5994	3.82316
1193	23.2643	389.3391	413.144	400	122.5994	3.8204
1194	23.2813	390.8987	412.6198	400	122.5994	3.81765
1195	23.2983	413.989	411.9915	400	122.5994	3.8149
1196	23.3153	408.6953	411.6953	400	122.5994	3.81216
1197	23.3323	383.7358	412.182	400	122.5994	3.80942
1198	23.3493	394.1706	414.6778	400	122.5994	3.80669
1199	23.3663	422.1292	420.3376	400	122.5994	3.80396
1200	23.3833	393.1224	429.7568	400	122.5994	3.80123
1201	23.4003	393.8788	443.5847	400	122.5994	3.79851
1202	23.4173	402.746	459.6724	400	122.5994	3.79579
1203	23.4343	421.5717	472.0638	400	122.5994	3.79307
1204	23.4513	424.3193	474.8021	400	122.5994	3.79036
1205	23.4683	443.249	471.1155	400	122.5994	3.78765
1206	23.4853	481.1806	466.3384	400	122.5994	3.78495
1207	23.5023	500.8568	460.5786	400	122.5994	3.78225
1208	23.5193	523.7438	454.2076	400	122.5994	3.77955
1209	23.5363	538.1351	450.7995	400	122.5994	3.77686
1210	23.5533	552.6993	453.1267	400	122.5994	3.77418
1211	23.5703	585.4834	461.9021	400	122.5994	3.77149
1212	23.5873	585.5897	476.8319	400	122.5994	3.76881
1213	23.6043	667.2697	496.0094	400	122.5994	3.76614
1214	23.6213	691.2156	515.433	400	122.5994	3.76346
1215	23.6383	727.3666	531.2252	400	122.5994	3.7608
1216	23.6553	675.9352	541.3864	400	122.5994	3.75813
1217	23.6723	673.4725	541.3194	400	122.5994	3.75547
1218	23.6893	652.08	528.9804	400	122.5994	3.75281
1219	23.7063	614.0276	510.8767	400	122.5994	3.75016
1220	23.7233	597.9675	492.4124	400	122.5994	3.74751
1221	23.7403	547.6935	473.884	400	122.5994	3.74487
1222	23.7573	496.1296	457.0746	400	122.5994	3.74223
1223	23.7743	451.5822	445.2284	400	122.5994	3.73959

1224	23.7913	498.7047	439.5265	400	122.5994	3.73696
1225	23.8083	481.3576	439.9478	400	122.5994	3.73433
1226	23.8253	436.5362	444.3377	399	122.5994	3.7317
1227	23.8423	425.375	452.9968	398	122.5994	3.72908
1228	23.8593	430.2045	462.5245	397	122.5994	3.72646
1229	23.8763	448.7966	468.3446	396	122.5994	3.72384
1230	23.8933	467.141	470.6819	396	122.5994	3.72123
1231	23.9103	500.676	471.5793	395	122.5994	3.71863
1232	23.9273	489.7407	472.2383	394	122.5994	3.71602
1233	23.9443	496.4068	471.3553	393	122.5994	3.71342
1234	23.9613	511.97	467.1461	392	122.5994	3.71083
1235	23.9783	492.8492	458.7246	391	122.5994	3.70823
1236	23.9953	492.8492	449.8114	390	122.5994	3.70565
1237	24.0123	506.1875	442.4837	389	122.5994	3.70306
1238	24.0293	512.5107	436.7306	388	122.5994	3.70048
1239	24.0463	525.3296	433.2657	387	122.5994	3.6979
1240	24.0633	506.7068	433.8372	386	122.5994	3.69533
1241	24.0803	514.3218	439.2018	385	122.5994	3.69276
1242	24.0973	499.1589	448.3544	384	122.5994	3.69019
1243	24.1143	463.3087	458.9902	384	122.5994	3.68763
1244	24.1313	453.6985	464.0353	383	122.5994	3.68507
1245	24.1483	431.223	462.424	382	122.5994	3.68251
1246	24.1653	447.423	457.1079	381	122.5994	3.67996
1247	24.1823	492.5992	450.4179	380	122.5994	3.67741
1248	24.1993	479.7369	442.6745	379	122.5994	3.67487
1249	24.2163	464.1772	435.7531	378	122.5994	3.67233
1250	24.2333	520.5886	433.2054	377	122.5994	3.66979
1251	24.2503	516.7341	437.9337	376	122.5994	3.66725
1252	24.2673	519.4121	450.8035	375	122.5994	3.66472
1253	24.2843	586.1439	471.5729	374	122.5994	3.6622
1254	24.3013	571.9945	494.2773	373	122.5994	3.65967
1255	24.3183	548.0102	509.3999	373	122.5994	3.65715
1256	24.3353	605.0847	507.7097	372	122.5994	3.65464
1257	24.3523	575.5442	497.072	371	122.5994	3.65212
1258	24.3693	556.9066	484.1239	370	122.5994	3.64961
1259	24.3863	555.0842	469.7342	369	122.5994	3.64711
1260	24.4033	526.1878	454.2185	368	122.5994	3.64461
1261	24.4203	491.5429	441.2635	367	122.5994	3.64211
1262	24.4373	440.8443	431.7786	366	122.5994	3.63961
1263	24.4543	420.4643	424.5758	365	122.5994	3.63712
1264	24.4713	459.1294	417.6606	364	122.5994	3.63463
1265	24.4883	417.2388	409.9092	363	122.5994	3.63215
1266	24.5053	389.8245	401.9502	362	122.5994	3.62967
1267	24.5223	395.0661	395.2798	362	122.5994	3.62719
1268	24.5393	402.6505	388.0105	361	122.5994	3.62471
1269	24.5563	413.4728	381.4094	360	122.5994	3.62224
1270	24.5733	370.6597	376.1924	359	122.5994	3.61978
1271	24.5903	380.3668	372.2776	358	122.5994	3.61731
1272	24.6073	365.8831	369.2065	357	122.5994	3.61485

1273	24.6243	361.8977	366.6522	356	122.5994	3.6124
1274	24.6413	357.3421	366.5924	357	122.5994	3.60994
1275	24.6583	321.7193	365.9678	357	122.5994	3.60749
1276	24.6753	352.5609	366.8241	358	122.5994	3.60504
1277	24.6923	396.778	368.4248	359	122.5994	3.6026
1278	24.7093	386.2255	370.0173	359	122.5994	3.60016
1279	24.7263	378.3577	373.4388	360	122.5994	3.59772
1280	24.7433	366.5296	376.8338	361	122.5994	3.59529
1281	24.7603	369.3148	377.6438	361	122.5994	3.59286
1282	24.7773	376.3239	378.0358	362	122.5994	3.59043
1283	24.7943	371.8598	378.3194	363	122.5994	3.58801
1284	24.8113	370.9776	378.1976	363	122.5994	3.58559
1285	24.8283	418.0859	379.5339	364	122.5994	3.58317
1286	24.8453	393.0832	381.6414	365	122.5994	3.58076
1287	24.8623	369.9623	383.1029	365	122.5994	3.57835
1288	24.8793	343.934	384.6806	366	122.5994	3.57594
1289	24.8963	374.5927	383.614	367	122.5994	3.57354
1290	24.9133	360.9425	381.6233	367	122.5994	3.57114
1291	24.9303	381.7134	380.8044	368	122.5994	3.56874
1292	24.9473	385.9203	379.7872	369	122.5994	3.56635
1293	24.9643	400.0288	377.4514	369	122.5994	3.56396
1294	24.9813	374.9503	376.3921	370	122.5994	3.56157
1295	24.9983	385.0244	376.0032	371	122.5994	3.55919
1296	25.0153	388.0973	375.2977	371	122.5994	3.55681
1297	25.0323	354.1094	376.0636	372	122.5994	3.55443
1298	25.0493	373.8765	378.9871	375	122.5994	3.55206
1299	25.0663	383.6068	380.885	377	122.5994	3.54969
1300	25.0833	402.9725	383.8272	380	122.5994	3.54732
1301	25.1003	431.8209	388.2174	383	122.5994	3.54496
1302	25.1173	400.2476	391.5719	386	122.5994	3.5426
1303	25.1343	428.7958	394.1449	388	122.5994	3.54024
1304	25.1513	447.5383	397.9654	391	122.5994	3.53789
1305	25.1683	399.812	402.1511	394	122.5994	3.53553
1306	25.1853	459.5486	405.3128	396	122.5994	3.53319
1307	25.2023	430.174	409.271	399	122.5994	3.53084
1308	25.2193	444.7056	412.5151	402	122.5994	3.5285
1309	25.2363	443.4388	415.0877	405	122.5994	3.52616
1310	25.2533	459.3862	416.5839	407	122.5994	3.52383
1311	25.2703	457.9374	419.1648	410	122.5994	3.52149
1312	25.2873	417.6724	421.7472	413	122.5994	3.51917
1313	25.3043	413.6893	424.3267	416	122.5994	3.51684
1314	25.3213	429.5398	426.4067	418	122.5994	3.51452
1315	25.3383	422.5025	430.0764	421	122.5994	3.5122
1316	25.3553	415.4676	434.3663	424	122.5994	3.50988
1317	25.3723	389.1643	438.3524	426	122.5994	3.50757
1318	25.3893	412.3628	444.1339	429	122.5994	3.50526
1319	25.4063	444.399	450.8267	432	122.5994	3.50295
1320	25.4233	472.9126	458.5202	435	122.5994	3.50065
1321	25.4403	479.7939	466.2147	437	122.5994	3.49835

1322	25.4573	462.8149	474.7603	439	122.5994	3.49605
1323	25.4743	497.1084	484.0027	441	122.5994	3.49375
1324	25.4913	524.3597	494.4083	443	122.5994	3.49146
1325	25.5083	528.905	508.0407	445	122.5994	3.48917
1326	25.5253	545.5065	527.9138	447	122.5994	3.48689
1327	25.5423	582.5451	555.9386	449	122.5994	3.48461
1328	25.5593	575.9581	590.7673	451	122.5994	3.48233
1329	25.5763	557.6757	627.6465	454	122.5994	3.48005
1330	25.5933	590.4383	651.9601	456	122.5994	3.47778
1331	25.6103	610.1014	654.2902	458	122.5994	3.47551
1332	25.6273	591.4162	645.5627	460	122.5994	3.47324
1333	25.6443	587.2067	641.8799	462	122.5994	3.47098
1334	25.6613	600.4946	645.5309	464	122.5994	3.46872
1335	25.6783	622.6349	651.6387	466	122.5994	3.46646
1336	25.6953	626.3214	656.5472	468	122.5994	3.4642
1337	25.7123	655.3176	650.7819	470	122.5994	3.46195
1338	25.7293	665.6524	631.8523	472	122.5994	3.4597
1339	25.7463	633.5962	611.7025	474	122.5994	3.45746
1340	25.7633	629.0714	595.7916	476	122.5994	3.45521
1341	25.7803	613.4512	579.0192	478	122.5994	3.45297
1342	25.7973	622.7538	559.4452	480	122.5994	3.45074
1343	25.8143	590.5791	541.353	482	122.5994	3.4485
1344	25.8313	547.3321	527.4563	484	122.5994	3.44627
1345	25.8483	538.632	518.2902	486	122.5994	3.44404
1346	25.8653	516.6905	512.0999	487	122.5994	3.44182
1347	25.8823	489.4693	509.2987	489	122.5994	3.4396
1348	25.8993	551.141	506.9689	490	122.5994	3.43738
1349	25.9163	547.4614	505.2026	491	122.5994	3.43516
1350	25.9333	521.0362	504.2208	492	122.5994	3.43295
1351	25.9503	564.0468	504.8805	494	122.5994	3.43074
1352	25.9673	513.4575	505.0341	495	122.5994	3.42853
1353	25.9843	489.6215	505.234	496	122.5994	3.42633
1354	26.0013	500.2235	506.3869	498	122.5994	3.42413
1355	26.0183	493.2079	506.5701	499	122.5994	3.42193
1356	26.0353	520.2283	506.8587	500	122.5994	3.41973
1357	26.0523	506.1513	508.2008	502	122.5994	3.41754
1358	26.0693	547.5702	508.5604	503	122.5994	3.41535
1359	26.0863	535.5778	508.9982	504	122.5994	3.41316
1360	26.1033	510.4994	509.5724	505	122.5994	3.41098
1361	26.1203	567.7009	511.3062	507	122.5994	3.40879
1362	26.1373	557.9458	512.097	508	122.5994	3.40662
1363	26.1543	540.1643	598.9316	509	122.5994	3.40444
1364	26.1713	572.8873	606.6417	511	122.5994	3.40227
1365	26.1883	564.7964	612.7656	512	122.5994	3.4001
1366	26.2053	554.6862	621.0715	513	122.5994	3.39793
1367	26.2223	550.2549	630.3875	514	122.5994	3.39577
1368	26.2393	571.5858	640.8753	516	122.5994	3.3936
1369	26.2563	622.6386	650.9148	517	122.5994	3.39145
1370	26.2733	629.7992	661.9009	518	122.5994	3.38929

1371	26.2903	638.7903	675.224	520	122.5994	3.38714
1372	26.3073	694.2971	689.2074	521	122.5994	3.38499
1373	26.3243	717.0728	705.369	522	122.5994	3.38284
1374	26.3413	766.2786	724.5268	523	122.5994	3.38069
1375	26.3583	796.7244	748.5717	525	122.5994	3.37855
1376	26.3753	843.828	776.2039	526	122.5994	3.37641
1377	26.3923	895.6096	808.446	527	122.5994	3.37428
1378	26.4093	978.2363	845.8743	529	122.5994	3.37214
1379	26.4263	1129.742	884.9525	530	122.5994	3.37001
1380	26.4433	1246.792	927.4623	531	122.5994	3.36789
1381	26.4603	1402.448	978.0367	533	122.5994	3.36576
1382	26.4773	1605.924	1037.987	534	122.5994	3.36364
1383	26.4943	1838.494	1111.053	535	122.5994	3.36152
1384	26.5113	2162.535	1200.606	536	122.5994	3.3594
1385	26.5283	2659.817	1316.483	538	122.5994	3.35729
1386	26.5453	3228.199	1470.293	539	122.5994	3.35517
1387	26.5623	3950.808	1694.327	540	122.5994	3.35307
1388	26.5793	4890.8	2054.637	542	122.5994	3.35096
1389	26.5963	6216.134	2674.712	543	122.5994	3.34886
1390	26.6133	7954.543	3755.004	544	122.5994	3.34676
1391	26.6303	10437.53	5534.568	545	122.5994	3.34466
1392	26.6473	14158.21	8175.153	547	122.5994	3.34256
1393	26.6643	19318.28	11573.46	548	122.5994	3.34047
1394	26.6813	25153.56	15095.92	549	122.5994	3.33838
1395	26.6983	26658.87	17397.95	549	122.5994	3.33629
1396	26.7153	19571.16	17483.66	550	122.5994	3.33421
1397	26.7323	14164.3	16117.32	550	122.5994	3.33213
1398	26.7493	13586.86	14445.68	551	122.5994	3.33005
1399	26.7663	12709.53	12576.3	551	122.5994	3.32797
1400	26.7833	8209.373	10220.1	552	122.5994	3.3259
1401	26.8003	4427.534	7703.45	553	122.5994	3.32383
1402	26.8173	2828.422	5541.548	553	122.5994	3.32176
1403	26.8343	2210.034	3936.2	554	122.5994	3.31969
1404	26.8513	2008.365	2864.488	554	122.5994	3.31763
1405	26.8683	1884.489	2210.23	555	122.5994	3.31557
1406	26.8853	1645.114	1827.706	555	122.5994	3.31351
1407	26.9023	1450.542	1598.421	556	122.5994	3.31146
1408	26.9193	1316.276	1441.744	556	122.5994	3.3094
1409	26.9363	1276.301	1321.093	557	122.5994	3.30735
1410	26.9533	1177.496	1229.727	558	122.5994	3.30531
1411	26.9703	1267.662	1168.605	558	122.5994	3.30326
1412	26.9873	1314.319	1133.541	559	122.5994	3.30122
1413	27.0043	1295.152	1109.574	559	122.5994	3.29918
1414	27.0213	1135.649	1082.844	560	122.5994	3.29714
1415	27.0383	1002.582	1039.6	560	122.5994	3.29511
1416	27.0553	990.299	991.4255	561	122.5994	3.29308
1417	27.0723	987.7938	948.894	561	122.5994	3.29105
1418	27.0893	893.929	910.0455	561	122.5994	3.28902
1419	27.1063	794.9341	873.1283	561	122.5994	3.287

1420	27.1233	732.6444	829.6371	561	122.5994	3.28497
1421	27.1403	687.7446	791.8474	561	122.5994	3.28295
1422	27.1573	700.2846	760.5001	560	122.5994	3.28094
1423	27.1743	711.8865	736.6836	560	122.5994	3.27892
1424	27.1913	694.5276	719.3704	560	122.5994	3.27691
1425	27.2083	618.9315	705.5807	560	122.5994	3.2749
1426	27.2253	577.5766	693.8651	559	122.5994	3.2729
1427	27.2423	534.5956	583.4232	559	122.5994	3.27089
1428	27.2593	544.6234	583.0292	559	122.5994	3.26889
1429	27.2763	563.8458	583.4323	559	122.5994	3.26689
1430	27.2933	531.6504	583.5092	558	122.5994	3.2649
1431	27.3103	570.4052	585.2418	558	122.5994	3.2629
1432	27.3273	555.5105	588.3513	558	122.5994	3.26091
1433	27.3443	566.7569	600.2173	558	122.5994	3.25892
1434	27.3613	579.2157	605.2006	558	122.5994	3.25694
1435	27.3783	560.4447	610.8516	557	122.5994	3.25495
1436	27.3953	590.6042	620.5965	557	122.5994	3.25297
1437	27.4123	649.216	638.7993	557	122.5994	3.25099
1438	27.4293	703.3415	661.7715	557	122.5994	3.24902
1439	27.4463	753.2788	701.399	556	122.5994	3.24704
1440	27.4633	871.6062	772.2052	556	122.5994	3.24507
1441	27.4803	996.5495	887.0179	556	122.5994	3.2431
1442	27.4973	1103.014	1047.23	555	122.5994	3.24114
1443	27.5143	1256.453	1239.966	554	122.5994	3.23917
1444	27.5313	1382.837	1408.112	553	122.5994	3.23721
1445	27.5483	1525.468	1464.127	552	122.5994	3.23525
1446	27.5653	1668.31	1401.065	551	122.5994	3.2333
1447	27.5823	1442.519	1306.433	550	122.5994	3.23134
1448	27.5993	1290.669	1224.263	548	122.5994	3.22939
1449	27.6163	1159.662	1132.022	547	122.5994	3.22744
1450	27.6333	1106.93	1011.85	546	122.5994	3.22549
1451	27.6503	918.9164	895.4912	545	122.5994	3.22355
1452	27.6673	805.2488	809.1996	544	122.5994	3.22161
1453	27.6843	724.4269	760.3627	543	122.5994	3.21967
1454	27.7013	670.5805	745.765	542	122.5994	3.21773
1455	27.7183	667.2166	758.4836	541	122.5994	3.2158
1456	27.7353	732.188	790.2313	540	122.5994	3.21386
1457	27.7523	823.5896	831.4585	539	122.5994	3.21193
1458	27.7693	880.2382	871.6042	538	122.5994	3.21001
1459	27.7863	967.9963	907.2765	537	122.5994	3.20808
1460	27.8033	1062.726	939.108	536	122.5994	3.20616
1461	27.8203	1159.395	966.103	535	122.5994	3.20424
1462	27.8373	1195.294	994.9127	533	122.5994	3.20232
1463	27.8543	1227.072	1042.18	532	122.5994	3.2004
1464	27.8713	1256.287	1117.692	531	122.5994	3.19849
1465	27.8883	1359.479	1224.462	530	122.5994	3.19658
1466	27.9053	1479.703	1364.113	528	122.5994	3.19467
1467	27.9223	1535.225	1530.893	526	122.5994	3.19276
1468	27.9393	1651.522	1723.371	524	122.5994	3.19086

1469	27.9563	1936.849	1908.706	522	122.5994	3.18896
1470	27.9733	2213.605	2050.523	520	122.5994	3.18706
1471	27.9903	2182.245	2115.465	518	122.5994	3.18516
1472	28.0073	2056.847	2098.728	516	122.5994	3.18327
1473	28.0243	2025.038	2009.788	514	122.5994	3.18137
1474	28.0413	1963.091	1871.378	512	122.5994	3.17948
1475	28.0583	1861.566	1700.899	510	122.5994	3.1776
1476	28.0753	1690.769	1511.606	508	122.5994	3.17571
1477	28.0923	1325.509	1319.376	506	122.5994	3.17383
1478	28.1093	1098.546	1142.212	504	122.5994	3.17195
1479	28.1263	942.0381	992.376	502	122.5994	3.17007
1480	28.1433	897.2249	873.4818	500	122.5994	3.16819
1481	28.1603	763.7963	783.6266	498	122.5994	3.16632
1482	28.1773	649.14	718.3164	496	122.5994	3.16445
1483	28.1943	591.2279	672.3534	494	122.5994	3.16258
1484	28.2113	603.388	641.0394	492	122.5994	3.16071
1485	28.2283	560.3359	621.7699	491	122.5994	3.15884
1486	28.2453	548.0241	610.0721	489	122.5994	3.15698
1487	28.2623	575.1839	605.1707	487	122.5994	3.15512
1488	28.2793	543.0767	605.2585	485	122.5994	3.15326
1489	28.2963	566.144	607.6826	483	122.5994	3.15141
1490	28.3133	547.5702	607.1799	480	122.5994	3.14955
1491	28.3303	549.8287	600.3419	477	122.5994	3.1477
1492	28.3473	582.1327	587.7804	474	122.5994	3.14585
1493	28.3643	544.339	573.6953	471	122.5994	3.14401
1494	28.3813	551.8117	560.954	469	122.5994	3.14216
1495	28.3983	514.6413	545.7968	466	122.5994	3.14032
1496	28.4153	504.1165	530.4131	463	122.5994	3.13848
1497	28.4323	473.3688	515.6492	460	122.5994	3.13664
1498	28.4493	480.2942	503.8492	458	122.5994	3.13481
1499	28.4663	460.6552	492.9493	455	122.5994	3.13297
1500	28.4833	439.9486	484.4696	452	122.5994	3.13114
1501	28.5003	433.4015	477.5116	449	122.5994	3.12931
1502	28.5173	417.1582	472.5824	447	122.5994	3.12749
1503	28.5343	391.2731	467.3111	444	122.5994	3.12566
1504	28.5513	381.7779	462.4646	441	122.5994	3.12384
1505	28.5683	395.7145	457.9095	438	122.5994	3.12202
1506	28.5853	392.6467	453.593	435	122.5994	3.1202
1507	28.6023	393.6157	450.2562	433	122.5994	3.11838
1508	28.6193	406.5465	437.6712	430	122.5994	3.11657
1509	28.6363	418.5971	434.2628	427	122.5994	3.11476
1510	28.6533	403.4977	430.9955	424	122.5994	3.11295
1511	28.6703	426.2506	428.7664	422	122.5994	3.11114
1512	28.6873	432.5038	425.7451	419	122.5994	3.10934
1513	28.7043	411.3933	418.669	416	122.5994	3.10753
1514	28.7213	400.0075	418.7826	416	122.5994	3.10573
1515	28.7383	409.3106	418.6858	416	122.5994	3.10394
1516	28.7553	418.5623	417.4712	415	122.5994	3.10214
1517	28.7723	400.3622	417.2583	415	122.5994	3.10034

1518	28.7893	400.8688	417.0586	415	122.5994	3.09855
1519	28.8063	384.5237	416.8246	415	122.5994	3.09676
1520	28.8233	385.8545	416.5674	415	122.5994	3.09497
1521	28.8403	386.4936	415.3462	414	122.5994	3.09319
1522	28.8573	364.5929	415.2028	414	122.5994	3.09141
1523	28.8743	377.3273	415.1636	414	122.5994	3.08962
1524	28.8913	402.5375	415.2557	414	122.5994	3.08784
1525	28.9083	404.8607	415.5095	414	122.5994	3.08607
1526	28.9253	391.085	414.8802	413	122.5994	3.08429
1527	28.9423	411.5043	415.2573	413	122.5994	3.08252
1528	28.9593	423.1822	415.8695	413	122.5994	3.08075
1529	28.9763	468.9326	416.2437	413	122.5994	3.07898
1530	28.9933	507.159	415.207	412	122.5994	3.07721
1531	29.0103	557.6203	414.8927	412	122.5994	3.07545
1532	29.0273	488.5601	414.493	412	122.5994	3.07369
1533	29.0443	450.7286	414.2114	412	122.5994	3.07193
1534	29.0613	470.5661	413.8523	412	122.5994	3.07017
1535	29.0783	416.2411	412.4198	411	122.5994	3.06841
1536	29.0953	428.3845	412.0132	411	122.5994	3.06666
1537	29.1123	422.015	411.6943	411	122.5994	3.0649
1538	29.1293	378.3178	411.4729	411	122.5994	3.06315
1539	29.1463	403.2808	410.3223	410	122.5994	3.06141
1540	29.1633	392.8653	410.2376	410	122.5994	3.05966
1541	29.1803	367.6152	409.1855	409	122.5994	3.05792
1542	29.1973	353.5364	409.1516	409	122.5994	3.05618
1543	29.2143	322.4723	408.1226	408	122.5994	3.05444
1544	29.2313	365.5815	408.1044	408	122.5994	3.0527
1545	29.2483	362.8099	407.0897	407	122.5994	3.05096
1546	29.2653	341.322	407.0776	407	122.5994	3.04923
1547	29.2823	338.5663	406.0677	406	122.5994	3.0475
1548	29.2993	347.1594	407.059	406	122.5994	3.04577
1549	29.3163	366.2998	407.123	406	122.5994	3.04404
1550	29.3333	361.0067	406.1961	405	122.5994	3.04231
1551	29.3503	357.0451	406.2791	405	122.5994	3.04059
1552	29.3673	356.7002	405.3734	404	122.5994	3.03887
1553	29.3843	380.9787	405.6788	404	122.5994	3.03715
1554	29.4013	387.0003	404.7945	403	122.5994	3.03543
1555	29.4183	358.7515	404.9488	403	122.5994	3.03372
1556	29.4353	344.2679	404.1252	402	122.5994	3.032
1557	29.4523	354.9071	404.3282	402	122.5994	3.03029
1558	29.4693	388.3359	403.5538	401	122.5994	3.02858
1559	29.4863	389.4788	403.829	401	122.5994	3.02688
1560	29.5033	383.1295	403.153	400	122.5994	3.02517
1561	29.5203	392.0473	403.5383	400	122.5994	3.02347
1562	29.5373	411.017	404.0021	400	122.5994	3.02177
1563	29.5543	426.8809	404.5683	400	122.5994	3.02007
1564	29.5713	415.6144	405.2722	400	122.5994	3.01837
1565	29.5883	421.3225	406.1725	400	122.5994	3.01667
1566	29.6053	403.9686	407.3798	400	122.5994	3.01498

1567	29.6223	431.9113	409.2615	400	122.5994	3.01329
1568	29.6393	440.405	412.0436	400	122.5994	3.0116
1569	29.6563	403.7974	416.7878	400	122.5994	3.00991
1570	29.6733	389.0489	424.9747	400	122.5994	3.00822
1571	29.6903	403.6241	438.3275	400	122.5994	3.00654
1572	29.7073	434.4833	457.8533	400	122.5994	3.00486
1573	29.7243	441.0082	481.7267	400	122.5994	3.00318
1574	29.7413	492.358	503.594	400	122.5994	3.0015
1575	29.7583	533.3851	512.7692	399	122.5994	2.99983
1576	29.7753	530.0431	508.5915	399	122.5994	2.99815
1577	29.7923	533.1426	500.5688	399	122.5994	2.99648
1578	29.8093	516.5613	497.3009	399	122.5994	2.99481
1579	29.8263	528.3609	499.5775	399	122.5994	2.99314
1580	29.8433	551.6605	504.3155	399	122.5994	2.99147
1581	29.8603	585.5086	511.0765	399	122.5994	2.98981
1582	29.8773	516.2844	517.9886	399	122.5994	2.98815
1583	29.8943	573.1356	517.5417	399	122.5994	2.98649
1584	29.9113	504.248	508.0454	399	122.5994	2.98483
1585	29.9283	542.9001	497.8673	399	122.5994	2.98317
1586	29.9453	546.8185	490.3434	398	122.5994	2.98152
1587	29.9623	574.3514	483.8054	398	122.5994	2.97986
1588	29.9793	526.281	471.3609	397	122.5994	2.97821
1589	29.9963	504.0784	455.8062	396	122.5994	2.97656
1590	30.0133	472.55	441.3861	395	122.5994	2.97492
1591	30.0303	477.78	430.7943	395	122.5994	2.97327
1592	30.0473	461.0438	421.8804	394	122.5994	2.97163
1593	30.0643	443.7155	415.1339	393	122.5994	2.96999
1594	30.0813	481.1591	410.0968	392	122.5994	2.96835
1595	30.0983	463.5384	407.5817	392	122.5994	2.96671
1596	30.1153	461.1168	405.2569	391	122.5994	2.96507
1597	30.1323	442.3256	404.1279	390	122.5994	2.96344
1598	30.1493	421.1049	404.1471	389	122.5994	2.96181
1599	30.1663	422.2859	405.7588	389	122.5994	2.96018
1600	30.1833	438.4044	407.9368	388	122.5994	2.95855
1601	30.2003	446.561	410.9451	387	122.5994	2.95692
1602	30.2173	453.7801	414.7648	386	122.5994	2.9553
1603	30.2343	430.7014	419.3644	386	122.5994	2.95367
1604	30.2513	434.6356	422.615	385	122.5994	2.95205
1605	30.2683	469.8374	425.3484	384	122.5994	2.95043
1606	30.2853	490.1511	429.6631	383	122.5994	2.94881
1607	30.3023	460.1394	435.9468	383	122.5994	2.9472
1608	30.3193	460.7525	441.83	382	122.5994	2.94558
1609	30.3363	454.7672	447.7018	381	122.5994	2.94397
1610	30.3533	464.9354	451.5084	380	122.5994	2.94236
1611	30.3703	526.1993	452.2377	380	122.5994	2.94075
1612	30.3873	536.8506	449.4827	379	122.5994	2.93915
1613	30.4043	548.0796	447.1354	378	122.5994	2.93754
1614	30.4213	537.238	446.002	377	122.5994	2.93594
1615	30.4383	522.3481	446.2966	377	122.5994	2.93434

1616	30.4553	537.1098	445.5656	376	122.5994	2.93274
1617	30.4723	564.7163	445.0328	375	122.5994	2.93114
1618	30.4893	548.7947	443.7215	374	122.5994	2.92955
1619	30.5063	577.6065	440.8737	374	122.5994	2.92795
1620	30.5233	589.6999	434.4432	373	122.5994	2.92636
1621	30.5403	561.787	427.3526	372	122.5994	2.92477
1622	30.5573	466.3093	420.207	371	122.5994	2.92318
1623	30.5743	438.516	413.4703	371	122.5994	2.9216
1624	30.5913	484.3404	405.4119	370	122.5994	2.92001
1625	30.6083	455.6432	397.8804	369	122.5994	2.91843
1626	30.6253	394.2723	391.398	368	122.5994	2.91685
1627	30.6423	376.5953	387.0162	368	122.5994	2.91527
1628	30.6593	391.672	382.7986	367	122.5994	2.91369
1629	30.6763	338.6717	380.1132	366	122.5994	2.91211
1630	30.6933	342.0328	378.795	365	122.5994	2.91054
1631	30.7103	340.171	379.9124	365	122.5994	2.90897
1632	30.7273	363.5273	381.8965	364	122.5994	2.9074
1633	30.7443	383.2701	386.641	363	122.5994	2.90583
1634	30.7613	351.166	394.8395	362	122.5994	2.90426
1635	30.7783	383.5508	406.1672	361	122.5994	2.9027
1636	30.7953	391.0919	419.4166	361	122.5994	2.90113
1637	30.8123	438.4987	429.9643	360	122.5994	2.89957
1638	30.8293	433.1518	437.8599	359	122.5994	2.89801
1639	30.8463	444.3435	444.2553	358	122.5994	2.89645
1640	30.8633	434.0541	449.5181	357	122.5994	2.89489
1641	30.8803	442.2569	451.4128	357	122.5994	2.89334
1642	30.8973	421.7924	445.0194	356	122.5994	2.89179
1643	30.9143	400.5005	432.4459	355	122.5994	2.89023
1644	30.9313	379.6616	418.8357	354	122.5994	2.88868
1645	30.9483	395.5678	407.9919	354	122.5994	2.88714
1646	30.9653	383.4721	397.3286	353	122.5994	2.88559
1647	30.9823	371.5641	386.6151	352	122.5994	2.88405
1648	30.9993	368.1332	376.4547	351	122.5994	2.8825
1649	31.0163	367.2254	368.0258	350	122.5994	2.88096
1650	31.0333	361.0067	362.8013	350	122.5994	2.87942
1651	31.0503	335.2913	358.544	349	122.5994	2.87788
1652	31.0673	324.8397	355.4877	348	122.5994	2.87635
1653	31.0843	336.5664	353.5118	347	122.5994	2.87481
1654	31.1013	345.4042	352.0671	346	122.5994	2.87328
1655	31.1183	338.2209	351.8939	346	122.5994	2.87175
1656	31.1353	341.0722	351.0642	345	122.5994	2.87022
1657	31.1523	356.8327	350.2104	344	122.5994	2.86869
1658	31.1693	343.9701	350.8251	344	122.5994	2.86717
1659	31.1863	334.8963	351.7186	344	122.5994	2.86564
1660	31.2033	374.6477	352.5306	344	122.5994	2.86412
1661	31.2203	380.7601	353.8571	344	122.5994	2.8626
1662	31.2373	411.8159	355.1959	344	122.5994	2.86108
1663	31.2543	384.944	356.1298	344	122.5994	2.85956
1664	31.2713	409.8256	357.9687	345	122.5994	2.85805

1665	31.2883	423.5587	358.783	345	122.5994	2.85653
1666	31.3053	417.6057	360.0218	345	122.5994	2.85502
1667	31.3223	412.6765	362.0317	345	122.5994	2.85351
1668	31.3393	448.1904	365.4713	345	122.5994	2.852
1669	31.3563	442.4152	370.2934	345	122.5994	2.85049
1670	31.3733	480.1676	376.1508	345	122.5994	2.84899
1671	31.3903	424.5801	381.3566	345	122.5994	2.84748
1672	31.4073	444.0635	383.7866	345	122.5994	2.84598
1673	31.4243	436.9758	383.5743	345	122.5994	2.84448
1674	31.4413	432.6619	382.4201	345	122.5994	2.84298
1675	31.4583	470.2764	381.6726	346	122.5994	2.84148
1676	31.4753	437.3208	378.6816	346	122.5994	2.83999
1677	31.4923	452.6573	374.3225	346	122.5994	2.83849
1678	31.5093	496.3371	369.5193	346	122.5994	2.837
1679	31.5263	437.2551	365.1286	346	122.5994	2.83551
1680	31.5433	433.8565	361.2519	346	122.5994	2.83402
1681	31.5603	381.8802	358.0012	346	122.5994	2.83253
1682	31.5773	373.9434	355.7093	346	122.5994	2.83105
1683	31.5943	389.7168	354.5897	346	122.5994	2.82956
1684	31.6113	347.5114	354.7944	346	122.5994	2.82808
1685	31.6283	356.994	356.0819	346	122.5994	2.8266
1686	31.6453	364.7721	358.1954	346	122.5994	2.82512
1687	31.6623	344.3154	360.326	346	122.5994	2.82364
1688	31.6793	330.2585	362.2852	347	122.5994	2.82216
1689	31.6963	362.013	361.7401	347	122.5994	2.82069
1690	31.7133	372.3582	360.6514	347	122.5994	2.81922
1691	31.7303	361.3598	359.7328	347	122.5994	2.81774
1692	31.7473	359.9375	358.8297	347	122.5994	2.81627
1693	31.7643	344.4619	357.4646	347	122.5994	2.81481
1694	31.7813	343.8409	355.6485	347	122.5994	2.81334
1695	31.7983	334.5043	353.8287	347	122.5994	2.81187
1696	31.8153	322.1038	352.2899	347	122.5994	2.81041
1697	31.8323	331.1262	351.0911	347	122.5994	2.80895
1698	31.8493	340.4597	350.2276	347	122.5994	2.80749
1699	31.8663	326.7731	350.6544	348	122.5994	2.80603
1700	31.8833	321.2603	350.3073	348	122.5994	2.80457
1701	31.9003	349.107	350.1614	348	122.5994	2.80311
1702	31.9173	351.2978	350.266	348	122.5994	2.80166
1703	31.9343	351.5024	350.5091	348	122.5994	2.80021
1704	31.9513	347.6093	350.8694	348	122.5994	2.79876
1705	31.9683	337.3713	351.1999	348	122.5994	2.79731
1706	31.9853	355.3996	350.2352	347	122.5994	2.79586
1707	32.0023	359.4041	350.2822	347	122.5994	2.79441
1708	32.0193	341.001	349.4044	346	122.5994	2.79297
1709	32.0363	343.1578	348.6525	345	122.5994	2.79152
1710	32.0533	375.4741	348.9312	345	122.5994	2.79008
1711	32.0703	377.9391	348.185	344	122.5994	2.78864
1712	32.0873	351.5706	347.541	343	122.5994	2.7872
1713	32.1043	368.1826	348.8706	343	122.5994	2.78577

1714	32.1213	349.7095	350.1235	342	122.5994	2.78433
1715	32.1383	369.3253	353.0624	341	122.5994	2.7829
1716	32.1553	362.1088	358.876	341	122.5994	2.78147
1717	32.1723	343.7598	364.6703	340	122.5994	2.78003
1718	32.1893	363.5017	369.3462	339	122.5994	2.7786
1719	32.2063	353.8043	370.1965	339	122.5994	2.77718
1720	32.2233	387.6705	365.9125	338	122.5994	2.77575
1721	32.2403	353.2782	361.2365	337	122.5994	2.77433
1722	32.2573	327.5786	359.0746	337	122.5994	2.7729
1723	32.2743	330.2594	356.5993	336	122.5994	2.77148
1724	32.2913	376.2182	352.9187	335	122.5994	2.77006
1725	32.3083	326.0331	349.0806	335	122.5994	2.76864
1726	32.3253	344.7259	344.4962	334	122.5994	2.76722
1727	32.3423	335.3609	341.0118	333	122.5994	2.76581
1728	32.3593	336.2942	339.8908	333	122.5994	2.76439
1729	32.3763	323.9689	339.284	332	122.5994	2.76298
1730	32.3933	329.1469	340.4723	331	122.5994	2.76157
1731	32.4103	347.2523	343.8886	330	122.5994	2.76016
1732	32.4273	338.5275	348.6531	328	122.5994	2.75875
1733	32.4443	339.5877	355.767	327	122.5994	2.75735
1734	32.4613	333.8855	361.1392	326	122.5994	2.75594
1735	32.4783	307.8658	359.838	324	122.5994	2.75454
1736	32.4953	304.0064	354.7368	323	122.5994	2.75313
1737	32.5123	304.5837	349.2964	322	122.5994	2.75173
1738	32.5293	295.055	345.7052	321	122.5994	2.75033
1739	32.5463	323.3217	342.9351	320	122.5994	2.74894
1740	32.5633	311.0122	337.6768	318	122.5994	2.74754
1741	32.5803	299.6977	331.9279	317	122.5994	2.74615
1742	32.5973	315.452	326.3355	316	122.5994	2.74475
1743	32.6143	318.0398	320.8378	314	122.5994	2.74336
1744	32.6313	294.087	317.5664	313	122.5994	2.74197
1745	32.6483	288.8826	315.2572	312	122.5994	2.74058
1746	32.6653	298.7658	313.5472	311	122.5994	2.73919
1747	32.6823	305.8285	312.1657	310	122.5994	2.73781
1748	32.6993	298.6554	309.9301	308	122.5994	2.73642
1749	32.7163	326.4038	308.7318	307	122.5994	2.73504
1750	32.7333	325.3578	307.53	306	122.5994	2.73366
1751	32.7503	304.1117	305.3414	304	122.5994	2.73228
1752	32.7673	290.0946	304.1891	303	122.5994	2.7309
1753	32.7843	317.3647	303.0666	302	122.5994	2.72952
1754	32.8013	308.2701	302.9782	302	122.5994	2.72815
1755	32.8183	284.2423	302.7852	302	122.5994	2.72677
1756	32.8353	283.9772	301.6805	301	122.5994	2.7254
1757	32.8523	329.9778	301.5918	301	122.5994	2.72403
1758	32.8693	333.3643	301.5216	301	122.5994	2.72266
1759	32.8863	334.2981	301.4777	301	122.5994	2.72129
1760	32.9033	310.5956	301.2195	301	122.5994	2.71992
1761	32.9203	294.1996	300.2038	300	122.5994	2.71856
1762	32.9373	280.4132	300.0797	300	122.5994	2.71719

1763	32.9543	297.4607	300.0815	300	122.5994	2.71583
1764	32.9713	312.3959	300.0848	300	122.5994	2.71447
1765	32.9883	283.6163	300.0894	300	122.5994	2.71311
1766	33.0053	292.1402	300.0953	300	122.5994	2.71175
1767	33.0223	285.6641	299.1026	299	122.5994	2.71039
1768	33.0393	303.5638	299.1115	299	122.5994	2.70904
1769	33.0563	339.7717	299.1223	299	122.5994	2.70768
1770	33.0733	283.1263	299.1353	299	122.5994	2.70633
1771	33.0903	297.8711	299.1513	299	122.5994	2.70498
1772	33.1073	322.6778	298.246	298	122.5994	2.70363
1773	33.1243	339.9798	298.2749	298	122.5994	2.70228
1774	33.1413	327.2259	298.3153	298	122.5994	2.70093
1775	33.1583	340.4535	298.3699	298	122.5994	2.69958
1776	33.1753	312.5844	298.4482	298	122.5994	2.69824
1777	33.1923	313.5288	298.6024	298	122.5994	2.6969
1778	33.2093	334.5934	297.7793	297	122.5994	2.69556
1779	33.2263	349.6019	298.0321	297	122.5994	2.69422
1780	33.2433	327.6537	298.3663	297	122.5994	2.69288
1781	33.2603	324.359	298.7722	297	122.5994	2.69154
1782	33.2773	312.3683	299.2106	297	122.5994	2.6902
1783	33.2943	305.125	298.8398	296	122.5994	2.68887
1784	33.3113	313.6008	299.5593	296	122.5994	2.68753
1785	33.3283	316.3516	300.6012	296	122.5994	2.6862
1786	33.3453	306.8848	301.9067	296	122.5994	2.68487
1787	33.3623	307.3088	302.9991	296	122.5994	2.68354
1788	33.3793	308.526	302.3857	295	122.5994	2.68221
1789	33.3963	314.5102	302.1104	295	122.5994	2.68089
1790	33.4133	332.973	301.8357	295	122.5994	2.67956
1791	33.4303	320.1241	302.1217	295	122.5994	2.67824
1792	33.4473	300.9414	303.0674	295	122.5994	2.67692
1793	33.4643	315.0393	303.4864	294	122.5994	2.6756
1794	33.4813	317.3224	305.1065	294	122.5994	2.67428
1795	33.4983	293.2127	306.5148	294	122.5994	2.67296
1796	33.5153	303.7211	306.8912	294	122.5994	2.67164
1797	33.5323	303.3735	305.927	294	122.5994	2.67033
1798	33.5493	312.1431	304.4774	294	122.5994	2.66901
1799	33.5663	310.7341	302.3828	293	122.5994	2.6677
1800	33.5833	291.6124	301.7562	293	122.5994	2.66639
1801	33.6003	295.6264	301.1359	293	122.5994	2.66508
1802	33.6173	283.9443	302.1659	295	122.5994	2.66377
1803	33.6343	289.3041	303.0939	297	122.5994	2.66246
1804	33.6513	309.0257	305.3013	300	122.5994	2.66115
1805	33.6683	290.6918	307.001	302	122.5994	2.65985
1806	33.6853	302.9232	309.3611	304	122.5994	2.65855
1807	33.7023	318.3755	312.5926	306	122.5994	2.65724
1808	33.7193	333.119	316.99	308	122.5994	2.65594
1809	33.7363	302.8426	322.2185	310	122.5994	2.65464
1810	33.7533	335.5029	328.8327	313	122.5994	2.65335
1811	33.7703	324.8527	333.6407	315	122.5994	2.65205

1812	33.7873	320.5012	336.3445	317	122.5994	2.65075
1813	33.8043	331.1484	337.3612	319	122.5994	2.64946
1814	33.8213	306.6419	337.9465	321	122.5994	2.64817
1815	33.8383	353.0321	338.9582	323	122.5994	2.64687
1816	33.8553	340.493	341.1967	326	122.5994	2.64558
1817	33.8723	373.6263	342.059	328	122.5994	2.6443
1818	33.8893	343.6117	342.4788	330	122.5994	2.64301
1819	33.9063	385.7727	342.9817	332	122.5994	2.64172
1820	33.9233	343.2921	343.9176	334	122.5994	2.64044
1821	33.9403	370.621	345.3019	336	122.5994	2.63915
1822	33.9573	357.6505	347.9947	339	122.5994	2.63787
1823	33.9743	342.2172	349.7983	341	122.5994	2.63659
1824	33.9913	349.0777	351.5579	343	122.5994	2.63531
1825	34.0083	364.1178	353.25	345	122.5994	2.63403
1826	34.0253	331.7775	353.9459	346	122.5994	2.63275
1827	34.0423	318.5151	355.7455	348	122.5994	2.63148
1828	34.0593	324.5454	356.7964	349	122.5994	2.6302
1829	34.0763	310.9727	358.4336	350	122.5994	2.62893
1830	34.0933	322.1867	360.9144	351	122.5994	2.62766
1831	34.1103	341.3794	364.5578	352	122.5994	2.62639
1832	34.1273	337.2235	370.1069	354	122.5994	2.62512
1833	34.1443	331.5928	374.2851	355	122.5994	2.62385
1834	34.1613	347.2125	376.1501	356	122.5994	2.62258
1835	34.1783	344.8579	376.1408	358	122.5994	2.62132
1836	34.1953	343.8844	374.5182	359	122.5994	2.62005
1837	34.2123	353.4061	374.0708	360	122.5994	2.61879
1838	34.2293	345.5895	374.6927	361	122.5994	2.61753
1839	34.2463	330.6414	375.4212	362	122.5994	2.61627
1840	34.2633	323.9689	376.5153	364	122.5994	2.61501
1841	34.2803	337.0002	377.2144	365	122.5994	2.61375
1842	34.2973	339.1581	379.3782	366	122.5994	2.61249
1843	34.3143	344.3045	384.3318	368	122.5994	2.61124
1844	34.3313	339.9696	389.162	369	122.5994	2.60998
1845	34.3483	360.2731	392.563	370	122.5994	2.60873
1846	34.3653	361.8805	392.798	371	122.5994	2.60748
1847	34.3823	359.9008	391.08	372	122.5994	2.60623
1848	34.3993	384.0381	390.9559	374	122.5994	2.60498
1849	34.4163	371.251	391.4241	375	122.5994	2.60373
1850	34.4333	361.7899	391.5184	375	122.5994	2.60249
1851	34.4503	398.9222	392.2944	376	122.5994	2.60124
1852	34.4673	347.5375	392.3129	376	122.5994	2.6
1853	34.4843	353.8668	395.1678	377	122.5994	2.59875
1854	34.5013	377.2122	399.679	377	122.5994	2.59751
1855	34.5183	380.3007	406.4157	377	122.5994	2.59627
1856	34.5353	352.3212	412.9773	378	122.5994	2.59503
1857	34.5523	396.6524	413.8033	378	122.5994	2.5938
1858	34.5693	403.886	411.4126	379	122.5994	2.59256
1859	34.5863	361.942	408.1451	379	122.5994	2.59132
1860	34.6033	368.6793	407.7177	379	122.5994	2.59009

1861	34.6203	372.5323	410.9571	380	122.5994	2.58886
1862	34.6373	376.2483	413.7184	380	122.5994	2.58762
1863	34.6543	371.4879	416.3745	381	122.5994	2.58639
1864	34.6713	354.7448	416.7633	381	122.5994	2.58516
1865	34.6883	331.5334	415.2512	381	122.5994	2.58394
1866	34.7053	365.3487	413.1438	382	122.5994	2.58271
1867	34.7223	363.0178	410.057	382	122.5994	2.58148
1868	34.7393	337.5962	408.337	383	122.5994	2.58026
1869	34.7563	376.2717	406.0033	383	122.5994	2.57904
1870	34.7733	396.3235	403.5715	383	122.5994	2.57781
1871	34.7903	368.259	401.7078	384	122.5994	2.57659
1872	34.8073	416.1201	398.9536	384	122.5994	2.57537
1873	34.8243	405.1276	396.3224	384	122.5994	2.57416
1874	34.8413	385.8283	394.9938	385	122.5994	2.57294
1875	34.8583	406.7055	393.3642	385	122.5994	2.57172
1876	34.8753	389.3079	393.5336	386	122.5994	2.57051
1877	34.8923	372.2795	393.3978	386	122.5994	2.56929
1878	34.9093	414.2573	393.9117	386	122.5994	2.56808
1879	34.9263	435.8329	396.1597	387	122.5994	2.56687
1880	34.9433	417.8747	398.5641	387	122.5994	2.56566
1881	34.9603	443.1265	403.7241	388	122.5994	2.56445
1882	34.9773	446.9396	410.9743	388	122.5994	2.56325
1883	34.9943	422.3352	421.7906	388	122.5994	2.56204
1884	35.0113	424.3193	437.7214	389	122.5994	2.56083
1885	35.0283	451.728	454.7935	389	122.5994	2.55963
1886	35.0453	439.944	471.1183	390	122.5994	2.55843
1887	35.0623	419.1624	483.0399	390	122.5994	2.55723
1888	35.0793	417.039	488.6237	390	122.5994	2.55603
1889	35.0963	427.4434	487.2302	391	122.5994	2.55483
1890	35.1133	439.568	478.8273	391	122.5994	2.55363
1891	35.1303	452.249	469.677	392	122.5994	2.55243
1892	35.1473	420.8426	460.7602	392	122.5994	2.55124
1893	35.1643	398.3932	453.2661	392	122.5994	2.55004
1894	35.1813	407.7145	445.7788	393	122.5994	2.54885
1895	35.1983	427.5965	435.7445	393	122.5994	2.54766
1896	35.2153	416.7067	426.8716	394	122.5994	2.54647
1897	35.2323	415.3805	419.3939	394	122.5994	2.54528
1898	35.2493	352.7681	415.1614	394	122.5994	2.54409
1899	35.2663	344.7273	412.9772	393	122.5994	2.5429
1900	35.2833	355.6751	414.3658	393	122.5994	2.54171
1901	35.3003	360.5143	418.0024	393	122.5994	2.54053
1902	35.3173	381.9508	422.1716	392	122.5994	2.53934
1903	35.3343	395.072	428.0417	392	122.5994	2.53816
1904	35.3513	392.2189	434.3937	392	122.5994	2.53698
1905	35.3683	411.481	439.1645	391	122.5994	2.5358
1906	35.3853	372.9082	441.7054	391	122.5994	2.53462
1907	35.4023	444.7555	440.0752	391	122.5994	2.53344
1908	35.4193	403.4357	436.0274	390	122.5994	2.53226
1909	35.4363	385.3904	434.9423	390	122.5994	2.53109

1910	35.4533	408.3025	436.2144	390	122.5994	2.52991
1911	35.4703	410.2174	436.5182	389	122.5994	2.52874
1912	35.4873	396.2873	434.9378	389	122.5994	2.52757
1913	35.5043	422.3761	431.341	389	122.5994	2.5264
1914	35.5213	382.8703	427.569	388	122.5994	2.52523
1915	35.5383	381.4501	426.4589	388	122.5994	2.52406
1916	35.5553	396.7665	426.0158	388	122.5994	2.52289
1917	35.5723	372.0984	423.996	387	122.5994	2.52172
1918	35.5893	377.5609	421.7403	387	122.5994	2.52056
1919	35.6063	371.8938	418.9809	387	122.5994	2.51939
1920	35.6233	419.3097	415.9552	386	122.5994	2.51823
1921	35.6403	416.7481	414.7858	386	122.5994	2.51707
1922	35.6573	396.6465	413.9247	386	122.5994	2.51591
1923	35.6743	451.3071	411.6253	385	122.5994	2.51475
1924	35.6913	452.6467	410.0961	385	122.5994	2.51359
1925	35.7083	436.8682	408.635	385	122.5994	2.51243
1926	35.7253	421.3515	407.065	384	122.5994	2.51127
1927	35.7423	394.8074	407.0092	384	122.5994	2.51012
1928	35.7593	401.0179	406.9012	384	122.5994	2.50896
1929	35.7763	422.0792	405.4896	383	122.5994	2.50781
1930	35.7933	418.2208	404.0521	383	122.5994	2.50666
1931	35.8103	403.7688	402.6736	383	122.5994	2.50551
1932	35.8273	384.9771	400.7026	382	122.5994	2.50436
1933	35.8443	379.0997	400.6058	382	122.5994	2.50321
1934	35.8613	393.4825	401.9355	382	122.5994	2.50206
1935	35.8783	373.8438	403.4138	381	122.5994	2.50091
1936	35.8953	352.4085	406.4338	381	122.5994	2.49977
1937	35.9123	364.684	409.9732	381	122.5994	2.49862
1938	35.9293	385.6897	412.1396	380	122.5994	2.49748
1939	35.9463	392.0923	413.6742	380	122.5994	2.49634
1940	35.9633	350.85	417.1183	380	122.5994	2.4952
1941	35.9803	357.0435	416.3091	379	122.5994	2.49406
1942	35.9973	373.673	418.2755	379	122.5994	2.49292
1943	36.0143	398.0172	421.9977	379	122.5994	2.49178
1944	36.0313	366.3329	424.6212	378	122.5994	2.49064
1945	36.0483	366.6356	427.2874	378	122.5994	2.48951
1946	36.0653	395.2311	423.3533	377	122.5994	2.48837
1947	36.0823	372.748	418.1071	377	122.5994	2.48724
1948	36.0993	345.0614	412.254	376	122.5994	2.48611
1949	36.1163	391.4202	408.0937	375	122.5994	2.48498
1950	36.1333	373.9762	406.2359	375	122.5994	2.48385
1951	36.1503	376.2426	403.4625	374	122.5994	2.48272
1952	36.1673	357.5901	400.0106	373	122.5994	2.48159
1953	36.1843	391.9948	396.4306	372	122.5994	2.48046
1954	36.2013	325.0811	394.5265	372	122.5994	2.47934
1955	36.2183	375.5888	392.695	371	122.5994	2.47821
1956	36.2353	354.8091	392.0018	370	122.5994	2.47709
1957	36.2523	322.5697	393.4027	370	122.5994	2.47597
1958	36.2693	344.0357	394.8021	369	122.5994	2.47485

1959	36.2863	329.9421	397.0945	368	122.5994	2.47372
1960	36.3033	348.8421	401.1194	368	122.5994	2.47261
1961	36.3203	366.7601	404.8776	367	122.5994	2.47149
1962	36.3373	369.0951	410.0097	366	122.5994	2.47037
1963	36.3543	342.5362	418.3246	366	122.5994	2.46925
1964	36.3713	352.7676	427.8016	365	122.5994	2.46814
1965	36.3883	352.4035	438.4744	364	122.5994	2.46702
1966	36.4053	388.7079	448.5993	363	122.5994	2.46591
1967	36.4223	397.3298	459.9991	363	122.5994	2.4648
1968	36.4393	453.4091	475.1364	362	122.5994	2.46369
1969	36.4563	489.9997	500.8738	361	122.5994	2.46258
1970	36.4733	517.9623	545.8562	361	122.5994	2.46147
1971	36.4903	607.8893	620.5103	360	122.5994	2.46036
1972	36.5073	727.8981	743.0985	359	122.5994	2.45926
1973	36.5243	893.5444	927.9456	359	122.5994	2.45815
1974	36.5413	1096.121	1165.213	358	122.5994	2.45705
1975	36.5583	1372.821	1405.043	357	122.5994	2.45594
1976	36.5753	1710.676	1544.231	357	122.5994	2.45484
1977	36.5923	1876.418	1506.233	356	122.5994	2.45374
1978	36.6093	1713.168	1361.077	355	122.5994	2.45264
1979	36.6263	1335.053	1225.046	354	122.5994	2.45154
1980	36.6433	1092.412	1149.599	354	122.5994	2.45044
1981	36.6603	1068.396	1109.169	353	122.5994	2.44934
1982	36.6773	1147.754	1039.42	352	122.5994	2.44825
1983	36.6943	1118.115	913.9213	352	122.5994	2.44715
1984	36.7113	925.449	767.8867	351	122.5994	2.44606
1985	36.7283	697.5159	640.1209	350	122.5994	2.44496
1986	36.7453	561.6596	546.35	350	122.5994	2.44387
1987	36.7623	506.9972	483.934	349	122.5994	2.44278
1988	36.7793	464.4228	445.6475	348	122.5994	2.44169
1989	36.7963	434.2358	423.4666	348	122.5994	2.4406
1990	36.8133	402.601	408.4746	347	122.5994	2.43951
1991	36.8303	392.8175	398.2383	346	122.5994	2.43843
1992	36.8473	388.6888	390.5583	345	122.5994	2.43734
1993	36.8643	371.4044	385.2408	345	122.5994	2.43626
1994	36.8813	361.8665	378.5408	343	122.5994	2.43517
1995	36.8983	367.8671	373.4154	342	122.5994	2.43409
1996	36.9153	340.8645	369.0379	341	122.5994	2.43301
1997	36.9323	370.6403	365.4144	340	122.5994	2.43193
1998	36.9493	346.8562	361.3723	338	122.5994	2.43085
1999	36.9663	349.6177	358.7046	337	122.5994	2.42977
2000	36.9833	350.1615	356.4595	336	122.5994	2.42869
2001	37.0003	386.5637	353.9931	334	122.5994	2.42761
2002	37.0173	344.7772	353.6654	333	122.5994	2.42654
2003	37.0343	386.2939	354.545	332	122.5994	2.42546
2004	37.0513	361.5955	356.1208	331	122.5994	2.42439
2005	37.0683	334.2889	356.025	329	122.5994	2.42331
2006	37.0853	355.0807	354.7288	328	122.5994	2.42224
2007	37.1023	346.5628	351.4268	327	122.5994	2.42117

2008	37.1193	362.4245	347.6455	326	122.5994	2.4201
2009	37.1363	334.1873	343.7878	324	122.5994	2.41903
2010	37.1533	336.2295	341.8458	323	122.5994	2.41797
2011	37.1703	345.3011	340.0063	322	122.5994	2.4169
2012	37.1873	322.3179	336.4726	320	122.5994	2.41583
2013	37.2043	313.4169	330.0038	319	122.5994	2.41477
2014	37.2213	289.6712	327.5282	318	122.5994	2.4137
2015	37.2383	319.2507	325.9031	317	122.5994	2.41264
2016	37.2553	323.6503	324.5543	315	122.5994	2.41158
2017	37.2723	312.3981	323.6236	314	122.5994	2.41052
2018	37.2893	311.2025	325.6626	313	122.5994	2.40946
2019	37.3063	305.7396	327.9432	312	122.5994	2.4084
2020	37.3233	334.0242	328.7402	311	122.5994	2.40734
2021	37.3403	347.6367	328.3571	310	122.5994	2.40628
2022	37.3573	324.0911	327.8918	309	122.5994	2.40523
2023	37.3743	320.4527	327.6746	308	122.5994	2.40417
2024	37.3913	314.762	327.2553	307	122.5994	2.40312
2025	37.4083	302.0901	325.6472	306	122.5994	2.40207
2026	37.4253	291.9771	322.662	305	122.5994	2.40101
2027	37.4423	320.4928	319.3324	304	122.5994	2.39996
2028	37.4593	344.572	316.4159	303	122.5994	2.39891
2029	37.4763	336.5795	313.9452	302	122.5994	2.39786
2030	37.4933	328.8254	311.6164	301	122.5994	2.39682
2031	37.5103	313.17	309.4484	300	122.5994	2.39577
2032	37.5273	328.8213	307.6448	299	122.5994	2.39472
2033	37.5443	335.9585	306.5465	298	122.5994	2.39368
2034	37.5613	351.4319	306.2238	297	122.5994	2.39263
2035	37.5783	297.4043	306.57	296	122.5994	2.39159
2036	37.5953	319.9913	307.4314	295	122.5994	2.39055
2037	37.6123	346.0984	308.5077	294	122.5994	2.38951
2038	37.6293	325.4721	309.3509	293	122.5994	2.38847
2039	37.6463	332.6891	309.6382	292	122.5994	2.38743
2040	37.6633	309.967	309.0287	291	122.5994	2.38639
2041	37.6803	335.0798	308.3886	291	122.5994	2.38535
2042	37.6973	348.7072	306.4894	290	122.5994	2.38431
2043	37.7143	346.2443	305.3116	289	122.5994	2.38328
2044	37.7313	353.0903	305.3074	288	122.5994	2.38224
2045	37.7483	328.1909	306.6347	287	122.5994	2.38121
2046	37.7653	309.7951	308.898	286	122.5994	2.38018
2047	37.7823	302.8088	311.1406	285	122.5994	2.37914
2048	37.7993	306.2206	311.8177	284	122.5994	2.37811
2049	37.8163	306.7511	309.5351	283	122.5994	2.37708
2050	37.8333	313.2599	305.3544	282	122.5994	2.37605
2051	37.8503	312.5683	301.6497	281	122.5994	2.37503
2052	37.8673	306.2206	299.8849	280	122.5994	2.374
2053	37.8843	306.2908	299.5836	279	122.5994	2.37297
2054	37.9013	303.8271	299.0359	278	122.5994	2.37195
2055	37.9183	295.7541	296.625	277	122.5994	2.37092
2056	37.9353	308.2892	292.6493	276	122.5994	2.3699

2057	37.9523	303.5596	288.4839	275	122.5994	2.36888
2058	37.9693	295.7826	284.9423	274	122.5994	2.36786
2059	37.9863	265.6645	282.2166	273	122.5994	2.36684
2060	38.0033	272.7023	280.0283	272	122.5994	2.36582
2061	38.0203	278.3607	277.9733	271	122.5994	2.3648
2062	38.0373	258.1972	275.9106	270	122.5994	2.36378
2063	38.0543	270.97	273.9167	269	122.5994	2.36276
2064	38.0713	270.4017	272.0808	268	122.5994	2.36175
2065	38.0883	250.4192	270.5745	267	122.5994	2.36073
2066	38.1053	273.1517	270.2315	267	122.5994	2.35972
2067	38.1223	285.136	271.1046	268	122.5994	2.3587
2068	38.1393	270.7262	271.1069	268	122.5994	2.35769
2069	38.1563	265.7028	272.113	269	122.5994	2.35668
2070	38.1733	262.475	271.9318	269	122.5994	2.35567
2071	38.1903	269.4824	272.9293	270	122.5994	2.35466
2072	38.2073	279.2751	272.8893	270	122.5994	2.35365
2073	38.2243	280.3287	273.0697	270	122.5994	2.35264
2074	38.2413	274.8581	274.1508	271	122.5994	2.35164
2075	38.2583	295.7237	274.043	271	122.5994	2.35063
2076	38.2753	287.6285	274.87	272	122.5994	2.34963
2077	38.2923	266.8339	274.8387	272	122.5994	2.34862
2078	38.3093	283.0738	275.0233	272	122.5994	2.34762
2079	38.3263	268.7854	276.5864	273	122.5994	2.34662
2080	38.3433	276.1115	277.4785	273	122.5994	2.34562
2081	38.3603	287.3087	279.8131	274	122.5994	2.34462
2082	38.3773	281.1986	280.8023	274	122.5994	2.34362
2083	38.3943	292.3704	282.253	275	122.5994	2.34262
2084	38.4113	281.9414	281.9816	275	122.5994	2.34162
2085	38.4283	259.7007	281.3792	275	122.5994	2.34062
2086	38.4453	258.7404	282.0545	276	122.5994	2.33963
2087	38.4623	300.7818	282.0194	276	122.5994	2.33863
2088	38.4793	284.505	283.2485	277	122.5994	2.33764
2089	38.4963	294.8724	283.4591	277	122.5994	2.33664
2090	38.5133	295.8116	283.5859	277	122.5994	2.33565
2091	38.5303	302.5166	284.929	278	122.5994	2.33466
2092	38.5473	279.1552	286.0337	278	122.5994	2.33367
2093	38.5643	262.8386	289.2084	279	122.5994	2.33268
2094	38.5813	292.497	292.8972	279	122.5994	2.33169
2095	38.5983	294.3956	299.1726	280	122.5994	2.3307
2096	38.6153	273.1516	305.2773	280	122.5994	2.32972
2097	38.6323	321.8865	310.3633	280	122.5994	2.32873
2098	38.6493	301.9721	313.2992	281	122.5994	2.32775
2099	38.6663	293.8925	313.162	281	122.5994	2.32676
2100	38.6833	286.7569	315.336	282	122.5994	2.32578
2101	38.7003	309.0838	319.3493	282	122.5994	2.3248
2102	38.7173	304.0803	324.5697	282	122.5994	2.32381
2103	38.7343	294.325	327.6628	283	122.5994	2.32283
2104	38.7513	287.2912	323.6984	283	122.5994	2.32185
2105	38.7683	284.105	317.4914	284	122.5994	2.32087

2106	38.7853	279.3447	311.1758	284	122.5994	2.3199
2107	38.8023	271.7822	308.3607	285	122.5994	2.31892
2108	38.8193	302.7352	306.4516	285	122.5994	2.31794
2109	38.8363	295.8116	304.3948	285	122.5994	2.31697
2110	38.8533	293.2947	302.032	286	122.5994	2.31599
2111	38.8703	284.9353	298.2428	286	122.5994	2.31502
2112	38.8873	277.5254	295.9519	287	122.5994	2.31405
2113	38.9043	284.5049	293.5768	287	122.5994	2.31307
2114	38.9213	300.6397	293.0906	288	122.5994	2.3121
2115	38.9383	289.7857	293.29	289	122.5994	2.31113
2116	38.9553	277.2875	294.0014	290	122.5994	2.31016
2117	38.9723	271.813	295.1941	291	122.5994	2.30919
2118	38.9893	282.6799	296.6268	292	122.5994	2.30823
2119	39.0063	289.5844	298.5254	293	122.5994	2.30726
2120	39.0233	294.3814	301.0617	294	122.5994	2.30629
2121	39.0403	286.0186	304.3667	295	122.5994	2.30533
2122	39.0573	269.3187	308.3056	296	122.5994	2.30436
2123	39.0743	299.2954	317.2688	297	122.5994	2.3034
2124	39.0913	293.3838	320.6307	298	122.5994	2.30244
2125	39.1083	286.9487	322.6014	299	122.5994	2.30148
2126	39.1253	272.1428	324.1805	300	122.5994	2.30052
2127	39.1423	301.1224	326.4511	301	122.5994	2.29956
2128	39.1593	324.2155	329.4145	302	122.5994	2.2986
2129	39.1763	321.9894	334.3483	303	122.5994	2.29764
2130	39.1933	300.5236	335.29	304	122.5994	2.29668
2131	39.2103	284.5945	334.7802	305	122.5994	2.29572
2132	39.2273	311.6643	334.2435	306	122.5994	2.29477
2133	39.2443	286.6171	334.7316	307	122.5994	2.29381
2134	39.2613	332.6426	336.5056	308	122.5994	2.29286
2135	39.2783	321.9078	339.3253	309	122.5994	2.29191
2136	39.2953	323.8177	343.2843	310	122.5994	2.29095
2137	39.3123	348.5993	348.9144	311	122.5994	2.29
2138	39.3293	353.4131	355.7177	311	122.5994	2.28905
2139	39.3463	349.7229	364.2008	311	122.5994	2.2881
2140	39.3633	388.2341	372.5669	311	122.5994	2.28715
2141	39.3803	394.5739	378.2075	311	122.5994	2.2862
2142	39.3973	452.0894	380.4325	311	122.5994	2.28526
2143	39.4143	494.8022	382.7034	312	122.5994	2.28431
2144	39.4313	575.8437	386.4306	312	122.5994	2.28336
2145	39.4483	719.0581	394.5276	312	122.5994	2.28242
2146	39.4653	940.9958	408.0372	312	122.5994	2.28148
2147	39.4823	1235.023	429.1439	312	122.5994	2.28053
2148	39.4993	1552.071	464.6065	312	122.5994	2.27959
2149	39.5163	1558.82	528.4162	312	122.5994	2.27865
2150	39.5333	1368.812	638.9735	312	122.5994	2.27771
2151	39.5503	1003.227	810.2753	312	122.5994	2.27677
2152	39.5673	851.1121	1038.054	312	122.5994	2.27583
2153	39.5843	857.4182	1281.219	312	122.5994	2.27489
2154	39.6013	884.1392	1444.897	312	122.5994	2.27395

2155	39.6183	879.7601	1437.491	312	122.5994	2.27302
2156	39.6353	812.5544	1301.181	313	122.5994	2.27208
2157	39.6523	633.9071	1154.299	313	122.5994	2.27115
2158	39.6693	441.8025	1069.047	313	122.5994	2.27021
2159	39.6863	363.7491	1046.85	313	122.5994	2.26928
2160	39.7033	357.1757	1032.563	313	122.5994	2.26835
2161	39.7203	350.1476	960.4042	313	122.5994	2.26741
2162	39.7373	334.9456	831.5588	313	122.5994	2.26648
2163	39.7543	335.1637	694.0507	313	122.5994	2.26555
2164	39.7713	342.2956	581.6952	313	122.5994	2.26462
2165	39.7883	314.248	501.0004	313	122.5994	2.2637
2166	39.8053	306.6875	448.3801	313	122.5994	2.26277
2167	39.8223	285.9023	415.6276	314	122.5994	2.26184
2168	39.8393	286.687	393.8584	314	122.5994	2.26092
2169	39.8563	306.1073	379.0339	314	122.5994	2.25999
2170	39.8733	286.8594	368.5058	314	122.5994	2.25907
2171	39.8903	287.2298	360.7788	314	122.5994	2.25814
2172	39.9073	312.3126	354.6441	314	122.5994	2.25722
2173	39.9243	320.4527	349.7318	314	122.5994	2.2563
2174	39.9413	301.8319	345.7734	314	122.5994	2.25538
2175	39.9583	290.5017	342.6149	314	122.5994	2.25446
2176	39.9753	297.2494	340.1405	314	122.5994	2.25354
2177	39.9923	302.1045	338.1809	314	122.5994	2.25262
2178	40.0093	296.9805	336.5016	314	122.5994	2.2517
2179	40.0263	286.9889	327.4956	314	122.5994	2.25078
2180	40.0433	322.7798	327.9018	315	122.5994	2.24987
2181	40.0603	314.6117	328.9918	315	122.5994	2.24895
2182	40.0773	275.2187	329.2172	315	122.5994	2.24804
2183	40.0943	324.7997	329.8549	315	122.5994	2.24712
2184	40.1113	313.6882	330.7285	315	122.5994	2.24621
2185	40.1283	306.3506	332.2437	315	122.5994	2.2453
2186	40.1453	317.0914	334.2027	315	122.5994	2.24439
2187	40.1623	338.4781	335.5451	314	122.5994	2.24347
2188	40.1793	333.8463	338.1714	314	122.5994	2.24256
2189	40.1963	319.7258	341.2433	314	122.5994	2.24166
2190	40.2133	357.2319	344.5914	313	122.5994	2.24075
2191	40.2303	399.0241	351.8402	313	122.5994	2.23984
2192	40.2473	456.2004	364.8531	313	122.5994	2.23893
2193	40.2643	512.4902	387.2352	312	122.5994	2.23803
2194	40.2813	625.3815	426.4947	312	122.5994	2.23712
2195	40.2983	798.5377	485.478	312	122.5994	2.23622
2196	40.3153	920.3729	560.3954	311	122.5994	2.23531
2197	40.3323	1074.11	637.8146	311	122.5994	2.23441
2198	40.3493	1040.91	682.088	311	122.5994	2.23351
2199	40.3663	849.1832	669.3558	310	122.5994	2.23261
2200	40.3833	669.5956	619.313	310	122.5994	2.23171
2201	40.4003	606.8662	570.2725	310	122.5994	2.23081
2202	40.4173	644.2694	542.1638	309	122.5994	2.22991
2203	40.4343	711.6103	536.3058	309	122.5994	2.22901

2204	40.4513	658.9532	533.3489	309	122.5994	2.22811
2205	40.4683	560.5761	510.671	308	122.5994	2.22721
2206	40.4853	444.7122	470.1285	308	122.5994	2.22632
2207	40.5023	361.2193	426.1852	308	122.5994	2.22542
2208	40.5193	326.1531	388.5165	307	122.5994	2.22453
2209	40.5363	307.8954	362.4026	307	122.5994	2.22363
2210	40.5533	304.8036	344.7618	306	122.5994	2.22274
2211	40.5703	300.2414	334.7964	306	122.5994	2.22185
2212	40.5873	300.3043	327.8506	305	122.5994	2.22096
2213	40.6043	316.8356	323.2453	304	122.5994	2.22007
2214	40.6213	296.204	321.1114	304	122.5994	2.21918
2215	40.6383	305.3814	319.0807	303	122.5994	2.21829
2216	40.6553	286.4961	318.9357	303	122.5994	2.2174
2217	40.6723	273.4221	318.3948	302	122.5994	2.21651
2218	40.6893	280.2836	318.0607	301	122.5994	2.21563
2219	40.7063	265.561	318.7006	301	122.5994	2.21474
2220	40.7233	294.2754	318.1273	300	122.5994	2.21385
2221	40.7403	270.1821	317.9465	300	122.5994	2.21297
2222	40.7573	282.7123	316.0023	299	122.5994	2.21209
2223	40.7743	264.8664	313.7496	298	122.5994	2.2112
2224	40.7913	270.0163	312.5865	298	122.5994	2.21032
2225	40.8083	310.2887	310.659	297	122.5994	2.20944
2226	40.8253	304.5081	309.047	296	122.5994	2.20856
2227	40.8423	293.5337	308.648	296	122.5994	2.20768
2228	40.8593	295.5264	307.2127	295	122.5994	2.2068
2229	40.8763	264.4766	305.759	294	122.5994	2.20592
2230	40.8933	304.5249	305.4688	294	122.5994	2.20504
2231	40.9103	306.2206	304.3169	293	122.5994	2.20417
2232	40.9273	282.1758	303.9044	293	122.5994	2.20329
2233	40.9443	270.0796	301.9319	292	122.5994	2.20241
2234	40.9613	312.6178	300.7428	292	122.5994	2.20154
2235	40.9783	298.7983	299.7737	292	122.5994	2.20066
2236	40.9953	290.9504	299.1992	293	122.5994	2.19979
2237	41.0123	275.5336	299.2348	293	122.5994	2.19892
2238	41.0293	274.2938	299.5899	293	122.5994	2.19805
2239	41.0463	267.6898	301.0042	294	122.5994	2.19718
2240	41.0633	275.4222	301.4819	294	122.5994	2.19631
2241	41.0803	267.1202	301.9198	294	122.5994	2.19544
2242	41.0973	301.5429	301.2641	294	122.5994	2.19457
2243	41.1143	300.8151	300.5833	294	122.5994	2.1937
2244	41.1313	267.1503	300.6983	295	122.5994	2.19283
2245	41.1483	252.8437	300.2731	295	122.5994	2.19196
2246	41.1653	269.0346	300.427	295	122.5994	2.1911
2247	41.1823	296.2317	302.0887	296	122.5994	2.19023
2248	41.1993	301.3293	302.7245	296	122.5994	2.18937
2249	41.2163	326.0399	303.0585	296	122.5994	2.18851
2250	41.2333	299.227	302.6599	296	122.5994	2.18764
2251	41.2503	310.2658	301.9401	296	122.5994	2.18678
2252	41.2673	303.3682	302.2426	297	122.5994	2.18592

2253	41.2843	303.8379	301.8846	297	122.5994	2.18506
2254	41.3013	305.713	301.8837	297	122.5994	2.1842
2255	41.3183	315.1516	303.1615	298	122.5994	2.18334
2256	41.3353	300.7225	303.5595	298	122.5994	2.18248
2257	41.3523	286.9488	303.8373	298	122.5994	2.18162
2258	41.3693	286.0137	303.8109	298	122.5994	2.18076
2259	41.3863	320.0526	303.5295	298	122.5994	2.17991
2260	41.4033	316.2911	303.2957	298	122.5994	2.17905
2261	41.4203	290.6875	303.3463	298	122.5994	2.1782
2262	41.4373	283.463	304.7018	299	122.5994	2.17734
2263	41.4543	277.7386	305.194	299	122.5994	2.17649
2264	41.4713	255.4395	305.7611	299	122.5994	2.17564
2265	41.4883	272.0083	305.9256	299	122.5994	2.17478
2266	41.5053	292.1994	306.1682	299	122.5994	2.17393
2267	41.5223	268.189	306.7421	299	122.5994	2.17308
2268	41.5393	287.6602	307.437	299	122.5994	2.17223
2269	41.5563	285.0128	308.9831	300	122.5994	2.17138
2270	41.5733	260.6846	309.3392	300	122.5994	2.17053
2271	41.5903	289.5151	309.743	300	122.5994	2.16969
2272	41.6073	278.3675	310.3101	300	122.5994	2.16884
2273	41.6243	290.4446	310.9659	300	122.5994	2.16799
2274	41.6413	280.192	311.6058	300	122.5994	2.16715
2275	41.6583	301.0146	311.9969	300	122.5994	2.1663
2276	41.6753	306.1146	312.6128	300	122.5994	2.16546
2277	41.6923	337.5959	314.5308	300	122.5994	2.16461
2278	41.7093	345.8719	319.7916	301	122.5994	2.16377
2279	41.7263	353.0943	326.9479	301	122.5994	2.16293
2280	41.7433	332.0765	336.4568	301	122.5994	2.16209
2281	41.7603	353.4061	345.2525	301	122.5994	2.16124
2282	41.7773	352.5273	348.3943	301	122.5994	2.1604
2283	41.7943	345.3251	344.3055	301	122.5994	2.15957
2284	41.8113	371.5204	337.7451	301	122.5994	2.15873
2285	41.8283	365.9588	334.0665	302	122.5994	2.15789
2286	41.8453	372.4543	332.2445	302	122.5994	2.15705
2287	41.8623	367.5965	334.267	302	122.5994	2.15621
2288	41.8793	341.3648	334.0643	302	122.5994	2.15538
2289	41.8963	318.3063	331.237	302	122.5994	2.15454
2290	41.9133	305.5275	326.7048	302	122.5994	2.15371
2291	41.9303	327.9326	322.6879	302	122.5994	2.15287
2292	41.9473	332.222	320.2397	302	122.5994	2.15204
2293	41.9643	313.4705	319.4087	302	122.5994	2.15121
2294	41.9813	302.7153	322.4818	303	122.5994	2.15038
2295	41.9983	299.6101	325.1039	303	122.5994	2.14955
2296	42.0153	311.5985	328.243	303	122.5994	2.14872
2297	42.0323	319.0196	330.1494	303	122.5994	2.14789
2298	42.0493	306.4791	329.6817	303	122.5994	2.14706
2299	42.0663	293.9737	327.9011	303	122.5994	2.14623
2300	42.0833	291.0451	326.5836	303	122.5994	2.1454
2301	42.1003	309.5994	327.6341	304	122.5994	2.14457

2302	42.1173	304.7355	329.0282	304	122.5994	2.14375
2303	42.1343	284.4712	331.1299	304	122.5994	2.14292
2304	42.1513	302.0274	333.1072	304	122.5994	2.1421
2305	42.1683	301.7473	335.0364	304	122.5994	2.14127
2306	42.1853	302.0047	337.8371	304	122.5994	2.14045
2307	42.2023	335.3864	342.0816	304	122.5994	2.13963
2308	42.2193	325.539	347.8311	304	122.5994	2.1388
2309	42.2363	316.8264	354.7995	304	122.5994	2.13798
2310	42.2533	322.8242	361.4406	304	122.5994	2.13716
2311	42.2703	347.38	365.2392	304	122.5994	2.13634
2312	42.2873	371.0427	365.2943	304	122.5994	2.13552
2313	42.3043	399.9427	364.053	304	122.5994	2.1347
2314	42.3213	398.8651	364.0442	303	122.5994	2.13388
2315	42.3383	374.3877	369.4028	303	122.5994	2.13307
2316	42.3553	413.837	380.0616	303	122.5994	2.13225
2317	42.3723	470.2698	396.9969	303	122.5994	2.13143
2318	42.3893	498.5753	423.2814	303	122.5994	2.13062
2319	42.4063	545.8782	468.6361	303	122.5994	2.1298
2320	42.4233	617.3937	544.9981	303	122.5994	2.12899
2321	42.4403	765.8866	658.3182	303	122.5994	2.12818
2322	42.4573	961.516	798.4451	303	122.5994	2.12736
2323	42.4743	1222.028	926.9009	303	122.5994	2.12655
2324	42.4913	1337.54	978.4485	303	122.5994	2.12574
2325	42.5083	1450.582	926.5495	303	122.5994	2.12493
2326	42.5253	1128.869	826.5106	303	122.5994	2.12412
2327	42.5423	861.7385	742.7164	303	122.5994	2.12331
2328	42.5593	690.397	703.5242	303	122.5994	2.1225
2329	42.5763	749.8852	702.064	302	122.5994	2.12169
2330	42.5933	804.1804	705.4523	302	122.5994	2.12089
2331	42.6103	863.8327	671.621	301	122.5994	2.12008
2332	42.6273	758.7685	600.7916	300	122.5994	2.11927
2333	42.6443	583.3737	521.4584	299	122.5994	2.11847
2334	42.6613	408.9681	454.0059	298	122.5994	2.11766
2335	42.6783	387.4753	405.3105	297	122.5994	2.11686
2336	42.6953	354.4711	373.6349	296	122.5994	2.11605
2337	42.7123	341.1974	354.4739	296	122.5994	2.11525
2338	42.7293	320.5342	341.2514	295	122.5994	2.11445
2339	42.7463	313.7239	332.4188	294	122.5994	2.11365
2340	42.7633	336.1372	326.8834	293	122.5994	2.11285
2341	42.7803	315.3959	324.1542	292	122.5994	2.11205
2342	42.7973	297.1258	323.8993	291	122.5994	2.11125
2343	42.8143	315.4214	325.5496	290	122.5994	2.11045
2344	42.8313	333.0211	328.5702	290	122.5994	2.10965
2345	42.8483	348.0463	328.4671	289	122.5994	2.10885
2346	42.8653	327.9845	324.7414	288	122.5994	2.10805
2347	42.8823	320.5523	318.8004	287	122.5994	2.10726
2348	42.8993	322.1795	313.2393	286	122.5994	2.10646
2349	42.9163	316.5412	309.3076	285	122.5994	2.10567
2350	42.9333	291.4006	307.2908	284	122.5994	2.10487

2351	42.9503	282.7127	306.0937	283	122.5994	2.10408
2352	42.9673	291.5645	305.0168	283	122.5994	2.10329
2353	42.9843	304.3204	301.5174	282	122.5994	2.10249
2354	43.0013	318.6703	297.4428	281	122.5994	2.1017
2355	43.0183	294.6822	293.6932	280	122.5994	2.10091
2356	43.0353	263.5708	290.6037	279	122.5994	2.10012
2357	43.0523	260.4338	285.7014	278	122.5994	2.09933
2358	43.0693	271.842	283.8949	277	122.5994	2.09854
2359	43.0863	282.924	283.3911	277	122.5994	2.09775
2360	43.1033	275.5343	282.2121	276	122.5994	2.09696
2361	43.1203	295.974	281.2607	275	122.5994	2.09618
2362	43.1373	280.9748	280.3172	274	122.5994	2.09539
2363	43.1543	283.8529	279.1299	273	122.5994	2.0946
2364	43.1713	266.052	277.6261	272	122.5994	2.09382
2365	43.1883	248.685	276.1183	271	122.5994	2.09303
2366	43.2053	287.1514	275.7814	271	122.5994	2.09225
2367	43.2223	286.2115	273.6915	270	122.5994	2.09147
2368	43.2393	276.3109	272.9229	269	122.5994	2.09068
2369	43.2563	269.2603	272.2412	268	122.5994	2.0899
2370	43.2733	241.0858	271.4749	267	122.5994	2.08912
2371	43.2903	272.0208	270.742	266	122.5994	2.08834
2372	43.3073	250.1087	269.9405	265	122.5994	2.08756
2373	43.3243	280.2318	269.0711	264	122.5994	2.08678
2374	43.3413	229.1156	269.0753	264	122.5994	2.086
2375	43.3583	247.2234	267.9976	263	122.5994	2.08522
2376	43.3753	259.0322	266.8734	262	122.5994	2.08444
2377	43.3923	281.9503	265.6226	261	122.5994	2.08367
2378	43.4093	255.059	265.7241	261	122.5994	2.08289
2379	43.4263	251.2594	266.024	261	122.5994	2.08211
2380	43.4433	260.3979	265.5735	260	122.5994	2.08134
2381	43.4603	267.0952	266.4067	260	122.5994	2.08056
2382	43.4773	266.2931	267.5363	260	122.5994	2.07979
2383	43.4943	253.8451	268.9891	260	122.5994	2.07902
2384	43.5113	273.7298	270.8183	260	122.5994	2.07824
2385	43.5283	267.0126	271.9419	259	122.5994	2.07747
2386	43.5453	266.6258	274.342	259	122.5994	2.0767
2387	43.5623	273.3041	276.6557	259	122.5994	2.07593
2388	43.5793	272.5651	277.5917	259	122.5994	2.07516
2389	43.5963	287.9544	275.7267	258	122.5994	2.07439
2390	43.6133	280.0945	274.3973	258	122.5994	2.07362
2391	43.6303	263.1071	273.4655	258	122.5994	2.07285
2392	43.6473	268.1604	272.7173	258	122.5994	2.07208
2393	43.6643	269.5694	272.0953	258	122.5994	2.07131
2394	43.6813	284.2897	270.6403	257	122.5994	2.07055
2395	43.6983	270.6082	269.8835	257	122.5994	2.06978
2396	43.7153	263.7521	268.7555	257	122.5994	2.06902
2397	43.7323	270.0665	267.5273	257	122.5994	2.06825
2398	43.7493	263.9426	266.0054	257	122.5994	2.06749
2399	43.7663	260.462	263.2537	256	122.5994	2.06672

2400	43.7833	253.8669	261.659	256	122.5994	2.06596
2401	43.8003	252.5437	260.551	256	122.5994	2.0652
2402	43.8173	256.0341	259.9996	256	122.5994	2.06444
2403	43.8343	269.3178	259.8506	256	122.5994	2.06367
2404	43.8513	277.8764	258.7422	255	122.5994	2.06291
2405	43.8683	274.1119	258.5803	255	122.5994	2.06215
2406	43.8853	260.0914	258.4465	255	122.5994	2.06139
2407	43.9023	263.4786	257.4552	254	122.5994	2.06064
2408	43.9193	270.8448	257.6249	254	122.5994	2.05988
2409	43.9363	251.3299	257.8751	254	122.5994	2.05912
2410	43.9533	265.2348	258.0133	254	122.5994	2.05836
2411	43.9703	274.5717	257.9268	254	122.5994	2.05761
2412	43.9873	264.1059	256.8634	253	122.5994	2.05685
2413	44.0043	256.6366	256.823	253	122.5994	2.0561
2414	44.0213	253.1029	256.9924	253	122.5994	2.05534
2415	44.0383	271.0654	256.462	252	122.5994	2.05459
2416	44.0553	259.6829	257.3017	252	122.5994	2.05383
2417	44.0723	275.3229	258.4757	252	122.5994	2.05308
2418	44.0893	275.6799	259.7899	252	122.5994	2.05233
2419	44.1063	291.8506	261.2002	252	122.5994	2.05158
2420	44.1233	272.7012	260.9789	251	122.5994	2.05083
2421	44.1403	279.7956	261.1804	251	122.5994	2.05008
2422	44.1573	246.4664	261.4284	251	122.5994	2.04933
2423	44.1743	248.6828	260.8338	250	122.5994	2.04858
2424	44.1913	263.5151	260.8694	250	122.5994	2.04783
2425	44.2083	248.6963	260.2171	250	122.5994	2.04708
2426	44.2253	244.4481	259.162	250	122.5994	2.04633
2427	44.2423	252.1557	256.9703	249	122.5994	2.04559
2428	44.2593	266.0949	255.8894	249	122.5994	2.04484
2429	44.2763	271.8	255.2466	249	122.5994	2.04409
2430	44.2933	259.1379	253.857	248	122.5994	2.04335
2431	44.3103	278.0706	253.3476	248	122.5994	2.0426
2432	44.3273	259.1851	252.6141	248	122.5994	2.04186
2433	44.3443	265.6921	250.9275	247	122.5994	2.04112
2434	44.3613	289.638	250.7487	247	122.5994	2.04037
2435	44.3783	293.4651	250.6919	247	122.5994	2.03963
2436	44.3953	260.6142	249.9112	246	122.5994	2.03889
2437	44.4123	258.1729	250.1163	246	122.5994	2.03815
2438	44.4293	269.9597	250.2949	246	122.5994	2.03741
2439	44.4463	268.0682	249.3051	245	122.5994	2.03667
2440	44.4633	259.2446	249.6183	245	122.5994	2.03593
2441	44.4803	248.1675	250.5475	245	122.5994	2.03519
2442	44.4973	247.0132	251.364	244	122.5994	2.03445
2443	44.5143	273.8858	254.1994	244	122.5994	2.03372
2444	44.5313	272.2254	257.8572	244	122.5994	2.03298
2445	44.5483	274.6504	260.7234	243	122.5994	2.03224
2446	44.5653	273.4866	263.3295	243	122.5994	2.03151
2447	44.5823	259.6316	263.5154	243	122.5994	2.03077
2448	44.5993	239.744	261.0666	242	122.5994	2.03004

2449	44.6163	219.0564	260.0122	242	122.5994	2.0293
2450	44.6333	247.3087	261.7275	243	122.5994	2.02857
2451	44.6503	291.2351	265.4303	244	122.5994	2.02784
2452	44.6673	252.2292	270.1223	245	122.5994	2.0271
2453	44.6843	283.4799	274.0193	246	122.5994	2.02637
2454	44.7013	263.0984	276.9637	247	122.5994	2.02564
2455	44.7183	242.7261	280.3573	248	122.5994	2.02491
2456	44.7353	235.215	284.8076	249	122.5994	2.02418
2457	44.7523	280.4114	288.6516	250	122.5994	2.02345
2458	44.7693	263.1915	288.5144	250	122.5994	2.02272
2459	44.7863	259.2446	286.3589	251	122.5994	2.02199
2460	44.8033	265.0721	283.164	252	122.5994	2.02127
2461	44.8203	274.9059	280.4987	253	122.5994	2.02054
2462	44.8373	301.4159	279.2355	254	122.5994	2.01981
2463	44.8543	292.6606	279.3805	255	122.5994	2.01909
2464	44.8713	292.449	279.8392	256	122.5994	2.01836
2465	44.8883	292.1228	279.4377	257	122.5994	2.01764
2466	44.9053	272.1002	278.3696	258	122.5994	2.01691
2467	44.9223	269.3869	277.5256	259	122.5994	2.01619
2468	44.9393	275.8022	277.0366	260	122.5994	2.01547
2469	44.9563	278.8632	276.5581	261	122.5994	2.01474
2470	44.9733	281.0246	276.1471	262	122.5994	2.01402
2471	44.9903	298.3447	276.4517	263	122.5994	2.0133
2472	45.0073	312.1574	278.4029	264	122.5994	2.01258
2473	45.0243	301.0706	281.9548	265	122.5994	2.01186
2474	45.0413	278.1651	285.4244	265	122.5994	2.01114
2475	45.0583	293.6105	288.1949	265	122.5994	2.01042
2476	45.0753	349.6456	289.3917	266	122.5994	2.0097
2477	45.0923	336.5967	286.6032	266	122.5994	2.00898
2478	45.1093	328.0048	283.0213	266	122.5994	2.00826
2479	45.1263	315.9577	281.6883	267	122.5994	2.00755
2480	45.1433	299.2265	281.2264	267	122.5994	2.00683
2481	45.1603	302.0223	283.1059	268	122.5994	2.00611
2482	45.1773	320.4067	283.96	268	122.5994	2.0054
2483	45.1943	309.8501	283.3344	268	122.5994	2.00468
2484	45.2113	325.0555	282.0343	269	122.5994	2.00397
2485	45.2283	324.7798	280.6798	269	122.5994	2.00326
2486	45.2453	300.687	278.7826	269	122.5994	2.00254
2487	45.2623	300.8968	278.8469	270	122.5994	2.00183
2488	45.2793	316.7416	278.7614	270	122.5994	2.00112
2489	45.2963	319.0355	279.8977	271	122.5994	2.00041
2490	45.3133	334.0791	279.7719	271	122.5994	1.9997
2491	45.3303	333.8684	279.3731	271	122.5994	1.99899
2492	45.3473	359.0074	280.8009	272	122.5994	1.99828
2493	45.3643	375.4142	280.9493	272	122.5994	1.99757
2494	45.3813	362.7586	281.4918	272	122.5994	1.99686
2495	45.3983	364.7372	283.9737	273	122.5994	1.99615
2496	45.4153	360.8803	285.9743	273	122.5994	1.99544
2497	45.4323	392.9912	289.1503	274	122.5994	1.99473

2498	45.4493	393.6055	291.0691	274	122.5994	1.99403
2499	45.4663	424.4798	292.3934	274	122.5994	1.99332
2500	45.4833	424.0318	293.7565	275	122.5994	1.99262
2501	45.5003	430.1034	293.2898	275	122.5994	1.99191
2502	45.5173	435.9853	293.0151	275	122.5994	1.99121
2503	45.5343	454.5036	294.6089	276	122.5994	1.9905
2504	45.5513	443.4112	296.2119	276	122.5994	1.9898
2505	45.5683	455.8259	299.576	277	122.5994	1.9891
2506	45.5853	388.2132	302.1835	277	122.5994	1.98839
2507	45.6023	451.6859	304.3369	277	122.5994	1.98769
2508	45.6193	411.0273	306.4014	278	122.5994	1.98699
2509	45.6363	400.2599	306.3065	278	122.5994	1.98629
2510	45.6533	415.9621	305.8739	278	122.5994	1.98559
2511	45.6703	364.7971	307.2354	279	122.5994	1.98489
2512	45.6873	368.3757	309.1094	279	122.5994	1.98419
2513	45.7043	359.8564	313.9525	280	122.5994	1.98349
2514	45.7213	413.8876	320.6873	280	122.5994	1.9828
2515	45.7383	438.7121	331.9248	280	122.5994	1.9821
2516	45.7553	466.49	352.0847	281	122.5994	1.9814
2517	45.7723	544.673	384.7222	281	122.5994	1.9807
2518	45.7893	640.5331	436.5953	281	122.5994	1.98001
2519	45.8063	801.2337	510.0922	282	122.5994	1.97931
2520	45.8233	929.4593	595.6506	282	122.5994	1.97862
2521	45.8403	1011.579	676.6935	283	122.5994	1.97792
2522	45.8573	917.2861	715.8867	282	122.5994	1.97723
2523	45.8743	710.129	692.1913	282	122.5994	1.97654
2524	45.8913	562.4626	630.5975	282	122.5994	1.97585
2525	45.9083	565.4334	573.6921	282	122.5994	1.97515
2526	45.9253	600.2809	542.4053	282	122.5994	1.97446
2527	45.9423	622.3097	534.6516	281	122.5994	1.97377
2528	45.9593	660.5921	540.0103	281	122.5994	1.97308
2529	45.9763	624.4725	537.6355	281	122.5994	1.97239
2530	45.9933	494.2102	510.2037	281	122.5994	1.9717
2531	46.0103	422.0741	464.6531	281	122.5994	1.97101
2532	46.0273	369.2152	418.0695	280	122.5994	1.97032
2533	46.0443	358.6451	381.7963	280	122.5994	1.96964
2534	46.0613	334.2871	355.0334	280	122.5994	1.96895
2535	46.0783	292.382	335.1618	280	122.5994	1.96826
2536	46.0953	301.884	320.9072	280	122.5994	1.96757
2537	46.1123	305.7737	311.3799	280	122.5994	1.96689
2538	46.1293	292.7354	304.4021	279	122.5994	1.9662
2539	46.1463	285.5826	300.8934	279	122.5994	1.96552
2540	46.1633	277.232	298.818	279	122.5994	1.96483
2541	46.1803	274.3799	297.1657	279	122.5994	1.96415
2542	46.1973	268.8932	295.2281	279	122.5994	1.96347
2543	46.2143	261.2255	292.1053	278	122.5994	1.96278
2544	46.2313	282.9516	290.3836	278	122.5994	1.9621
2545	46.2483	292.449	289.234	278	122.5994	1.96142
2546	46.2653	262.3285	287.7096	277	122.5994	1.96074

2547	46.2823	275.7514	286.6789	276	122.5994	1.96006
2548	46.2993	258.6749	286.8711	276	122.5994	1.95938
2549	46.3163	255.4125	285.8958	275	122.5994	1.9587
2550	46.3333	264.2228	284.3657	274	122.5994	1.95802
2551	46.3503	262.8484	283.3903	274	122.5994	1.95734
2552	46.3673	274.1273	281.3638	273	122.5994	1.95666
2553	46.3843	235.0401	279.6345	272	122.5994	1.95599
2554	46.4013	254.255	278.3705	271	122.5994	1.95531
2555	46.4183	265.2651	277.7463	270	122.5994	1.95463
2556	46.4353	272.0543	276.6167	270	122.5994	1.95396
2557	46.4523	252.93	276.1313	269	122.5994	1.95328
2558	46.4693	253.0606	275.5364	268	122.5994	1.95261
2559	46.4863	268.8694	275.8011	268	122.5994	1.95193
2560	46.5033	265.0822	274.0212	267	122.5994	1.95126
2561	46.5203	256.0341	273.478	266	122.5994	1.95058
2562	46.5373	258.6824	272.9295	265	122.5994	1.94991
2563	46.5543	280.212	271.8836	264	122.5994	1.94924
2564	46.5713	268.0846	271.188	264	122.5994	1.94857
2565	46.5883	277.8138	269.292	263	122.5994	1.9479
2566	46.6053	255.4303	267.5764	262	122.5994	1.94722
2567	46.6223	248.1984	267.0677	262	122.5994	1.94655
2568	46.6393	238.3672	265.9722	261	122.5994	1.94588
2569	46.6563	267.4399	265.0957	260	122.5994	1.94521
2570	46.6733	276.7637	266.1439	261	122.5994	1.94455
2571	46.6903	265.3872	265.9569	261	122.5994	1.94388
2572	46.7073	271.1767	266.7745	262	122.5994	1.94321
2573	46.7243	257.1425	267.9681	263	122.5994	1.94254
2574	46.7413	241.9847	268.9481	263	122.5994	1.94188
2575	46.7583	252.3918	271.998	264	122.5994	1.94121
2576	46.7753	243.9428	276.6677	265	122.5994	1.94054
2577	46.7923	255.2634	282.2075	265	122.5994	1.93988
2578	46.8093	268.2803	290.2149	266	122.5994	1.93921
2579	46.8263	256.1841	298.2527	267	122.5994	1.93855
2580	46.8433	272.2699	302.5609	267	122.5994	1.93788
2581	46.8603	273.7407	302.2726	268	122.5994	1.93722
2582	46.8773	266.4719	297.4994	269	122.5994	1.93656
2583	46.8943	279.2413	291.3874	269	122.5994	1.9359
2584	46.9113	272.6723	288.6465	270	122.5994	1.93523
2585	46.9283	254.2415	288.8228	271	122.5994	1.93457
2586	46.9453	240.686	289.9856	271	122.5994	1.93391
2587	46.9623	233.2675	292.3207	272	122.5994	1.93325
2588	46.9793	267.1765	292.8747	273	122.5994	1.93259
2589	46.9963	274.1935	289.7919	273	122.5994	1.93193
2590	47.0133	280.7454	286.9241	274	122.5994	1.93127
2591	47.0303	283.1323	284.7202	275	122.5994	1.93061
2592	47.0473	279.7693	282.6348	275	122.5994	1.92996
2593	47.0643	268.697	282.5282	276	122.5994	1.9293
2594	47.0813	270.9198	282.0249	276	122.5994	1.92864
2595	47.0983	274.9157	282.831	277	122.5994	1.92799

2596	47.1153	272.7708	282.6885	277	122.5994	1.92733
2597	47.1323	242.2383	282.5388	277	122.5994	1.92667
2598	47.1493	259.3263	283.4294	278	122.5994	1.92602
2599	47.1663	248.1299	283.4703	278	122.5994	1.92536
2600	47.1833	261.1531	283.799	278	122.5994	1.92471
2601	47.2003	253.3412	285.7044	279	122.5994	1.92406
2602	47.2173	311.1386	287.3777	279	122.5994	1.9234
2603	47.2343	269.582	290.0771	279	122.5994	1.92275
2604	47.2513	259.3199	294.3325	280	122.5994	1.9221
2605	47.2683	278.4584	297.4737	280	122.5994	1.92145
2606	47.2853	261.3072	298.7202	280	122.5994	1.9208
2607	47.3023	242.7458	298.9795	281	122.5994	1.92014
2608	47.3193	274.0764	298.1292	281	122.5994	1.91949
2609	47.3363	258.4529	298.5836	281	122.5994	1.91885
2610	47.3533	254.5961	301.4981	282	122.5994	1.9182
2611	47.3703	267.2188	303.7253	282	122.5994	1.91755
2612	47.3873	276.1293	304.4759	282	122.5994	1.9169
2613	47.4043	278.2594	304.2616	283	122.5994	1.91625
2614	47.4213	273.3428	301.7616	283	122.5994	1.9156
2615	47.4383	265.7254	299.2841	283	122.5994	1.91496
2616	47.4553	274.5697	298.7287	284	122.5994	1.91431
2617	47.4723	298.3408	298.2357	284	122.5994	1.91366
2618	47.4893	286.5222	297.2095	283	122.5994	1.91302
2619	47.5063	273.3458	296.6384	283	122.5994	1.91237
2620	47.5233	283.1563	294.0689	282	122.5994	1.91173
2621	47.5403	272.2239	291.9637	282	122.5994	1.91109
2622	47.5573	265.8798	288.9507	281	122.5994	1.91044
2623	47.5743	244.341	286.3978	280	122.5994	1.9098
2624	47.5913	265.3346	285.3434	280	122.5994	1.90916
2625	47.6083	294.4334	283.74	279	122.5994	1.90851
2626	47.6253	273.8132	282.339	278	122.5994	1.90787
2627	47.6423	284.0522	282.0239	278	122.5994	1.90723
2628	47.6593	271.6622	280.7223	277	122.5994	1.90659
2629	47.6763	267.0541	279.4515	276	122.5994	1.90595
2630	47.6933	256.9816	279.4114	276	122.5994	1.90531
2631	47.7103	247.6087	278.5184	275	122.5994	1.90467
2632	47.7273	266.7068	278.7213	275	122.5994	1.90403
2633	47.7443	284.0113	277.9506	274	122.5994	1.9034
2634	47.7613	259.2614	277.1174	273	122.5994	1.90276
2635	47.7783	262.8044	277.3881	273	122.5994	1.90212
2636	47.7953	263.2169	276.8213	272	122.5994	1.90148
2637	47.8123	273.2942	277.2208	272	122.5994	1.90085
2638	47.8293	269.1171	276.3586	271	122.5994	1.90021
2639	47.8463	265.7254	275.1681	270	122.5994	1.89958
2640	47.8633	258.0926	274.9886	270	122.5994	1.89894
2641	47.8803	266.4419	274.0707	269	122.5994	1.89831
2642	47.8973	279.8834	274.4698	269	122.5994	1.89767
2643	47.9143	276.5623	276.1003	270	122.5994	1.89704
2644	47.9313	244.9633	276.4504	270	122.5994	1.89641

2645	47.9483	274.577	276.1909	270	122.5994	1.89577
2646	47.9653	249.4229	276.5903	271	122.5994	1.89514
2647	47.9823	279.787	276.166	271	122.5994	1.89451
2648	47.9993	298.5381	276.203	271	122.5994	1.89388
2649	48.0163	289.2273	277.5021	272	122.5994	1.89325
2650	48.0333	295.7886	277.9009	272	122.5994	1.89262
2651	48.0503	246.9922	278.8611	273	122.5994	1.89199
2652	48.0673	274.4415	278.2352	273	122.5994	1.89136
2653	48.0843	247.048	277.4177	273	122.5994	1.89073
2654	48.1013	256.2405	277.8141	274	122.5994	1.8901
2655	48.1183	260.2608	277.5887	274	122.5994	1.88947
2656	48.1353	272.3117	277.7318	274	122.5994	1.88884
2657	48.1523	301.6315	279.1013	275	122.5994	1.88822
2658	48.1693	333.0205	279.5375	275	122.5994	1.88759
2659	48.1863	319.3392	280.0887	275	122.5994	1.88696
2660	48.2033	307.5783	281.9613	276	122.5994	1.88634
2661	48.2203	327.7649	283.3886	276	122.5994	1.88571
2662	48.2373	298.6752	285.4433	276	122.5994	1.88509
2663	48.2543	325.8854	288.9649	277	122.5994	1.88446
2664	48.2713	347.52	291.7001	277	122.5994	1.88384
2665	48.2883	335.2426	295.5445	278	122.5994	1.88322
2666	48.3053	321.6769	298.3854	278	122.5994	1.88259
2667	48.3223	322.6678	300.478	278	122.5994	1.88197
2668	48.3393	338.8919	301.8799	279	122.5994	1.88135
2669	48.3563	350.5881	300.7694	279	122.5994	1.88073
2670	48.3733	334.9362	299.137	279	122.5994	1.8801
2671	48.3903	339.8324	298.7388	280	122.5994	1.87948
2672	48.4073	325.8819	297.7007	280	122.5994	1.87886
2673	48.4243	338.4358	297.1156	280	122.5994	1.87824
2674	48.4413	336.5411	297.5737	281	122.5994	1.87762
2675	48.4583	336.0286	296.3541	281	122.5994	1.87701
2676	48.4753	321.7082	294.5125	281	122.5994	1.87639
2677	48.4923	309.3971	293.4552	282	122.5994	1.87577
2678	48.5093	310.5368	291.6607	282	122.5994	1.87515
2679	48.5263	291.3198	290.2307	282	122.5994	1.87453
2680	48.5433	299.8816	290.1775	283	122.5994	1.87392
2681	48.5603	300.5629	289.2391	283	122.5994	1.8733
2682	48.5773	295.8116	289.3617	284	122.5994	1.87269
2683	48.5943	310.7212	288.5522	284	122.5994	1.87207
2684	48.6113	272.5077	288.1023	284	122.5994	1.87145
2685	48.6283	258.3816	289.0549	285	122.5994	1.87084
2686	48.6453	290.1559	289.3093	285	122.5994	1.87023
2687	48.6623	310.3585	289.6246	285	122.5994	1.86961
2688	48.6793	290.7917	290.6897	286	122.5994	1.869
2689	48.6963	277.1835	290.4076	286	122.5994	1.86839
2690	48.7133	272.7588	290.0036	286	122.5994	1.86777
2691	48.7303	281.0031	289.7361	286	122.5994	1.86716
2692	48.7473	294.4559	289.7455	286	122.5994	1.86655
2693	48.7643	280.2537	290.1463	286	122.5994	1.86594

2694	48.7813	236.6038	289.8653	285	122.5994	1.86533
2695	48.7983	274.1373	290.9746	285	122.5994	1.86472
2696	48.8153	278.8181	292.4412	285	122.5994	1.86411
2697	48.8323	243.6473	294.2758	285	122.5994	1.8635
2698	48.8493	276.5368	296.2343	285	122.5994	1.86289
2699	48.8663	308.9167	297.6393	285	122.5994	1.86228
2700	48.8833	293.1313	298.0266	285	122.5994	1.86168
2701	48.9003	301.5062	297.139	284	122.5994	1.86107
2702	48.9173	285.5323	298.1524	284	122.5994	1.86046
2703	48.9343	258.7457	301.3199	284	122.5994	1.85985
2704	48.9513	261.8067	307.9533	284	122.5994	1.85925
2705	48.9683	289.9488	318.8315	284	122.5994	1.85864
2706	48.9853	282.3445	333.2737	284	122.5994	1.85804
2707	49.0023	298.9163	346.8676	284	122.5994	1.85743
2708	49.0193	300.6232	351.7581	284	122.5994	1.85683
2709	49.0363	275.779	344.3862	284	122.5994	1.85622
2710	49.0533	282.693	330.4351	283	122.5994	1.85562
2711	49.0703	277.662	319.5171	283	122.5994	1.85502
2712	49.0873	280.0046	314.5067	283	122.5994	1.85441
2713	49.1043	283.9555	316.05	283	122.5994	1.85381
2714	49.1213	294.1496	321.6368	282	122.5994	1.85321
2715	49.1383	271.3714	329.1385	282	122.5994	1.85261
2716	49.1553	261.8628	330.8368	281	122.5994	1.85201
2717	49.1723	284.7871	326.5817	281	122.5994	1.85141
2718	49.1893	283.1793	317.1704	280	122.5994	1.85081
2719	49.2063	264.404	308.2539	280	122.5994	1.85021
2720	49.2233	272.629	300.293	279	122.5994	1.84961
2721	49.2403	281.9258	296.1505	279	122.5994	1.84901
2722	49.2573	284.7289	293.33	278	122.5994	1.84841
2723	49.2743	304.2956	292.9964	278	122.5994	1.84781
2724	49.2913	283.3202	292.0667	277	122.5994	1.84722
2725	49.3083	262.475	291.5429	277	122.5994	1.84662
2726	49.3253	277.0549	289.1949	276	122.5994	1.84602
2727	49.3423	276.8548	286.6276	275	122.5994	1.84543
2728	49.3593	265.6653	285.4927	275	122.5994	1.84483
2729	49.3763	269.246	284.0569	274	122.5994	1.84424
2730	49.3933	272.2863	284.1792	274	122.5994	1.84364
2731	49.4103	279.6106	283.3652	273	122.5994	1.84305
2732	49.4273	279.7281	283.9061	273	122.5994	1.84245
2733	49.4443	258.456	283.6091	272	122.5994	1.84186
2734	49.4613	268.4137	284.6859	272	122.5994	1.84126
2735	49.4783	275.0189	284.9369	271	122.5994	1.84067
2736	49.4953	256.2649	285.7613	271	122.5994	1.84008
2737	49.5123	281.3346	284.8705	270	122.5994	1.83949
2738	49.5293	264.9603	285.6228	271	122.5994	1.8389
2739	49.5463	283.5335	285.534	271	122.5994	1.8383
2740	49.5633	261.0138	286.7374	272	122.5994	1.83771
2741	49.5803	307.4369	288.171	273	122.5994	1.83712
2742	49.5973	257.3216	289.6944	274	122.5994	1.83653

2743	49.6143	262.4	289.9679	274	122.5994	1.83594
2744	49.6313	265.5404	290.9883	275	122.5994	1.83536
2745	49.6483	259.8486	291.8531	276	122.5994	1.83477
2746	49.6653	276.8587	291.8878	276	122.5994	1.83418
2747	49.6823	294.1152	293.7333	277	122.5994	1.83359
2748	49.6993	275.5967	296.5391	278	122.5994	1.833
2749	49.7163	280.7645	300.3881	279	122.5994	1.83242
2750	49.7333	314.7932	313.929	279	122.5994	1.83183
2751	49.7503	304.5188	320.3344	280	122.5994	1.83124
2752	49.7673	315.3078	327.6169	281	122.5994	1.83066
2753	49.7843	318.7834	338.2032	281	122.5994	1.83007
2754	49.8013	303.3729	346.0079	282	122.5994	1.82949
2755	49.8183	332.1151	351.4226	283	122.5994	1.8289
2756	49.8353	366.8635	352.6236	284	122.5994	1.82832
2757	49.8523	347.8191	349.9503	284	122.5994	1.82774
2758	49.8693	355.0403	348.152	285	122.5994	1.82715
2759	49.8863	357.8871	347.8249	286	122.5994	1.82657
2760	49.9033	386.7132	347.9408	286	122.5994	1.82599
2761	49.9203	399.5965	350.0306	287	122.5994	1.82541
2762	49.9373	427.7829	351.5305	287	122.5994	1.82482
2763	49.9543	429.0548	352.5216	287	122.5994	1.82424
2764	49.9713	422.4723	352.5233	287	122.5994	1.82366
2765	49.9883	412.6562	352.5341	287	122.5994	1.82308
2766	50.0053	426.3441	353.9567	287	122.5994	1.8225
2767	50.0223	471.8127	358.5422	288	122.5994	1.82192
2768	50.0393	522.0975	364.399	288	122.5994	1.82134
2769	50.0563	568.7165	372.441	288	122.5994	1.82076
2770	50.0733	611.391	382.6602	288	122.5994	1.82019
2771	50.0903	763.5342	396.0677	288	122.5994	1.81961
2772	50.1073	951.352	412.4893	288	122.5994	1.81903
2773	50.1243	1255.553	435.9207	288	122.5994	1.81845
2774	50.1413	1628.093	472.7988	288	122.5994	1.81788
2775	50.1583	2096.34	535.6651	288	122.5994	1.8173
2776	50.1753	2662.183	647.629	288	122.5994	1.81672
2777	50.1923	2723.419	842.4924	288	122.5994	1.81615
2778	50.2093	2188.868	1153.231	288	122.5994	1.81557
2779	50.2263	1535.85	1587.501	288	122.5994	1.815
2780	50.2433	1140.774	2091.591	289	122.5994	1.81442
2781	50.2603	1043.946	2502.53	289	122.5994	1.81385
2782	50.2773	1142.39	2587.316	289	122.5994	1.81328
2783	50.2943	1371.624	2302.082	289	122.5994	1.8127
2784	50.3113	1514.274	1872.289	289	122.5994	1.81213
2785	50.3283	1500.615	1515.246	289	122.5994	1.81156
2786	50.3453	1182.53	1330.482	289	122.5994	1.81099
2787	50.3623	727.3858	1326.409	289	122.5994	1.81042
2788	50.3793	539.3135	1441.57	289	122.5994	1.80985
2789	50.3963	446.3923	1551.516	289	122.5994	1.80927
2790	50.4133	380.4781	1514.336	289	122.5994	1.8087
2791	50.4303	397.982	1311.689	289	122.5994	1.80813

2792	50.4473	336.8919	1049.132	289	122.5994	1.80756
2793	50.4643	368.1046	814.7497	289	122.5994	1.807
2794	50.4813	311.604	643.2706	290	122.5994	1.80643
2795	50.4983	299.582	532.3942	290	122.5994	1.80586
2796	50.5153	325.1159	467.6173	290	122.5994	1.80529
2797	50.5323	312.0742	431.9334	290	122.5994	1.80472
2798	50.5493	325.2796	413.6783	290	122.5994	1.80416
2799	50.5663	329.7425	407.6986	290	122.5994	1.80359
2800	50.5833	327.3061	413.5076	290	122.5994	1.80302
2801	50.6003	343.1066	432.1898	290	122.5994	1.80246
2802	50.6173	367.624	462.3253	290	122.5994	1.80189
2803	50.6343	394.8263	496.4348	290	122.5994	1.80133
2804	50.6513	393.3239	517.5831	290	122.5994	1.80076
2805	50.6683	410.8936	513.56	290	122.5994	1.8002
2806	50.6853	427.8971	495.7403	290	122.5994	1.79963
2807	50.7023	399.5783	479.8536	290	122.5994	1.79907
2808	50.7193	387.3317	472.3905	291	122.5994	1.79851
2809	50.7363	380.3007	469.8759	291	122.5994	1.79794
2810	50.7533	395.9861	469.7833	290	122.5994	1.79738
2811	50.7703	399.5783	471.5993	289	122.5994	1.79682
2812	50.7873	371.0165	471.5999	289	122.5994	1.79626
2813	50.8043	372.6314	463.726	288	122.5994	1.7957
2814	50.8213	368.072	456.3166	288	122.5994	1.79514
2815	50.8383	351.3557	451.1516	287	122.5994	1.79458
2816	50.8553	356.1656	445.9908	287	122.5994	1.79402
2817	50.8723	337.0232	431.9417	286	122.5994	1.79346
2818	50.8893	326.9994	403.2979	286	122.5994	1.7929
2819	50.9063	340.6008	380.1868	285	122.5994	1.79234
2820	50.9233	304.232	361.4899	284	122.5994	1.79178
2821	50.9403	303.2672	349.7491	284	122.5994	1.79122
2822	50.9573	273.3051	343.0871	283	122.5994	1.79066
2823	50.9743	284.6138	341.5666	283	122.5994	1.79011
2824	50.9913	273.5538	339.6896	282	122.5994	1.78955
2825	51.0083	260.7274	336.2687	282	122.5994	1.78899
2826	51.0253	282.5866	325.6679	281	122.5994	1.78844
2827	51.0423	283.5307	318.801	280	122.5994	1.78788
2828	51.0593	245.0134	314.5474	280	122.5994	1.78733
2829	51.0763	245.0495	311.2651	279	122.5994	1.78677
2830	51.0933	283.4273	310.3991	279	122.5994	1.78622
2831	51.1103	265.3705	308.6223	278	122.5994	1.78566
2832	51.1273	302.393	307.3839	278	122.5994	1.78511
2833	51.1443	274.5286	305.3593	277	122.5994	1.78456
2834	51.1613	253.6469	303.9996	276	122.5994	1.784
2835	51.1783	281.5396	302.7747	275	122.5994	1.78345
2836	51.1953	320.397	299.355	273	122.5994	1.7829
2837	51.2123	299.4707	297.2686	272	122.5994	1.78235
2838	51.2293	305.7871	295.6868	271	122.5994	1.78179
2839	51.2463	293.971	294.7112	270	122.5994	1.78124
2840	51.2633	266.7828	294.6364	269	122.5994	1.78069

2841	51.2803	282.5144	296.2212	268	122.5994	1.78014
2842	51.2973	310.6635	299.0152	266	122.5994	1.77959
2843	51.3143	295.4974	305.0355	265	122.5994	1.77904
2844	51.3313	307.4542	312.5792	264	122.5994	1.77849
2845	51.3483	280.8072	320.505	263	122.5994	1.77794
2846	51.3653	291.2398	325.8037	262	122.5994	1.7774
2847	51.3823	297.6421	326.7196	261	122.5994	1.77685
2848	51.3993	292.382	322.2926	259	122.5994	1.7763
2849	51.4163	288.6848	317.3182	258	122.5994	1.77575
2850	51.4333	287.0668	311.9612	257	122.5994	1.77521
2851	51.4503	294.3025	307.2798	256	122.5994	1.77466
2852	51.4673	273.488	303.9891	255	122.5994	1.77411
2853	51.4843	280.9924	301.9368	254	122.5994	1.77357
2854	51.5013	278.9272	298.4743	252	122.5994	1.77302
2855	51.5183	265.6635	294.9028	251	122.5994	1.77248
2856	51.5353	243.8456	290.0409	250	122.5994	1.77193
2857	51.5523	244.4569	284.9647	249	122.5994	1.77139
2858	51.5693	251.1699	281.1247	249	122.5994	1.77084
2859	51.5863	254.3601	276.3706	248	122.5994	1.7703
2860	51.6033	252.7003	272.5568	248	122.5994	1.76976
2861	51.6203	247.983	267.4015	247	122.5994	1.76921
2862	51.6373	262.6883	263.4323	247	122.5994	1.76867
2863	51.6543	242.8333	259.1219	246	122.5994	1.76813
2864	51.6713	241.2356	256.7203	246	122.5994	1.76759
2865	51.6883	244.2472	254.3437	245	122.5994	1.76705
2866	51.7053	235.214	253.9167	245	122.5994	1.7665
2867	51.7223	246.5274	253.2446	244	122.5994	1.76596
2868	51.7393	266.2036	253.462	244	122.5994	1.76542
2869	51.7563	256.2011	253.3855	244	122.5994	1.76488
2870	51.7733	256.6623	252.0001	243	122.5994	1.76434
2871	51.7903	231.2208	251.7336	243	122.5994	1.7638
2872	51.8073	245.8017	250.801	242	122.5994	1.76327
2873	51.8243	245.3329	250.9834	242	122.5994	1.76273
2874	51.8413	240.7982	249.8202	241	122.5994	1.76219
2875	51.8583	224.9993	249.2673	241	122.5994	1.76165
2876	51.8753	227.1444	247.5308	240	122.5994	1.76111
2877	51.8923	249.8297	246.9318	240	122.5994	1.76058
2878	51.9093	219.7091	245.4555	239	122.5994	1.76004
2879	51.9263	218.7944	245.1377	239	122.5994	1.7595
2880	51.9433	269.3755	244.0546	238	122.5994	1.75897
2881	51.9603	220.7778	243.9973	238	122.5994	1.75843
2882	51.9773	249.3173	244.9576	239	122.5994	1.7579
2883	51.9943	219.2273	244.6787	239	122.5994	1.75736
2884	52.0113	240.7777	245.264	240	122.5994	1.75683
2885	52.0283	256.3161	245.8669	241	122.5994	1.75629
2886	52.0453	260.8209	246.4448	242	122.5994	1.75576
2887	52.0623	241.7384	245.8392	242	122.5994	1.75523
2888	52.0793	252.3881	246.6784	243	122.5994	1.75469
2889	52.0963	225.8182	247.7969	244	122.5994	1.75416

2890	52.1133	234.0023	248.4728	244	122.5994	1.75363
2891	52.1303	248.5297	250.8103	245	122.5994	1.7531
2892	52.1473	234.2697	253.8492	246	122.5994	1.75257
2893	52.1643	214.6324	257.3355	247	122.5994	1.75204
2894	52.1813	260.3355	259.425	247	122.5994	1.7515
2895	52.1983	240.8	260.8271	248	122.5994	1.75097
2896	52.2153	253.7525	260.8783	249	122.5994	1.75044
2897	52.2323	242.1681	259.6848	249	122.5994	1.74991
2898	52.2493	237.3893	260.1826	250	122.5994	1.74938
2899	52.2663	232.1085	261.7207	251	122.5994	1.74886
2900	52.2833	251.284	263.1381	251	122.5994	1.74833
2901	52.3003	250.9157	266.0905	252	122.5994	1.7478
2902	52.3173	262.4148	268.709	253	122.5994	1.74727
2903	52.3343	256.8392	270.0681	254	122.5994	1.74674
2904	52.3513	260.0554	269.2784	254	122.5994	1.74622
2905	52.3683	259.8349	269.4441	255	122.5994	1.74569
2906	52.3853	248.0564	269.2857	255	122.5994	1.74516
2907	52.4023	247.9585	269.5257	255	122.5994	1.74464
2908	52.4193	244.8081	269.3403	255	122.5994	1.74411
2909	52.4363	257.9101	268.5721	255	122.5994	1.74359
2910	52.4533	265.143	267.8523	255	122.5994	1.74306
2911	52.4703	252.6479	268.5197	256	122.5994	1.74254
2912	52.4873	256.6351	268.7962	256	122.5994	1.74201
2913	52.5043	254.0255	269.679	256	122.5994	1.74149
2914	52.5213	234.9761	270.7808	256	122.5994	1.74096
2915	52.5383	238.7621	271.7009	256	122.5994	1.74044
2916	52.5553	271.3265	272.001	256	122.5994	1.73992
2917	52.5723	267.5949	271.365	256	122.5994	1.73939
2918	52.5893	269.8996	269.7863	256	122.5994	1.73887
2919	52.6063	252.0179	267.7243	256	122.5994	1.73835
2920	52.6233	267.2865	266.0024	256	122.5994	1.73783
2921	52.6403	261.4338	264.9745	256	122.5994	1.73731
2922	52.6573	264.7468	264.5182	256	122.5994	1.73679
2923	52.6743	235.5005	264.3504	256	122.5994	1.73627
2924	52.6913	279.7573	265.2766	257	122.5994	1.73575
2925	52.7083	241.3185	265.0936	257	122.5994	1.73523
2926	52.7253	254.7531	264.6317	257	122.5994	1.73471
2927	52.7423	235.0734	263.8878	257	122.5994	1.73419
2928	52.7593	255.4976	263.2164	257	122.5994	1.73367
2929	52.7763	262.4725	262.9192	257	122.5994	1.73315
2930	52.7933	256.3802	263.0728	257	122.5994	1.73263
2931	52.8103	272.0833	263.9586	257	122.5994	1.73212
2932	52.8273	269.1452	265.4554	257	122.5994	1.7316
2933	52.8443	272.5702	267.2964	257	122.5994	1.73108
2934	52.8613	275.5336	268.7776	257	122.5994	1.73056
2935	52.8783	271.4475	268.9963	257	122.5994	1.73005
2936	52.8953	244.2804	268.094	257	122.5994	1.72953
2937	52.9123	251.2592	267.0846	257	122.5994	1.72902
2938	52.9293	259.8691	266.5891	257	122.5994	1.7285

2939	52.9463	261.0317	266.6812	257	122.5994	1.72799
2940	52.9633	257.5567	267.1955	257	122.5994	1.72747
2941	52.9803	259.9318	268.0773	257	122.5994	1.72696
2942	52.9973	249.3333	269.2374	257	122.5994	1.72644
2943	53.0143	237.4556	270.5184	257	122.5994	1.72593
2944	53.0313	246.4412	271.7284	257	122.5994	1.72542
2945	53.0483	274.3867	273.064	257	122.5994	1.7249
2946	53.0653	272.9432	274.3304	257	122.5994	1.72439
2947	53.0823	275.43	275.0332	257	122.5994	1.72388
2948	53.0993	257.874	275.3794	257	122.5994	1.72337
2949	53.1163	255.9754	275.7698	257	122.5994	1.72286
2950	53.1333	266.3698	276.3334	257	122.5994	1.72234
2951	53.1503	295.133	277.1689	257	122.5994	1.72183
2952	53.1673	284.9957	277.993	257	122.5994	1.72132
2953	53.1843	266.069	277.967	257	122.5994	1.72081
2954	53.2013	268.5424	276.7575	257	122.5994	1.7203
2955	53.2183	284.9577	274.9291	257	122.5994	1.71979
2956	53.2353	279.3245	273.2188	257	122.5994	1.71928
2957	53.2523	280.522	272.0724	257	122.5994	1.71878
2958	53.2693	292.382	271.2966	257	122.5994	1.71827
2959	53.2863	277.3181	270.5461	257	122.5994	1.71776
2960	53.3033	277.7874	269.7248	257	122.5994	1.71725
2961	53.3203	264.1577	268.6528	257	122.5994	1.71674
2962	53.3373	281.8753	267.1123	257	122.5994	1.71624
2963	53.3543	289.8887	265.3887	257	122.5994	1.71573
2964	53.3713	291.6056	263.9276	257	122.5994	1.71522
2965	53.3883	279.3364	262.873	257	122.5994	1.71472
2966	53.4053	280.9131	262.216	257	122.5994	1.71421
2967	53.4223	284.9672	261.8304	257	122.5994	1.71371
2968	53.4393	274.3775	261.6238	257	122.5994	1.7132
2969	53.4563	275.1341	261.6163	257	122.5994	1.7127
2970	53.4733	275.5336	261.6451	257	122.5994	1.71219
2971	53.4903	229.9194	261.5098	257	122.5994	1.71169
2972	53.5073	277.9167	261.0981	257	122.5994	1.71118
2973	53.5243	263.537	260.5351	257	122.5994	1.71068
2974	53.5413	275.1139	259.9761	257	122.5994	1.71018
2975	53.5583	256.1821	259.6279	257	122.5994	1.70968
2976	53.5753	256.2613	259.5328	257	122.5994	1.70917
2977	53.5923	280.7107	259.7231	257	122.5994	1.70867
2978	53.6093	234.4	259.1573	256	122.5994	1.70817
2979	53.6263	240.6973	259.8091	256	122.5994	1.70767
2980	53.6433	245.6175	259.6382	255	122.5994	1.70717
2981	53.6603	237.5033	259.6572	254	122.5994	1.70667
2982	53.6773	241.5976	260.6969	254	122.5994	1.70617
2983	53.6943	248.6017	260.3098	253	122.5994	1.70567
2984	53.7113	240.0294	260.1111	253	122.5994	1.70517
2985	53.7283	231.9775	258.2516	252	122.5994	1.70467
2986	53.7453	257.0222	256.398	251	122.5994	1.70417
2987	53.7623	248.8931	255.9982	251	122.5994	1.70367

2988	53.7793	243.9558	255.2657	250	122.5994	1.70317
2989	53.7963	237.1916	256.1183	250	122.5994	1.70267
2990	53.8133	238.1018	255.9947	249	122.5994	1.70217
2991	53.8303	246.5515	255.3552	248	122.5994	1.70168
2992	53.8473	261.5464	254.9887	248	122.5994	1.70118
2993	53.8643	262.0148	253.0862	247	122.5994	1.70068
2994	53.8813	247.3075	251.104	246	122.5994	1.70019
2995	53.8983	239.272	250.3728	246	122.5994	1.69969
2996	53.9153	250.7202	249.107	245	122.5994	1.69919
2997	53.9323	243.0222	248.2807	244	122.5994	1.6987
2998	53.9493	229.4553	248.8233	244	122.5994	1.6982
2999	53.9663	243.6969	248.3972	243	122.5994	1.69771
3000	53.9833	249.3107	248.9597	243	122.5994	1.69721
3001	54.0003	236.6297	248.4605	242	122.5994	1.69672
3002	54.0173	232.7574	250.0361	243	122.5994	1.69623
3003	54.0343	260.5785	252.5932	245	122.5994	1.69573
3004	54.0513	259.0526	253.804	246	122.5994	1.69524
3005	54.0683	254.5414	254.64	247	122.5994	1.69475
3006	54.0853	242.7537	255.4441	248	122.5994	1.69425
3007	54.1023	244.6089	257.4539	250	122.5994	1.69376
3008	54.1193	247.4697	258.7432	251	122.5994	1.69327
3009	54.1363	255.6371	260.2818	252	122.5994	1.69278
3010	54.1533	271.3233	262.877	254	122.5994	1.69229
3011	54.1703	241.5815	264.4532	255	122.5994	1.6918
3012	54.1873	240.6947	265.8561	256	122.5994	1.69131
3013	54.2043	258.7922	267.8011	258	122.5994	1.69082
3014	54.2213	257.0791	268.2426	259	122.5994	1.69033
3015	54.2383	272.6637	268.4796	260	122.5994	1.68984
3016	54.2553	266.9308	269.033	261	122.5994	1.68935
3017	54.2723	277.4524	271.228	263	122.5994	1.68886
3018	54.2893	255.0725	273.1784	264	122.5994	1.68837
3019	54.3063	283.4896	275.857	265	122.5994	1.68788
3020	54.3233	254.2341	280.0394	267	122.5994	1.68739
3021	54.3403	294.9191	283.0262	268	122.5994	1.6869
3022	54.3573	275.5967	285.317	269	122.5994	1.68642
3023	54.3743	275.3875	287.1228	270	122.5994	1.68593
3024	54.3913	268.8527	289.4167	272	122.5994	1.68544
3025	54.4083	266.5252	291.8029	273	122.5994	1.68496
3026	54.4253	279.8053	291.8488	274	122.5994	1.68447
3027	54.4423	286.0964	290.8751	274	122.5994	1.68398
3028	54.4593	263.6872	291.1098	275	122.5994	1.6835
3029	54.4763	278.4976	291.5477	276	122.5994	1.68301
3030	54.4933	306.1696	291.0869	276	122.5994	1.68253
3031	54.5103	272.9298	291.8117	277	122.5994	1.68204
3032	54.5273	272.7018	291.852	277	122.5994	1.68156
3033	54.5443	260.13	293.9825	278	122.5994	1.68108
3034	54.5613	250.397	295.0692	279	122.5994	1.68059
3035	54.5783	252.3632	295.0297	279	122.5994	1.68011
3036	54.5953	275.5967	295.9495	280	122.5994	1.67963

3037	54.6123	272.3416	295.7478	280	122.5994	1.67914
3038	54.6293	276.1286	296.4435	281	122.5994	1.67866
3039	54.6463	289.6	297.1861	282	122.5994	1.67818
3040	54.6633	277.5716	297.168	282	122.5994	1.6777
3041	54.6803	274.2412	298.5772	283	122.5994	1.67722
3042	54.6973	276.5292	300.4679	284	122.5994	1.67674
3043	54.7143	302.8124	301.645	284	122.5994	1.67625
3044	54.7313	312.5187	304.1408	285	122.5994	1.67577
3045	54.7483	304.4572	307.2465	286	122.5994	1.67529
3046	54.7653	322.6137	310.1371	286	122.5994	1.67481
3047	54.7823	341.1439	314.6684	287	122.5994	1.67433
3048	54.7993	356.0721	318.3609	287	122.5994	1.67386
3049	54.8163	397.8148	322.8328	288	122.5994	1.67338
3050	54.8333	471.1071	326.2734	288	122.5994	1.6729
3051	54.8503	548.0864	330.5786	288	122.5994	1.67242
3052	54.8673	630.5319	336.9688	288	122.5994	1.67194
3053	54.8843	769.5512	347.6966	288	122.5994	1.67146
3054	54.9013	867.9577	367.235	288	122.5994	1.67099
3055	54.9183	953.303	402.6656	288	122.5994	1.67051
3056	54.9353	938.936	462.4892	288	122.5994	1.67003
3057	54.9523	745.0739	551.9085	288	122.5994	1.66956
3058	54.9693	553.6837	665.8082	288	122.5994	1.66908
3059	54.9863	486.814	778.7234	288	122.5994	1.6686
3060	55.0033	476.0977	838.7358	288	122.5994	1.66813
3061	55.0203	482.5509	807.0421	288	122.5994	1.66765
3062	55.0373	555.0806	710.0632	287	122.5994	1.66718
3063	55.0543	600.5695	608.3999	287	122.5994	1.6667
3064	55.0713	650.4962	535.4069	287	122.5994	1.66623
3065	55.0883	590.8924	503.6246	287	122.5994	1.66576
3066	55.1053	480.9977	511.7094	287	122.5994	1.66528
3067	55.1223	402.3967	546.9126	287	122.5994	1.66481
3068	55.1393	342.7656	584.6031	287	122.5994	1.66434
3069	55.1563	356.7785	591.9651	287	122.5994	1.66386
3070	55.1733	323.4936	555.7507	287	122.5994	1.66339
3071	55.1903	309.2251	495.9922	287	122.5994	1.66292
3072	55.2073	299.7934	437.9842	287	122.5994	1.66245
3073	55.2243	306.9815	392.9617	287	122.5994	1.66197
3074	55.2413	312.0014	362.7973	287	122.5994	1.6615
3075	55.2583	310.4053	344.7627	287	122.5994	1.66103
3076	55.2753	359.116	334.3812	287	122.5994	1.66056
3077	55.2923	366.5014	327.9816	287	122.5994	1.66009
3078	55.3093	375.3558	323.7049	287	122.5994	1.65962
3079	55.3263	444.2113	320.9143	287	122.5994	1.65915
3080	55.3433	457.2885	319.218	287	122.5994	1.65868
3081	55.3603	530.2747	318.0242	287	122.5994	1.65821
3082	55.3773	566.7084	317.0322	287	122.5994	1.65774
3083	55.3943	474.513	316.6117	287	122.5994	1.65728
3084	55.4113	406.9614	317.357	287	122.5994	1.65681
3085	55.4283	367.0955	319.2213	286	122.5994	1.65634

3086	55.4453	361.493	325.6328	286	122.5994	1.65587
3087	55.4623	367.076	338.2533	286	122.5994	1.65541
3088	55.4793	383.049	360.6301	286	122.5994	1.65494
3089	55.4963	409.7918	395.9596	286	122.5994	1.65447
3090	55.5133	435.4117	444.5141	286	122.5994	1.65401
3091	55.5303	451.8936	499.8358	286	122.5994	1.65354
3092	55.5473	451.8309	544.3922	286	122.5994	1.65307
3093	55.5643	490.2289	552.3777	286	122.5994	1.65261
3094	55.5813	522.7778	518.2143	286	122.5994	1.65214
3095	55.5983	542.3558	466.5419	286	122.5994	1.65168
3096	55.6153	530.2859	421.6239	286	122.5994	1.65121
3097	55.6323	449.4555	394.9616	286	122.5994	1.65075
3098	55.6493	387.8555	386.325	285	122.5994	1.65028
3099	55.6663	334.9384	397.2846	285	122.5994	1.64982
3100	55.6833	337.9745	414.4733	284	122.5994	1.64936
3101	55.7003	362.9289	428.28	283	122.5994	1.64889
3102	55.7173	371.469	423.3357	282	122.5994	1.64843
3103	55.7343	401.8954	400.1323	282	122.5994	1.64797
3104	55.7513	415.2589	369.3832	281	122.5994	1.64751
3105	55.7683	406.5637	342.2336	280	122.5994	1.64704
3106	55.7853	363.1131	323.3024	280	122.5994	1.64658
3107	55.8023	341.1426	310.2942	279	122.5994	1.64612
3108	55.8193	323.0815	302.2709	278	122.5994	1.64566
3109	55.8363	308.0957	297.0518	277	122.5994	1.6452
3110	55.8533	296.9131	294.2723	277	122.5994	1.64474
3111	55.8703	256.4751	291.2548	276	122.5994	1.64428
3112	55.8873	280.3664	288.8741	275	122.5994	1.64382
3113	55.9043	272.6367	288.1595	275	122.5994	1.64336
3114	55.9213	275.5309	287.0732	274	122.5994	1.6429
3115	55.9383	292.3955	286.4461	273	122.5994	1.64244
3116	55.9553	262.1914	287.0573	273	122.5994	1.64198
3117	55.9723	253.2155	286.6717	272	122.5994	1.64152
3118	55.9893	264.2353	284.4278	271	122.5994	1.64107
3119	56.0063	285.7985	284.2722	270	122.5994	1.64061
3120	56.0233	253.5435	285.4431	270	122.5994	1.64015
3121	56.0403	262.6374	285.2874	269	122.5994	1.63969
3122	56.0573	282.1166	283.9876	268	122.5994	1.63924
3123	56.0743	262.9798	282.9506	268	122.5994	1.63878
3124	56.0913	261.9156	281.0295	267	122.5994	1.63832
3125	56.1083	241.8615	280.4423	267	122.5994	1.63787
3126	56.1253	230.8508	278.8117	266	122.5994	1.63741
3127	56.1423	249.6733	277.0035	265	122.5994	1.63696
3128	56.1593	258.7896	276.4132	265	122.5994	1.6365
3129	56.1763	280.1901	275.1752	264	122.5994	1.63605
3130	56.1933	271.3397	274.7305	264	122.5994	1.63559
3131	56.2103	246.383	272.7399	263	122.5994	1.63514
3132	56.2273	230.7872	271.476	263	122.5994	1.63468
3133	56.2443	257.224	269.4018	262	122.5994	1.63423
3134	56.2613	250.1907	267.6619	261	122.5994	1.63378

3135	56.2783	246.6634	267.1258	261	122.5994	1.63332
3136	56.2953	239.6325	265.6631	260	122.5994	1.63287
3137	56.3123	221.782	265.3802	260	122.5994	1.63242
3138	56.3293	241.8856	263.6268	259	122.5994	1.63196
3139	56.3463	246.2719	262.1194	258	122.5994	1.63151
3140	56.3633	222.617	261.4821	258	122.5994	1.63106
3141	56.3803	216.8273	259.9589	257	122.5994	1.63061
3142	56.3973	229.0781	259.7195	257	122.5994	1.63016
3143	56.4143	235.9221	258.7359	256	122.5994	1.62971
3144	56.4313	255.0436	259.0284	256	122.5994	1.62926
3145	56.4483	261.471	258.5886	255	122.5994	1.62881
3146	56.4653	244.4976	259.5314	255	122.5994	1.62836
3147	56.4823	268.2522	259.9626	254	122.5994	1.62791
3148	56.4993	263.5396	261.8411	254	122.5994	1.62746
3149	56.5163	246.7654	262.9287	253	122.5994	1.62701
3150	56.5333	236.3405	264.4225	253	122.5994	1.62656
3151	56.5503	195.9788	263.148	252	122.5994	1.62611
3152	56.5673	216.8853	261.2767	252	122.5994	1.62566
3153	56.5843	261.052	259.1341	252	122.5994	1.62521
3154	56.6013	226.9591	256.5531	251	122.5994	1.62477
3155	56.6183	250.8884	255.9294	251	122.5994	1.62432
3156	56.6353	228.6327	255.2349	250	122.5994	1.62387
3157	56.6523	247.2859	256.4057	250	122.5994	1.62342
3158	56.6693	243.8518	258.1993	250	122.5994	1.62298
3159	56.6863	234.5449	258.6386	249	122.5994	1.62253
3160	56.7033	231.1096	259.3381	249	122.5994	1.62209
3161	56.7203	213.3432	258.4973	248	122.5994	1.62164
3162	56.7373	261.9482	258.5858	248	122.5994	1.62119
3163	56.7543	221.8864	257.4681	247	122.5994	1.62075
3164	56.7713	220.2591	256.7589	247	122.5994	1.6203
3165	56.7883	240.227	255.5864	247	122.5994	1.61986
3166	56.8053	241.156	253.6162	246	122.5994	1.61941
3167	56.8223	248.5409	253.2843	246	122.5994	1.61897
3168	56.8393	241.1131	252.3597	245	122.5994	1.61853
3169	56.8563	247.5572	252.6592	245	122.5994	1.61808
3170	56.8733	248.7565	252.8932	245	122.5994	1.61764
3171	56.8903	231.6477	253.1153	245	122.5994	1.6172
3172	56.9073	241.3308	253.1372	245	122.5994	1.61675
3173	56.9243	252.5545	252.8905	245	122.5994	1.61631
3174	56.9413	218.0378	251.6142	244	122.5994	1.61587
3175	56.9583	230.1311	251.6133	244	122.5994	1.61543
3176	56.9753	231.8873	251.8008	244	122.5994	1.61499
3177	56.9923	235.1074	251.7248	244	122.5994	1.61454
3178	57.0093	233.7781	251.1527	244	122.5994	1.6141
3179	57.0263	249.6733	250.279	244	122.5994	1.61366
3180	57.0433	239.7551	249.5667	244	122.5994	1.61322
3181	57.0603	231.4632	249.1777	244	122.5994	1.61278
3182	57.0773	234.8013	249.2052	244	122.5994	1.61234
3183	57.0943	235.1211	249.6799	244	122.5994	1.6119

3184	57.1113	241.8799	249.5638	243	122.5994	1.61146
3185	57.1283	241.8061	250.7639	243	122.5994	1.61102
3186	57.1453	240.1101	252.1676	243	122.5994	1.61058
3187	57.1623	240.5524	253.9052	243	122.5994	1.61015
3188	57.1793	234.6049	256.7579	243	122.5994	1.60971
3189	57.1963	233.4223	261.8676	243	122.5994	1.60927
3190	57.2133	252.6926	270.1691	243	122.5994	1.60883
3191	57.2303	252.3153	281.9837	243	122.5994	1.60839
3192	57.2473	265.6058	296.4529	243	122.5994	1.60796
3193	57.2643	266.6746	309.973	242	122.5994	1.60752
3194	57.2813	278.6677	318.7292	242	122.5994	1.60708
3195	57.2983	295.5402	316.2013	242	122.5994	1.60665
3196	57.3153	259.95	305.1089	242	122.5994	1.60621
3197	57.3323	241.6868	292.2304	242	122.5994	1.60578
3198	57.3493	225.9162	282.0189	242	122.5994	1.60534
3199	57.3663	219.5859	276.5602	242	122.5994	1.6049
3200	57.3833	234.121	276.4144	242	122.5994	1.60447
3201	57.4003	245.0873	280.8951	242	122.5994	1.60403
3202	57.4173	249.2179	288.0951	242	122.5994	1.6036
3203	57.4343	261.1313	293.3098	241	122.5994	1.60317
3204	57.4513	250.6826	293.9456	241	122.5994	1.60273
3205	57.4683	246.7178	287.9477	241	122.5994	1.6023
3206	57.4853	243.4626	278.2098	241	122.5994	1.60186
3207	57.5023	222.4417	268.329	241	122.5994	1.60143
3208	57.5193	272.1728	260.4318	241	122.5994	1.601
3209	57.5363	252.096	255.1799	241	122.5994	1.60057
3210	57.5533	223.5419	252.4046	241	122.5994	1.60013
3211	57.5703	253.3464	251.5407	241	122.5994	1.5997
3212	57.5873	217.1274	251.8739	241	122.5994	1.59927
3213	57.6043	229.3368	251.5293	240	122.5994	1.59884
3214	57.6213	236.7106	251.5354	240	122.5994	1.59841
3215	57.6383	218.7303	250.5774	240	122.5994	1.59798
3216	57.6553	248.0309	249.1811	240	122.5994	1.59755
3217	57.6723	240.227	247.9591	240	122.5994	1.59711
3218	57.6893	240.9599	247.0623	240	122.5994	1.59668
3219	57.7063	244.8401	245.5648	239	122.5994	1.59625
3220	57.7233	253.8022	245.5619	239	122.5994	1.59582
3221	57.7403	261.1918	245.1269	238	122.5994	1.5954
3222	57.7573	252.5242	246.2995	238	122.5994	1.59497
3223	57.7743	255.1037	248.1278	238	122.5994	1.59454
3224	57.7913	249.7659	249.5899	237	122.5994	1.59411
3225	57.8083	257.1579	252.3983	237	122.5994	1.59368
3226	57.8253	255.512	254.7624	237	122.5994	1.59325
3227	57.8423	247.0322	254.3707	236	122.5994	1.59282
3228	57.8593	240.7072	252.6938	236	122.5994	1.5924
3229	57.8763	245.7003	249.9079	236	122.5994	1.59197
3230	57.8933	262.2052	246.2549	235	122.5994	1.59154
3231	57.9103	270.5713	244.4024	235	122.5994	1.59112
3232	57.9273	258.8543	242.3201	234	122.5994	1.59069

3233	57.9443	239.8187	242.3435	234	122.5994	1.59026
3234	57.9613	232.3532	243.0085	234	122.5994	1.58984
3235	57.9783	232.8512	242.9339	233	122.5994	1.58941
3236	57.9953	243.4776	243.4825	233	122.5994	1.58899
3237	58.0123	239.9266	242.1078	232	122.5994	1.58856
3238	58.0293	242.1054	241.2128	232	122.5994	1.58814
3239	58.0463	228.0848	240.3332	232	122.5994	1.58771
3240	58.0633	242.4139	238.8317	231	122.5994	1.58729
3241	58.0803	232.9654	238.0119	231	122.5994	1.58686
3242	58.0973	222.8343	237.1727	231	122.5994	1.58644
3243	58.1143	226.5234	237.3036	232	122.5994	1.58602
3244	58.1313	242.3507	236.6221	232	122.5994	1.58559
3245	58.1483	244.0225	236.1542	232	122.5994	1.58517
3246	58.1653	223.3878	237.0026	233	122.5994	1.58475
3247	58.1823	234.3247	237.0155	233	122.5994	1.58432
3248	58.1993	231.8536	238.2634	234	122.5994	1.5839
3249	58.2163	247.5315	238.8999	234	122.5994	1.58348
3250	58.2333	261.2181	239.4463	234	122.5994	1.58306
3251	58.2503	238.9594	240.985	235	122.5994	1.58264
3252	58.2673	225.646	241.5181	235	122.5994	1.58221
3253	58.2843	227.9008	242.9391	236	122.5994	1.58179
3254	58.3013	219.1373	243.0242	236	122.5994	1.58137
3255	58.3183	231.1456	242.7669	236	122.5994	1.58095
3256	58.3353	239.5286	243.4235	237	122.5994	1.58053
3257	58.3523	219.1881	243.2656	237	122.5994	1.58011
3258	58.3693	222.2746	243.39	237	122.5994	1.57969
3259	58.3863	226.1945	244.7292	238	122.5994	1.57927
3260	58.4033	236.4471	245.388	238	122.5994	1.57885
3261	58.4203	234.5891	246.1256	238	122.5994	1.57843
3262	58.4373	253.3846	248.0943	239	122.5994	1.57802
3263	58.4543	242.03	249.1519	239	122.5994	1.5776
3264	58.4713	244.5015	251.2247	240	122.5994	1.57718
3265	58.4883	227.1136	252.7216	240	122.5994	1.57676
3266	58.5053	238.7595	255.6635	241	122.5994	1.57634
3267	58.5223	256.2899	257.6849	241	122.5994	1.57593
3268	58.5393	259.1669	260.1909	242	122.5994	1.57551
3269	58.5563	240.4154	261.9484	243	122.5994	1.57509
3270	58.5733	239.3581	263.6408	244	122.5994	1.57468
3271	58.5903	250.7516	265.3333	244	122.5994	1.57426
3272	58.6073	250.443	269.6548	245	122.5994	1.57384
3273	58.6243	246.4664	275.8272	246	122.5994	1.57343
3274	58.6413	245.1433	282.9796	246	122.5994	1.57301
3275	58.6583	257.7002	292.9369	247	122.5994	1.5726
3276	58.6753	277.0846	303.9969	248	122.5994	1.57218
3277	58.6923	269.3349	314.3051	249	122.5994	1.57177
3278	58.7093	265.8203	320.6192	249	122.5994	1.57135
3279	58.7263	279.3735	323.1136	250	122.5994	1.57094
3280	58.7433	271.0124	320.358	251	122.5994	1.57052
3281	58.7603	261.037	315.3516	251	122.5994	1.57011

3282	58.7773	280.3062	314.43	252	122.5994	1.5697
3283	58.7943	273.9087	316.6891	253	122.5994	1.56928
3284	58.8113	254.3081	317.3615	253	122.5994	1.56887
3285	58.8283	245.4746	315.3112	254	122.5994	1.56846
3286	58.8453	272.1039	311.0753	255	122.5994	1.56804
3287	58.8623	280.9271	307.0602	256	122.5994	1.56763
3288	58.8793	246.4302	302.7874	256	122.5994	1.56722
3289	58.8963	245.7153	299.4102	257	122.5994	1.56681
3290	58.9133	259.4339	295.0577	257	122.5994	1.5664
3291	58.9303	267.6171	292.3097	257	122.5994	1.56599
3292	58.9473	243.1733	291.2866	257	122.5994	1.56557
3293	58.9643	255.4721	290.0684	257	122.5994	1.56516
3294	58.9813	237.8132	286.4543	257	122.5994	1.56475
3295	58.9983	244.9124	281.8264	258	122.5994	1.56434
3296	59.0153	249.346	276.3569	258	122.5994	1.56393
3297	59.0323	249.6161	272.4872	258	122.5994	1.56352
3298	59.0493	226.4773	270.614	258	122.5994	1.56311
3299	59.0663	233.7629	270.4197	258	122.5994	1.5627
3300	59.0833	225.1399	271.1066	258	122.5994	1.56229
3301	59.1003	259.0699	271.7987	258	122.5994	1.56189
3302	59.1173	228.4294	272.0634	258	122.5994	1.56148
3303	59.1343	243.483	272.1705	258	122.5994	1.56107
3304	59.1513	246.2529	272.4892	258	122.5994	1.56066
3305	59.1683	241.7431	272.8655	258	122.5994	1.56025
3306	59.1853	225.6504	272.4848	258	122.5994	1.55984
3307	59.2023	234.3881	271.2505	258	122.5994	1.55944
3308	59.2193	254.9939	270.8074	259	122.5994	1.55903
3309	59.2363	246.8832	269.6582	259	122.5994	1.55862
3310	59.2533	237.1907	268.9379	259	122.5994	1.55822
3311	59.2703	255.2877	268.4545	259	122.5994	1.55781
3312	59.2873	266.3629	268.2706	259	122.5994	1.5574
3313	59.3043	244.6088	268.378	259	122.5994	1.557
3314	59.3213	270.4179	268.6089	259	122.5994	1.55659
3315	59.3383	265.6752	269.3962	260	122.5994	1.55619
3316	59.3553	228.977	268.929	260	122.5994	1.55578
3317	59.3723	243.1299	268.9724	261	122.5994	1.55538
3318	59.3893	264.4638	267.9401	261	122.5994	1.55497
3319	59.4063	267.6061	268.0789	262	122.5994	1.55457
3320	59.4233	270.1214	267.5182	262	122.5994	1.55416
3321	59.4403	259.679	268.0943	263	122.5994	1.55376
3322	59.4573	274.126	267.907	263	122.5994	1.55336
3323	59.4743	272.2714	267.6927	263	122.5994	1.55295
3324	59.4913	246.5229	268.3113	264	122.5994	1.55255
3325	59.5083	240.0174	274.8731	264	122.5994	1.55215
3326	59.5253	244.2623	276.0602	265	122.5994	1.55174
3327	59.5423	254.5822	276.364	265	122.5994	1.55134
3328	59.5593	254.1107	277.8614	266	122.5994	1.55094
3329	59.5763	245.2296	281.1431	266	122.5994	1.55054
3330	59.5933	281.6509	283.4903	267	122.5994	1.55014

3331	59.6103	306.2908	285.343	267	122.5994	1.54973
3332	59.6273	283.4166	288.665	268	122.5994	1.54933
3333	59.6443	270.0084	291.3036	268	122.5994	1.54893
3334	59.6613	271.2825	293.9577	268	122.5994	1.54853
3335	59.6783	279.5685	297.5467	269	122.5994	1.54813
3336	59.6953	264.8475	300.292	269	122.5994	1.54773
3337	59.7123	301.2737	304.0276	270	122.5994	1.54733
3338	59.7293	313.3318	306.0359	270	122.5994	1.54693
3339	59.7463	307.4777	307.1177	270	122.5994	1.54653
3340	59.7633	324.2219	308.4215	270	122.5994	1.54613
3341	59.7803	309.19	310.9689	270	122.5994	1.54573
3342	59.7973	334.8417	315.1559	270	122.5994	1.54533
3343	59.8143	345.3204	320.9988	270	122.5994	1.54494
3344	59.8313	335.6439	327.436	269	122.5994	1.54454
3345	59.8483	378.0514	336.5838	269	122.5994	1.54414
3346	59.8653	407.2245	348.1319	269	122.5994	1.54374
3347	59.8823	453.3489	363.4423	269	122.5994	1.54334
3348	59.8993	540.2465	385.5888	269	122.5994	1.54295
3349	59.9163	684.948	422.1979	269	122.5994	1.54255
3350	59.9333	926.3942	487.9603	269	122.5994	1.54215
3351	59.9503	1094.15	604.9734	269	122.5994	1.54176
3352	59.9673	1485.181	797.2715	269	122.5994	1.54136
3353	59.9843	1747.508	1076.146	269	122.5994	1.54096
3354	60.0013	1970.462	1416.621	269	122.5994	1.54057
3355	60.0183	1780.223	1726.874	269	122.5994	1.54017
3356	60.0353	1332.417	1844.756	269	122.5994	1.53978
3357	60.0523	1014.847	1687.754	269	122.5994	1.53938
3358	60.0693	777.5406	1376.421	269	122.5994	1.53899
3359	60.0863	752.2203	1069.098	269	122.5994	1.53859
3360	60.1033	762.671	849.4275	269	122.5994	1.5382
3361	60.1203	858.8196	744.3055	269	122.5994	1.5378
3362	60.1373	968.173	749.2132	269	122.5994	1.53741
3363	60.1543	1039.438	841.0934	269	122.5994	1.53701
3364	60.1713	1039.249	978.5021	269	122.5994	1.53662
3365	60.1883	928.4764	1089.697	269	122.5994	1.53623
3366	60.2053	771.2648	1088.044	269	122.5994	1.53583
3367	60.2223	605.9131	961.9511	269	122.5994	1.53544
3368	60.2393	481.6315	786.308	269	122.5994	1.53505
3369	60.2563	398.8344	625.8419	269	122.5994	1.53466
3370	60.2733	358.8801	506.6027	269	122.5994	1.53426
3371	60.2903	355.2388	429.6302	269	122.5994	1.53387
3372	60.3073	328.8841	383.7971	268	122.5994	1.53348
3373	60.3243	332.5296	358.7487	268	122.5994	1.53309
3374	60.3413	313.5896	343.9845	268	122.5994	1.5327
3375	60.3583	300.6982	333.6644	268	122.5994	1.53231
3376	60.3753	289.3269	325.4067	268	122.5994	1.53192
3377	60.3923	264.2393	318.747	268	122.5994	1.53153
3378	60.4093	286.9205	313.4931	268	122.5994	1.53113
3379	60.4263	288.7373	309.5466	268	122.5994	1.53074

3380	60.4433	282.2776	295.4924	268	122.5994	1.53035
3381	60.4603	272.5847	294.958	268	122.5994	1.52997
3382	60.4773	254.513	295.4442	268	122.5994	1.52958
3383	60.4943	269.5822	296.552	268	122.5994	1.52919
3384	60.5113	250.1113	297.2765	268	122.5994	1.5288
3385	60.5283	264.1581	296.7151	268	122.5994	1.52841
3386	60.5453	277.2017	294.2886	267	122.5994	1.52802
3387	60.5623	293.4064	292.4551	267	122.5994	1.52763
3388	60.5793	289.8222	288.8866	266	122.5994	1.52724
3389	60.5963	270.995	286.0283	266	122.5994	1.52686
3390	60.6133	275.0594	282.7817	265	122.5994	1.52647
3391	60.6303	245.261	281.6259	265	122.5994	1.52608
3392	60.6473	255.5495	280.6301	264	122.5994	1.52569
3393	60.6643	246.6251	281.4896	264	122.5994	1.52531
3394	60.6813	292.4818	281.5165	263	122.5994	1.52492
3395	60.6983	298.3815	282.0289	263	122.5994	1.52453
3396	60.7153	264.807	280.9178	262	122.5994	1.52415
3397	60.7323	247.796	280.3879	262	122.5994	1.52376
3398	60.7493	270.0524	278.4993	261	122.5994	1.52338
3399	60.7663	310.1508	276.6135	260	122.5994	1.52299
3400	60.7833	282.9184	276.0185	260	122.5994	1.52261
3401	60.8003	267.2592	272.0625	259	122.5994	1.52222
3402	60.8173	271.511	272.0728	259	122.5994	1.52184
3403	60.8343	254.1139	271.155	258	122.5994	1.52145
3404	60.8513	261.329	271.2485	258	122.5994	1.52107
3405	60.8683	270.59	270.2379	257	122.5994	1.52068
3406	60.8853	272.0836	269.848	257	122.5994	1.5203
3407	60.9023	257.8791	267.8174	256	122.5994	1.51992
3408	60.9193	256.438	266.4235	256	122.5994	1.51953
3409	60.9363	266.2108	264.0481	255	122.5994	1.51915
3410	60.9533	243.56	262.9699	255	122.5994	1.51877
3411	60.9703	250.7906	262.1978	255	122.5994	1.51838
3412	60.9873	257.8339	261.6691	255	122.5994	1.518
3413	61.0043	269.8075	261.2684	255	122.5994	1.51762
3414	61.0213	281.38	260.9641	255	122.5994	1.51724
3415	61.0383	275.4348	260.7595	255	122.5994	1.51685
3416	61.0553	263.8464	260.5127	255	122.5994	1.51647
3417	61.0723	262.5194	260.078	255	122.5994	1.51609
3418	61.0893	246.1571	259.5733	255	122.5994	1.51571
3419	61.1063	254.3908	259.1922	255	122.5994	1.51533
3420	61.1233	256.318	259.1279	255	122.5994	1.51495
3421	61.1403	253.9156	258.2886	254	122.5994	1.51457
3422	61.1573	267.1635	258.5228	254	122.5994	1.51419
3423	61.1743	276.3985	258.5627	254	122.5994	1.51381
3424	61.1913	255.7643	258.5879	254	122.5994	1.51343
3425	61.2083	247.6112	258.5091	254	122.5994	1.51305
3426	61.2253	267.5837	258.4008	254	122.5994	1.51267
3427	61.2423	266.218	258.2544	254	122.5994	1.51229
3428	61.2593	262.4148	258.1216	254	122.5994	1.51191

3429	61.2763	252.7737	258.0332	254	122.5994	1.51153
3430	61.2933	242.2981	258.0567	254	122.5994	1.51115
3431	61.3103	242.7173	258.0871	254	122.5994	1.51078
3432	61.3273	248.5571	257.9824	254	122.5994	1.5104
3433	61.3443	239.0851	257.8346	254	122.5994	1.51002
3434	61.3613	282.0578	257.834	254	122.5994	1.50964
3435	61.3783	262.5517	258.0604	254	122.5994	1.50926
3436	61.3953	233.5979	257.6657	253	122.5994	1.50889
3437	61.4123	254.2827	258.7776	253	122.5994	1.50851
3438	61.4293	223.6379	260.4306	253	122.5994	1.50813
3439	61.4463	261.3794	262.3237	253	122.5994	1.50776
3440	61.4633	275.4621	263.7424	253	122.5994	1.50738
3441	61.4803	295.487	262.5842	252	122.5994	1.50701
3442	61.4973	274.9216	260.9707	252	122.5994	1.50663
3443	61.5143	259.8206	259.0203	252	122.5994	1.50625
3444	61.5313	270.8219	257.4463	252	122.5994	1.50588
3445	61.5483	290.7278	255.5111	251	122.5994	1.5055
3446	61.5653	275.9451	255.2443	251	122.5994	1.50513
3447	61.5823	279.349	255.5501	251	122.5994	1.50475
3448	61.5993	281.1645	256.3518	251	122.5994	1.50438
3449	61.6163	273.6774	257.4353	251	122.5994	1.504
3450	61.6333	272.0481	257.4737	250	122.5994	1.50363
3451	61.6503	293.4472	258.1181	250	122.5994	1.50326
3452	61.6673	281.4393	258.8049	250	122.5994	1.50288
3453	61.6843	272.5756	260.4824	250	122.5994	1.50251
3454	61.7013	287.2532	263.8593	250	122.5994	1.50214
3455	61.7183	294.9897	267.6842	249	122.5994	1.50176
3456	61.7353	282.1788	272.6086	249	122.5994	1.50139
3457	61.7523	265.1217	274.8085	249	122.5994	1.50102
3458	61.7693	260.1142	272.8708	249	122.5994	1.50065
3459	61.7863	278.2476	268.858	249	122.5994	1.50027
3460	61.8033	276.4679	263.952	248	122.5994	1.4999
3461	61.8203	285.2296	260.845	248	122.5994	1.49953
3462	61.8373	275.0998	258.6838	248	122.5994	1.49916
3463	61.8543	257.6144	257.7262	248	122.5994	1.49879
3464	61.8713	266.0287	258.2459	248	122.5994	1.49842
3465	61.8883	282.6889	258.9032	247	122.5994	1.49805
3466	61.9053	288.9723	260.9513	247	122.5994	1.49768
3467	61.9223	281.3044	261.9183	247	122.5994	1.49731
3468	61.9393	275.5336	260.9176	247	122.5994	1.49694
3469	61.9563	257.6161	257.9118	246	122.5994	1.49657
3470	61.9733	242.4731	255.9598	246	122.5994	1.4962
3471	61.9903	261.4532	254.331	246	122.5994	1.49583
3472	62.0073	272.2239	252.9659	246	122.5994	1.49546
3473	62.0243	272.2239	251.8296	246	122.5994	1.49509
3474	62.0413	267.5231	250.0877	245	122.5994	1.49472
3475	62.0583	273.0424	249.7149	245	122.5994	1.49435
3476	62.0753	258.0984	249.7374	245	122.5994	1.49398
3477	62.0923	270.7714	250.2152	245	122.5994	1.49361

3478	62.1093	239.3833	251.1902	245	122.5994	1.49325
3479	62.1263	236.1727	251.7748	244	122.5994	1.49288
3480	62.1433	258.7534	253.9745	244	122.5994	1.49251
3481	62.1603	245.7472	256.4968	244	122.5994	1.49214
3482	62.1773	237.7682	257.6461	243	122.5994	1.49178
3483	62.1943	242.8943	258.8172	243	122.5994	1.49141
3484	62.2113	240.4095	258.2525	242	122.5994	1.49104
3485	62.2283	252.3176	259.0095	242	122.5994	1.49068
3486	62.2453	275.2361	259.6752	241	122.5994	1.49031
3487	62.2623	252.7345	262.6212	241	122.5994	1.48994
3488	62.2793	234.4055	265.4139	240	122.5994	1.48958
3489	62.2963	246.1626	268.4107	240	122.5994	1.48921
3490	62.3133	241.1653	267.4294	239	122.5994	1.48885
3491	62.3303	252.4949	264.5151	239	122.5994	1.48848
3492	62.3473	247.2206	259.8739	238	122.5994	1.48812
3493	62.3643	227.9881	257.0828	238	122.5994	1.48775
3494	62.3813	224.8094	254.4185	237	122.5994	1.48739
3495	62.3983	211.5524	252.7043	236	122.5994	1.48702
3496	62.4153	230.4139	252.4831	236	122.5994	1.48666
3497	62.4323	230.7449	251.7453	235	122.5994	1.48629
3498	62.4493	244.8224	252.6179	235	122.5994	1.48593
3499	62.4663	249.4229	252.443	234	122.5994	1.48557
3500	62.4833	224.5663	252.4034	234	122.5994	1.4852
3501	62.5003	234.8542	250.3303	233	122.5994	1.48484
3502	62.5173	242.315	249.2104	233	122.5994	1.48448
3503	62.5343	231.7726	247.4748	232	122.5994	1.48411
3504	62.5513	216.1188	246.9235	232	122.5994	1.48375
3505	62.5683	224.3499	245.5852	231	122.5994	1.48339
3506	62.5853	245.0037	245.5662	231	122.5994	1.48303
3507	62.6023	243.7697	244.7814	230	122.5994	1.48267
3508	62.6193	223.8844	244.7339	230	122.5994	1.4823
3509	62.6363	216.2518	244.3878	230	122.5994	1.48194
3510	62.6533	214.6062	244.5517	230	122.5994	1.48158
3511	62.6703	228.7355	244.7644	229	122.5994	1.48122
3512	62.6873	241.9177	246.7971	229	122.5994	1.48086
3513	62.7043	252.3522	248.9123	229	122.5994	1.4805
3514	62.7213	233.8865	249.802	228	122.5994	1.48014
3515	62.7383	225.1607	251.3707	228	122.5994	1.47978
3516	62.7553	231.0708	251.9054	228	122.5994	1.47942
3517	62.7723	247.2716	249.8262	227	122.5994	1.47906
3518	62.7893	243.3578	247.4075	227	122.5994	1.4787
3519	62.8063	254.6882	244.3219	227	122.5994	1.47834
3520	62.8233	235.6196	241.4206	227	122.5994	1.47798
3521	62.8403	227.2494	238.5667	226	122.5994	1.47762
3522	62.8573	230.2872	237.8998	226	122.5994	1.47726
3523	62.8743	226.3572	238.0271	226	122.5994	1.4769
3524	62.8913	260.2266	237.6409	225	122.5994	1.47655
3525	62.9083	232.7959	238.3549	225	122.5994	1.47619
3526	62.9253	267.6963	238.549	225	122.5994	1.47583

3527	62.9423	218.9546	237.8337	225	122.5994	1.47547
3528	62.9593	228.7388	235.6836	224	122.5994	1.47512
3529	62.9763	228.2624	234.5383	224	122.5994	1.47476
3530	62.9933	216.9425	233.6586	224	122.5994	1.4744
3531	63.0103	221.7078	234.1804	225	122.5994	1.47404
3532	63.0273	239.7522	234.0417	225	122.5994	1.47369
3533	63.0443	231.1132	235.5089	226	122.5994	1.47333
3534	63.0613	234.2264	236.3295	226	122.5994	1.47297
3535	63.0783	239.7557	236.912	226	122.5994	1.47262
3536	63.0953	229.5321	237.7575	227	122.5994	1.47226
3537	63.1123	251.01	237.1507	227	122.5994	1.47191
3538	63.1293	234.5864	237.7863	228	122.5994	1.47155
3539	63.1463	263.725	237.9858	228	122.5994	1.4712
3540	63.1633	248.6988	238.8133	228	122.5994	1.47084
3541	63.1803	239.8119	241.4347	229	122.5994	1.47049
3542	63.1973	227.8139	243.6864	229	122.5994	1.47013
3543	63.2143	254.8735	247.2125	230	122.5994	1.46978
3544	63.2313	251.6524	248.803	230	122.5994	1.46942
3545	63.2483	220.6344	248.5888	230	122.5994	1.46907
3546	63.2653	238.4016	247.9932	231	122.5994	1.46872
3547	63.2823	244.0977	245.9989	231	122.5994	1.46836
3548	63.2993	231.0708	245.6178	232	122.5994	1.46801
3549	63.3163	232.0541	245.3541	232	122.5994	1.46765
3550	63.3333	240.8288	246.3104	232	122.5994	1.4673
3551	63.3503	237.6646	249.4004	233	122.5994	1.46695
3552	63.3673	239.7108	252.0701	233	122.5994	1.4666
3553	63.3843	269.1784	254.9529	234	122.5994	1.46624
3554	63.4013	261.7727	253.9092	233	122.5994	1.46589
3555	63.4183	262.918	252.0654	233	122.5994	1.46554
3556	63.4353	245.231	249.7282	233	122.5994	1.46519
3557	63.4523	246.9242	247.9566	233	122.5994	1.46484
3558	63.4693	245.8441	247.0857	233	122.5994	1.46449
3559	63.4863	230.6939	246.5252	233	122.5994	1.46413
3560	63.5033	222.8689	246.3609	233	122.5994	1.46378
3561	63.5203	226.1944	246.9868	233	122.5994	1.46343
3562	63.5373	238.6485	248.2589	233	122.5994	1.46308
3563	63.5543	255.6231	249.3152	233	122.5994	1.46273
3564	63.5713	243.6347	249.3408	233	122.5994	1.46238
3565	63.5883	232.0347	246.8145	232	122.5994	1.46203
3566	63.6053	248.6273	245.0529	232	122.5994	1.46168
3567	63.6223	282.51	243.7283	232	122.5994	1.46133
3568	63.6393	282.2612	243.9311	232	122.5994	1.46098
3569	63.6563	271.2172	243.8695	232	122.5994	1.46063
3570	63.6733	248.7297	244.2441	232	122.5994	1.46028
3571	63.6903	243.3367	245.189	232	122.5994	1.45994
3572	63.7073	230.5795	246.8044	232	122.5994	1.45959
3573	63.7243	233.1935	248.8377	232	122.5994	1.45924
3574	63.7413	253.2949	250.8085	232	122.5994	1.45889
3575	63.7583	261.825	251.8493	232	122.5994	1.45854

3576	63.7753	274.4935	251.2795	231	122.5994	1.45819
3577	63.7923	272.4778	252.0271	231	122.5994	1.45785
3578	63.8093	278.6228	253.8987	231	122.5994	1.4575
3579	63.8263	282.2281	256.7394	231	122.5994	1.45715
3580	63.8433	259.2722	259.3009	231	122.5994	1.4568
3581	63.8603	272.8573	260.1447	231	122.5994	1.45646
3582	63.8773	292.8968	258.9886	231	122.5994	1.45611
3583	63.8943	299.9218	257.069	231	122.5994	1.45576
3584	63.9113	264.5653	255.7621	231	122.5994	1.45542
3585	63.9283	283.368	255.4085	231	122.5994	1.45507
3586	63.9453	268.8319	255.6326	231	122.5994	1.45473
3587	63.9623	294.4779	256.3775	231	122.5994	1.45438
3588	63.9793	324.0432	258.2243	231	122.5994	1.45404
3589	63.9963	337.6023	260.8512	231	122.5994	1.45369
3590	64.0133	397.4474	264.7043	231	122.5994	1.45335
3591	64.0303	428.4965	267.7186	231	122.5994	1.453
3592	64.0473	469.8648	272.0078	231	122.5994	1.45266
3593	64.0643	500.4862	278.9958	231	122.5994	1.45231
3594	64.0813	549.4392	288.7014	231	122.5994	1.45197
3595	64.0983	510.5422	297.8828	231	122.5994	1.45162
3596	64.1153	429.4005	301.407	231	122.5994	1.45128
3597	64.1323	378.5326	299.5054	231	122.5994	1.45094
3598	64.1493	334.9511	298.292	231	122.5994	1.45059
3599	64.1663	330.0928	303.8687	231	122.5994	1.45025
3600	64.1833	333.8184	321.4822	231	122.5994	1.44991
3601	64.2003	332.6774	355.5543	231	122.5994	1.44956
3602	64.2173	347.4016	406.9326	231	122.5994	1.44922
3603	64.2343	372.748	467.5518	230	122.5994	1.44888
3604	64.2513	392.2861	518.567	230	122.5994	1.44854
3605	64.2683	374.7557	528.9076	230	122.5994	1.44819
3606	64.2853	353.0004	492.1115	230	122.5994	1.44785
3607	64.3023	324.2038	433.0846	230	122.5994	1.44751
3608	64.3193	293.7123	376.8703	230	122.5994	1.44717
3609	64.3363	253.0279	336.1826	230	122.5994	1.44683
3610	64.3533	246.3316	314.8159	230	122.5994	1.44649
3611	64.3703	248.5846	312.0635	230	122.5994	1.44614
3612	64.3873	257.4968	325.0533	230	122.5994	1.4458
3613	64.4043	253.3005	348.6636	230	122.5994	1.44546
3614	64.4213	245.0361	373.8868	230	122.5994	1.44512
3615	64.4383	234.0286	386.2824	230	122.5994	1.44478
3616	64.4553	250.4647	374.9984	230	122.5994	1.44444
3617	64.4723	243.3886	347.4539	230	122.5994	1.4441
3618	64.4893	232.688	318.1207	230	122.5994	1.44376
3619	64.5063	220.8161	295.4872	230	122.5994	1.44342
3620	64.5233	219.0692	282.2784	230	122.5994	1.44308
3621	64.5403	227.0438	277.1438	230	122.5994	1.44275
3622	64.5573	244.7568	275.7871	230	122.5994	1.44241
3623	64.5743	199.4726	273.0067	230	122.5994	1.44207
3624	64.5913	241.185	267.224	230	122.5994	1.44173

3625	64.6083	237.3464	260.8151	230	122.5994	1.44139
3626	64.6253	234.0241	255.7663	230	122.5994	1.44105
3627	64.6423	233.9562	253.0908	230	122.5994	1.44071
3628	64.6593	224.9268	253.2819	230	122.5994	1.44038
3629	64.6763	225.9601	256.3821	230	122.5994	1.44004
3630	64.6933	241.058	261.7651	230	122.5994	1.4397
3631	64.7103	250.6713	267.4142	230	122.5994	1.43936
3632	64.7273	259.531	269.8828	230	122.5994	1.43903
3633	64.7443	261.0581	267.3787	230	122.5994	1.43869
3634	64.7613	254.469	261.8393	230	122.5994	1.43835
3635	64.7783	256.9691	255.1545	229	122.5994	1.43802
3636	64.7953	234.1212	251.6324	229	122.5994	1.43768
3637	64.8123	234.8373	250.9341	229	122.5994	1.43735
3638	64.8293	241.1811	252.618	229	122.5994	1.43701
3639	64.8463	250.1186	254.2668	229	122.5994	1.43667
3640	64.8633	239.7241	256.0832	229	122.5994	1.43634
3641	64.8803	237.0118	256.7134	229	122.5994	1.436
3642	64.8973	249.5588	256.4521	229	122.5994	1.43567
3643	64.9143	251.9772	254.8222	229	122.5994	1.43533
3644	64.9313	248.8015	252.0814	229	122.5994	1.435
3645	64.9483	234.7097	249.0306	229	122.5994	1.43466
3646	64.9653	228.3874	246.0337	229	122.5994	1.43433
3647	64.9823	229.1058	243.7207	229	122.5994	1.434

No.	Pos. [°2Th. lobs [cts]	lcalc [cts]	lback [cts]	CT [s]	ESD	D spacings
1	3.0003	2088.484	2088.484	2088.484	122.5994	29.42347
2	3.0173	2070.651	2062.922	2062.922	122.5994	29.25773
3	3.0343	2080.429	2037.36	2037.36	122.5994	29.09385
4	3.0513	1899.285	2011.798	2011.798	122.5994	28.9318
5	3.0683	1874.127	1986.237	1986.237	122.5994	28.77154
6	3.0853	1857.061	1960.675	1960.675	122.5994	28.61305
7	3.1023	1766.901	1935.113	1935.113	122.5994	28.45629
8	3.1193	1680.239	1909.551	1909.551	122.5994	28.30124
9	3.1363	1716.57	1883.989	1883.989	122.5994	28.14788
10	3.1533	1679.736	1858.427	1858.427	122.5994	27.99617
11	3.1703	1645.481	1832.866	1832.866	122.5994	27.84608
12	3.1873	1653.145	1807.304	1807.304	122.5994	27.6976
13	3.2043	1601.642	1781.742	1781.742	122.5994	27.55069
14	3.2213	1564.688	1756.18	1756.18	122.5994	27.40534
15	3.2383	1561.832	1730.618	1730.618	122.5994	27.26151
16	3.2553	1518.773	1705.057	1705.056	122.5994	27.11918
17	3.2723	1516.518	1679.495	1679.495	122.5994	26.97833
18	3.2893	1535.183	1653.933	1653.933	122.5994	26.83894
19	3.3063	1532.809	1628.371	1628.371	122.5994	26.70098
20	3.3233	1534.59	1602.809	1602.809	122.5994	26.56443
21	3.3403	1481.172	1577.247	1577.247	122.5994	26.42928
22	3.3573	1500.472	1551.686	1551.685	122.5994	26.29549
23	3.3743	1524.307	1526.124	1526.124	122.5994	26.16305
24	3.3913	1498.343	1500.562	1500.562	122.5994	26.03194
25	3.4083	1487.095	1475	1475	122.5994	25.90213
26	3.4253	1459.722	1461.625	1461.625	122.5994	25.77362
27	3.4423	1364.089	1448.25	1448.25	122.5994	25.64637
28	3.4593	1359.152	1434.875	1434.875	122.5994	25.52038
29	3.4763	1357.169	1421.5	1421.5	122.5994	25.39561
30	3.4933	1353.325	1408.125	1408.125	122.5994	25.27207
31	3.5103	1385.576	1394.75	1394.75	122.5994	25.14971
32	3.5273	1403.762	1381.375	1381.375	122.5994	25.02854
33	3.5443	1350.286	1368	1368	122.5994	24.90853
34	3.5613	1340.518	1354.625	1354.625	122.5994	24.78967
35	3.5783	1325.535	1341.25	1341.25	122.5994	24.67194
36	3.5953	1339.685	1327.875	1327.875	122.5994	24.55532
37	3.6123	1352.589	1314.5	1314.5	122.5994	24.4398
38	3.6293	1307.862	1301.125	1301.125	122.5994	24.32536
39	3.6463	1243.686	1287.75	1287.75	122.5994	24.21198
40	3.6633	1243.83	1274.375	1274.375	122.5994	24.09966
41	3.6803	1276.674	1261	1261	122.5994	23.98838
42	3.6973	1275.338	1247.625	1247.625	122.5994	23.87812
43	3.7143	1210.876	1234.25	1234.25	122.5994	23.76887
44	3.7313	1223.424	1220.875	1220.875	122.5994	23.66062
45	3.7483	1265.108	1207.5	1207.5	122.5994	23.55335
46	3.7653	1226.351	1194.125	1194.125	122.5994	23.44704
47	3.7823	1143.291	1180.75	1180.75	122.5994	23.3417

48	3.7993	1123.255	1167.375	1167.375	122.5994	23.23729
49	3.8163	1208.134	1154	1154	122.5994	23.13382
50	3.8333	1124.441	1148.635	1148.635	122.5994	23.03126
51	3.8503	1161.271	1143.271	1143.271	122.5994	22.92961
52	3.8673	1137.243	1137.906	1137.906	122.5994	22.82886
53	3.8843	1094.538	1132.542	1132.542	122.5994	22.72898
54	3.9013	1133.808	1127.177	1127.177	122.5994	22.62998
55	3.9183	1110.52	1121.813	1121.813	122.5994	22.53184
56	3.9353	1056.946	1116.448	1116.448	122.5994	22.43454
57	3.9523	1086.308	1111.083	1111.083	122.5994	22.33808
58	3.9693	1067.014	1105.719	1105.719	122.5994	22.24245
59	3.9863	1058.022	1100.354	1100.354	122.5994	22.14763
60	4.0033	1115.06	1094.99	1094.99	122.5994	22.05362
61	4.0203	1093.676	1089.625	1089.625	122.5994	21.9604
62	4.0373	1074.736	1084.26	1084.26	122.5994	21.86797
63	4.0543	1043.28	1078.896	1078.896	122.5994	21.77632
64	4.0713	1045.61	1073.531	1073.531	122.5994	21.68543
65	4.0883	1067.037	1068.167	1068.167	122.5994	21.59529
66	4.1053	1082.507	1062.802	1062.802	122.5994	21.50591
67	4.1223	1054.601	1057.438	1057.438	122.5994	21.41726
68	4.1393	1043.28	1052.073	1052.073	122.5994	21.32933
69	4.1563	1034.346	1046.708	1046.708	122.5994	21.24213
70	4.1733	1045.968	1041.344	1041.344	122.5994	21.15564
71	4.1903	1065.974	1035.979	1035.979	122.5994	21.06985
72	4.2073	1069.651	1030.615	1030.615	122.5994	20.98475
73	4.2243	1029.954	1025.25	1025.25	122.5994	20.90034
74	4.2413	1021.368	1019.885	1019.885	122.5994	20.81661
75	4.2583	1028.072	1014.521	1014.521	122.5994	20.73354
76	4.2753	1021.551	1009.156	1009.156	122.5994	20.65114
77	4.2923	983.97	1003.792	1003.792	122.5994	20.56939
78	4.3093	965.0688	998.4271	998.4271	122.5994	20.48828
79	4.3263	958.8174	993.0625	993.0625	122.5994	20.40781
80	4.3433	933.3521	987.6979	987.6979	122.5994	20.32797
81	4.3603	1005.426	982.3333	982.3333	122.5994	20.24875
82	4.3773	1003.737	976.9688	976.9688	122.5994	20.17015
83	4.3943	954.207	971.6042	971.6042	122.5994	20.09216
84	4.4113	942.4806	966.2396	966.2396	122.5994	20.01477
85	4.4283	947.473	960.875	960.875	122.5994	19.93797
86	4.4453	908.3139	955.5104	955.5104	122.5994	19.86176
87	4.4623	910.2558	950.1458	950.1458	122.5994	19.78613
88	4.4793	927.9086	944.7813	944.7813	122.5994	19.71108
89	4.4963	946.6708	939.4167	939.4167	122.5994	19.63659
90	4.5133	898.6734	934.0521	934.0521	122.5994	19.56267
91	4.5303	910.8856	928.6875	928.6875	122.5994	19.48929
92	4.5473	941.2012	923.3229	923.3229	122.5994	19.41647
93	4.5643	942.5076	917.9583	917.9583	122.5994	19.34419
94	4.5813	918.0992	912.5938	912.5938	122.5994	19.27245
95	4.5983	935.8293	907.2292	907.2292	122.5994	19.20124
96	4.6153	914.4609	901.8646	901.8646	122.5994	19.13055

97	4.6323	960.8444	896.5	896.5	122.5994	19.06038
98	4.6493	870.2663	890.7292	890.7292	122.5994	18.99073
99	4.6663	873.472	884.9583	884.9583	122.5994	18.92158
100	4.6833	894.5906	879.1875	879.1875	122.5994	18.85293
101	4.7003	862.9869	873.4167	873.4167	122.5994	18.78479
102	4.7173	877.8851	867.6458	867.6458	122.5994	18.71713
103	4.7343	832.8128	861.875	861.875	122.5994	18.64996
104	4.7513	851.8931	856.1042	856.1042	122.5994	18.58327
105	4.7683	867.4461	850.3333	850.3333	122.5994	18.51705
106	4.7853	861.5545	844.5625	844.5625	122.5994	18.45131
107	4.8023	860.4046	838.7917	838.7917	122.5994	18.38603
108	4.8193	836.9516	833.0208	833.0208	122.5994	18.32121
109	4.8363	839.1411	827.25	827.25	122.5994	18.25685
110	4.8533	845.2665	821.4792	821.4792	122.5994	18.19294
111	4.8703	853.6596	815.7083	815.7083	122.5994	18.12947
112	4.8873	851.1273	809.9375	809.9375	122.5994	18.06645
113	4.9043	833.8081	804.1667	804.1667	122.5994	18.00386
114	4.9213	809.7758	798.3958	798.3958	122.5994	17.94171
115	4.9383	822.2405	792.625	792.625	122.5994	17.87998
116	4.9553	786.3859	786.8542	786.8542	122.5994	17.81868
117	4.9723	795.2321	781.0833	781.0833	122.5994	17.7578
118	4.9893	789.4391	775.3125	775.3125	122.5994	17.69733
119	5.0063	790.0497	769.5417	769.5417	122.5994	17.63727
120	5.0233	785.8001	763.7708	763.7708	122.5994	17.57762
121	5.0403	746.5331	758	758	122.5994	17.51837
122	5.0573	749.9623	757.0833	757.0833	122.5994	17.45953
123	5.0743	736.6274	756.1667	756.1667	122.5994	17.40107
124	5.0913	749.9647	755.25	755.25	122.5994	17.34301
125	5.1083	785.9534	754.3333	754.3333	122.5994	17.28533
126	5.1253	791.3501	753.4167	753.4167	122.5994	17.22803
127	5.1423	762.0002	752.5	752.5	122.5994	17.17112
128	5.1593	787.4759	751.5833	751.5833	122.5994	17.11458
129	5.1763	763.102	750.6667	750.6667	122.5994	17.05841
130	5.1933	763.5733	749.75	749.75	122.5994	17.00261
131	5.2103	715.4383	748.8333	748.8333	122.5994	16.94717
132	5.2273	806.3866	747.9167	747.9167	122.5994	16.89209
133	5.2443	786.5588	747	747	122.5994	16.83737
134	5.2613	745.1681	746.0833	746.0833	122.5994	16.78301
135	5.2783	773.9186	745.1667	745.1667	122.5994	16.72899
136	5.2953	733.7011	744.25	744.25	122.5994	16.67532
137	5.3123	724.0005	743.3333	743.3333	122.5994	16.622
138	5.3293	733.8591	742.4167	742.4167	122.5994	16.56901
139	5.3463	744.9481	741.5	741.5	122.5994	16.51637
140	5.3633	718.4827	740.5833	740.5833	122.5994	16.46405
141	5.3803	723.8021	739.6667	739.6667	122.5994	16.41207
142	5.3973	740.387	738.75	738.75	122.5994	16.36041
143	5.4143	756.2641	737.8333	737.8333	122.5994	16.30908
144	5.4313	753.7349	736.9167	736.9167	122.5994	16.25807
145	5.4483	720.9822	736	736	122.5994	16.20738

146	5.4653	705.4033	735.2083	735.2083	122.5994	16.15701
147	5.4823	767.2824	734.4167	734.4167	122.5994	16.10695
148	5.4993	763.699	733.625	733.625	122.5994	16.05719
149	5.5163	745.3039	732.8333	732.8333	122.5994	16.00775
150	5.5333	741.9281	732.0417	732.0417	122.5994	15.9586
151	5.5503	726.5662	731.25	731.25	122.5994	15.90976
152	5.5673	719.5698	730.4583	730.4583	122.5994	15.86122
153	5.5843	717.8256	729.6667	729.6667	122.5994	15.81297
154	5.6013	718.0313	728.875	728.875	122.5994	15.76502
155	5.6183	749.3954	728.0833	728.0833	122.5994	15.71735
156	5.6353	723.6286	727.2917	727.2917	122.5994	15.66998
157	5.6523	709.8791	726.5	726.5	122.5994	15.62289
158	5.6693	754.9626	725.7083	725.7083	122.5994	15.57608
159	5.6863	777.7235	724.9167	724.9167	122.5994	15.52955
160	5.7033	729.8759	724.125	724.125	122.5994	15.4833
161	5.7203	716.499	723.3333	723.3333	122.5994	15.43732
162	5.7373	707.553	722.5417	722.5417	122.5994	15.39162
163	5.7543	715.3678	721.75	721.75	122.5994	15.34618
164	5.7713	715.463	720.9583	720.9583	122.5994	15.30102
165	5.7883	742.0638	720.1667	720.1667	122.5994	15.25612
166	5.8053	751.7105	719.375	719.375	122.5994	15.21148
167	5.8223	725.1583	718.5833	718.5833	122.5994	15.16711
168	5.8393	721.4184	717.7917	717.7917	122.5994	15.12299
169	5.8563	726.937	717	717	122.5994	15.07913
170	5.8733	708.6074	718.0684	716.5	122.5994	15.03552
171	5.8903	703.9252	718.4914	716	122.5994	14.99216
172	5.9073	725.8121	718.2168	715.5	122.5994	14.94906
173	5.9243	745.8607	717.9741	715	122.5994	14.9062
174	5.9413	762.7141	717.7694	714.5	122.5994	14.86358
175	5.9583	779.7119	717.6107	714	122.5994	14.82121
176	5.9753	729.5687	717.5078	713.5	122.5994	14.77909
177	5.9923	768.8582	717.4736	713	122.5994	14.7372
178	6.0093	774.9706	717.5246	712.5	122.5994	14.69554
179	6.0263	745.4459	717.6827	712	122.5994	14.65413
180	6.0433	796.6609	717.9771	711.5	122.5994	14.61294
181	6.0603	738.8474	718.4476	711	122.5994	14.57199
182	6.0773	798.3653	719.1501	710.5	122.5994	14.53126
183	6.0943	765.5395	720.1667	710	122.5994	14.49077
184	6.1113	814.4387	721.6318	709.5	122.5994	14.4505
185	6.1283	758.7729	723.8015	709	122.5994	14.41045
186	6.1453	805.5941	727.2279	708.5	122.5994	14.37062
187	6.1623	823.5458	733.1192	708	122.5994	14.33102
188	6.1793	758.1238	743.8615	707.5	122.5994	14.29163
189	6.1963	834.1672	763.3489	707	122.5994	14.25246
190	6.2133	815.7106	796.3358	706.5	122.5994	14.2135
191	6.2303	870.181	846.0515	706	122.5994	14.17475
192	6.2473	929.5732	910.038	705.5	122.5994	14.13622
193	6.2643	922.5617	974.337	705	122.5994	14.0979
194	6.2813	921.4295	1010.572	704.5	122.5994	14.05978

195	6.2983	976.7061	995.4883	704	122.5994	14.02187
196	6.3153	987.3685	939.4379	703.5	122.5994	13.98416
197	6.3323	942.3164	871.9681	703	122.5994	13.94666
198	6.3493	838.9301	813.877	702.5	122.5994	13.90935
199	6.3663	790.8751	772.27	702	122.5994	13.87225
200	6.3833	779.9772	746.0114	701.5	122.5994	13.83534
201	6.4003	778.9249	730.6902	701	122.5994	13.79863
202	6.4173	763.7187	721.8669	700.5	122.5994	13.76212
203	6.4343	733.886	716.4648	700	122.5994	13.72579
204	6.4513	697.52	712.7888	699.5	122.5994	13.68966
205	6.4683	732.9887	710.0305	699	122.5994	13.65372
206	6.4853	779.722	707.8222	698.5	122.5994	13.61797
207	6.5023	758.7458	705.9832	698	122.5994	13.5824
208	6.5193	738.0062	704.4111	697.5	122.5994	13.54702
209	6.5363	759.133	703.039	697	122.5994	13.51183
210	6.5533	708.6602	701.8207	696.5	122.5994	13.47682
211	6.5703	710.1468	700.7221	696	122.5994	13.44198
212	6.5873	747.3822	699.7184	695.5	122.5994	13.40733
213	6.6043	733.7466	698.7906	695	122.5994	13.37286
214	6.6213	704.2023	697.9243	694.5	122.5994	13.33856
215	6.6383	695.99	697.1083	694	122.5994	13.30444
216	6.6553	685.8302	696.334	693.5	122.5994	13.2705
217	6.6723	689.5653	695.5942	693	122.5994	13.23672
218	6.6893	714.7826	693.8329	693	122.5994	13.20312
219	6.7063	687.1618	693	693	122.5994	13.16969
220	6.7233	704.5767	693	693	122.5994	13.13643
221	6.7403	722.1721	693	693	122.5994	13.10334
222	6.7573	715.5288	693	693	122.5994	13.07041
223	6.7743	742.2933	693	693	122.5994	13.03765
224	6.7913	703.6074	693	693	122.5994	13.00505
225	6.8083	717.8664	693	693	122.5994	12.97261
226	6.8253	692.3367	693	693	122.5994	12.94034
227	6.8423	677.4269	693	693	122.5994	12.90823
228	6.8593	708.6309	693	693	122.5994	12.87627
229	6.8763	656.1492	693	693	122.5994	12.84448
230	6.8933	669.3071	693	693	122.5994	12.81284
231	6.9103	656.1643	693	693	122.5994	12.78136
232	6.9273	700.8489	693	693	122.5994	12.75003
233	6.9443	696.9966	693	693	122.5994	12.71886
234	6.9613	661.1798	693	693	122.5994	12.68783
235	6.9783	711.9625	693	693	122.5994	12.65696
236	6.9953	684.7021	693	693	122.5994	12.62624
237	7.0123	662.3534	693	693	122.5994	12.59567
238	7.0293	741.5546	693	693	122.5994	12.56525
239	7.0463	703.1107	693	693	122.5994	12.53497
240	7.0633	673.7763	693	693	122.5994	12.50484
241	7.0803	694.3043	693	693	122.5994	12.47485
242	7.0973	703.6367	692.8333	692.8333	122.5994	12.44501
243	7.1143	683.1988	692.6667	692.6667	122.5994	12.41531

244	7.1313	669.6414	692.5	692.5	122.5994	12.38575
245	7.1483	674.7849	692.3333	692.3333	122.5994	12.35633
246	7.1653	690.906	692.1667	692.1667	122.5994	12.32706
247	7.1823	672.7387	692	692	122.5994	12.29792
248	7.1993	698.9217	691.8333	691.8333	122.5994	12.26892
249	7.2163	691.6831	691.6667	691.6667	122.5994	12.24005
250	7.2333	701.1962	691.5	691.5	122.5994	12.21132
251	7.2503	704.1959	691.3333	691.3333	122.5994	12.18273
252	7.2673	681.2032	691.1667	691.1667	122.5994	12.15427
253	7.2843	694.5952	691	691	122.5994	12.12594
254	7.3013	708.1628	690.8333	690.8333	122.5994	12.09774
255	7.3183	707.1919	690.6667	690.6667	122.5994	12.06968
256	7.3353	718.1203	690.5	690.5	122.5994	12.04175
257	7.3523	718.1553	690.3333	690.3333	122.5994	12.01394
258	7.3693	701.6539	690.1667	690.1667	122.5994	11.98627
259	7.3863	666.0553	690	690	122.5994	11.95872
260	7.4033	662.816	689.8333	689.8333	122.5994	11.93129
261	7.4203	685.3364	689.6667	689.6667	122.5994	11.904
262	7.4373	714.6569	689.5	689.5	122.5994	11.87683
263	7.4543	698.5381	689.3333	689.3333	122.5994	11.84978
264	7.4713	702.0933	689.1667	689.1667	122.5994	11.82285
265	7.4883	687.7866	689	689	122.5994	11.79605
266	7.5053	657.9217	688.5	688.5	122.5994	11.76937
267	7.5223	703.3265	688	688	122.5994	11.74281
268	7.5393	699.8272	687.5	687.5	122.5994	11.71637
269	7.5563	671.7196	687	687	122.5994	11.69005
270	7.5733	690.3291	686.5	686.5	122.5994	11.66385
271	7.5903	684.2051	686	686	122.5994	11.63776
272	7.6073	689.9111	685.5	685.5	122.5994	11.61179
273	7.6243	742.0564	685	685	122.5994	11.58594
274	7.6413	708.3575	684.5	684.5	122.5994	11.5602
275	7.6583	674.0901	684	684	122.5994	11.53458
276	7.6753	685.155	683.5	683.5	122.5994	11.50907
277	7.6923	686.4332	683	683	122.5994	11.48367
278	7.7093	737.697	682.5	682.5	122.5994	11.45839
279	7.7263	667.0242	682	682	122.5994	11.43321
280	7.7433	734.2416	681.5	681.5	122.5994	11.40815
281	7.7603	682.5295	681	681	122.5994	11.3832
282	7.7773	732.9211	680.5	680.5	122.5994	11.35835
283	7.7943	703.3441	680	680	122.5994	11.33362
284	7.8113	721.1307	679.5	679.5	122.5994	11.30899
285	7.8283	742.4828	679	679	122.5994	11.28447
286	7.8453	678.7825	678.5	678.5	122.5994	11.26006
287	7.8623	691.3491	678	678	122.5994	11.23575
288	7.8793	660.4834	677.5	677.5	122.5994	11.21154
289	7.8963	672.918	677	677	122.5994	11.18745
290	7.9133	707.5952	676.7044	676.7044	122.5994	11.16345
291	7.9303	663.9814	676.4089	676.4089	122.5994	11.13956
292	7.9473	708.9657	676.1133	676.1133	122.5994	11.11577

293	7.9643	706.8885	675.8177	675.8177	122.5994	11.09208
294	7.9813	693.2866	675.5222	675.5221	122.5994	11.06849
295	7.9983	678.4267	675.2266	675.2266	122.5994	11.045
296	8.0153	654.383	674.931	674.931	122.5994	11.02162
297	8.0323	696.8614	674.6354	674.6354	122.5994	10.99833
298	8.0493	717.3175	674.3398	674.3398	122.5994	10.97514
299	8.0663	720.8677	674.0443	674.0443	122.5994	10.95204
300	8.0833	723.5629	679.7476	673.7487	122.5994	10.92905
301	8.1003	683.2279	682.6638	673.4531	122.5994	10.90615
302	8.1173	665.4188	682.7805	673.1576	122.5994	10.88335
303	8.1343	689.1215	682.9255	672.862	122.5994	10.86064
304	8.1513	707.5327	683.1013	672.5664	122.5994	10.83803
305	8.1683	725.0349	683.3107	672.2708	122.5994	10.81551
306	8.1853	739.8538	683.557	671.9753	122.5994	10.79309
307	8.2023	714.7714	683.844	671.6797	122.5994	10.77075
308	8.2193	703.3912	684.1757	671.3841	122.5994	10.74852
309	8.2363	710.9153	684.5569	671.0885	122.5994	10.72637
310	8.2533	709.4059	684.9927	670.793	122.5994	10.70431
311	8.2703	725.5638	685.4892	670.4974	122.5994	10.68235
312	8.2873	723.241	686.0533	670.2018	122.5994	10.66047
313	8.3043	718.2123	686.6928	669.9063	122.5994	10.63869
314	8.3213	766.5598	686.9238	669.1178	122.5994	10.61699
315	8.3383	746.5186	687.2493	668.3294	122.5994	10.59538
316	8.3553	764.3091	687.6816	667.541	122.5994	10.57386
317	8.3723	750.794	688.2345	666.7526	122.5994	10.55243
318	8.3893	795.5863	688.924	665.9642	122.5994	10.53109
319	8.4063	773.5017	689.7691	665.1758	122.5994	10.50983
320	8.4233	786.5377	690.7922	664.3874	122.5994	10.48865
321	8.4403	779.7103	692.0198	663.599	122.5994	10.46757
322	8.4573	773.3739	693.4839	662.8105	122.5994	10.44656
323	8.4743	820.0106	695.2234	662.0221	122.5994	10.42565
324	8.4913	823.7054	697.2866	661.2337	122.5994	10.40481
325	8.5083	846.1618	699.7361	660.4453	122.5994	10.38406
326	8.5253	864.2005	702.6563	659.6569	122.5994	10.36339
327	8.5423	858.6746	706.1649	658.8685	122.5994	10.34281
328	8.5593	868.9617	710.4346	658.0801	122.5994	10.3223
329	8.5763	837.9138	715.7241	657.2917	122.5994	10.30188
330	8.5933	884.4689	722.4248	656.5033	122.5994	10.28154
331	8.6103	918.7938	731.1263	655.7148	122.5994	10.26128
332	8.6273	975.174	742.6896	654.9264	122.5994	10.24109
333	8.6443	950.5495	758.3284	654.138	122.5994	10.22099
334	8.6613	999.5653	779.6681	653.3496	122.5994	10.20097
335	8.6783	1013.274	808.7521	652.5612	122.5994	10.18102
336	8.6953	1056.57	847.9681	651.7728	122.5994	10.16116
337	8.7123	1100.816	899.8327	650.9844	122.5994	10.14137
338	8.7293	1181.964	966.2544	649.7979	122.5994	10.12166
339	8.7463	1248.724	1049.25	648.6113	122.5994	10.10202
340	8.7633	1297.887	1149.16	647.4248	122.5994	10.08246
341	8.7803	1387.396	1264.405	646.2383	122.5994	10.06298

342	8.7973	1509.413	1390.65	645.0518	122.5994	10.04357
343	8.8143	1599.354	1519.88	643.8652	122.5994	10.02424
344	8.8313	1652.469	1639.542	642.6787	122.5994	10.00498
345	8.8483	1808.568	1733.018	641.4922	122.5994	9.9858
346	8.8653	1972.941	1783.152	640.3057	122.5994	9.96669
347	8.8823	2211.671	1779.017	639.1191	122.5994	9.94765
348	8.8993	2458.329	1721.445	637.9326	122.5994	9.92869
349	8.9163	2733.53	1622.427	636.7461	122.5994	9.90979
350	8.9333	2802.861	1499.103	635.5596	122.5994	9.89097
351	8.9503	2516.879	1367.597	634.373	122.5994	9.87222
352	8.9673	1932.53	1239.932	633.1865	122.5994	9.85355
353	8.9843	1333.198	1123.742	632	122.5994	9.83494
354	9.0013	1021.644	1023.086	630.8135	122.5994	9.8164
355	9.0183	885.8011	939.3439	629.627	122.5994	9.79794
356	9.0353	771.6311	872.0378	628.4404	122.5994	9.77954
357	9.0523	721.9141	819.4688	627.2539	122.5994	9.76121
358	9.0693	725.5429	779.3	626.0674	122.5994	9.74295
359	9.0863	713.9452	749.0228	624.8809	122.5994	9.72476
360	9.1033	688.4865	726.2816	623.6943	122.5994	9.70664
361	9.1203	685.1237	709.0751	622.5078	122.5994	9.68859
362	9.1373	666.5003	695.8202	621.3213	122.5994	9.6706
363	9.1543	693.4469	685.3399	620.1348	122.5994	9.65268
364	9.1713	685.2116	676.8012	618.9482	122.5994	9.63482
365	9.1883	646.9754	669.635	617.7617	122.5994	9.61704
366	9.2053	657.5123	663.4633	616.5752	122.5994	9.59931
367	9.2223	647.0888	658.0359	615.3887	122.5994	9.58166
368	9.2393	668.1293	653.1857	614.2021	122.5994	9.56407
369	9.2563	633.3683	648.7982	613.0156	122.5994	9.54654
370	9.2733	611.3063	644.7908	611.8291	122.5994	9.52908
371	9.2903	605.3287	641.1028	610.6426	122.5994	9.51168
372	9.3073	624.665	637.6863	609.4561	122.5994	9.49434
373	9.3243	615.1585	634.5033	608.2695	122.5994	9.47707
374	9.3413	650.9207	631.5222	607.083	122.5994	9.45986
375	9.3583	671.5282	628.7169	605.8965	122.5994	9.44272
376	9.3753	584.1621	626.0655	604.71	122.5994	9.42563
377	9.3923	626.899	623.5492	603.5234	122.5994	9.40861
378	9.4093	598.6807	621.1522	602.3369	122.5994	9.39165
379	9.4263	622.3345	618.8605	601.1504	122.5994	9.37475
380	9.4433	617.7429	616.6626	599.9639	122.5994	9.35791
381	9.4603	670.4041	614.5482	598.7773	122.5994	9.34113
382	9.4773	596.3037	612.5084	597.5908	122.5994	9.32441
383	9.4943	603.5034	610.5355	596.4043	122.5994	9.30776
384	9.5113	634.774	608.6227	595.2178	122.5994	9.29116
385	9.5283	671.5728	606.7642	594.0313	122.5994	9.27462
386	9.5453	594.7448	604.5564	592.4466	122.5994	9.25814
387	9.5623	598.9191	602.3931	590.862	122.5994	9.24172
388	9.5793	648.4145	600.27	589.2773	122.5994	9.22536
389	9.5963	648.0278	598.1835	587.6927	122.5994	9.20905
390	9.6133	607.7729	596.1305	586.1081	122.5994	9.19281

391	9.6303	599.172	594.108	584.5234	122.5994	9.17662
392	9.6473	601.1253	592.1134	582.9388	122.5994	9.16048
393	9.6643	610.4229	584.3831	581.3542	122.5994	9.14441
394	9.6813	614.1897	579.7695	579.7695	122.5994	9.12839
395	9.6983	595.3711	578.1849	578.1849	122.5994	9.11243
396	9.7153	590.5214	576.6003	576.6003	122.5994	9.09652
397	9.7323	565.7998	575.0156	575.0156	122.5994	9.08067
398	9.7493	562.9835	573.431	573.431	122.5994	9.06487
399	9.7663	541.8013	571.8464	571.8464	122.5994	9.04913
400	9.7833	556.4226	570.2617	570.2617	122.5994	9.03344
401	9.8003	585.6509	568.6771	568.6771	122.5994	9.01781
402	9.8173	579.5967	567.0925	567.0924	122.5994	9.00224
403	9.8343	579.1352	565.5078	565.5078	122.5994	8.98671
404	9.8513	603.7576	563.9232	563.9232	122.5994	8.97124
405	9.8683	571.564	562.3386	562.3385	122.5994	8.95583
406	9.8853	565.8	560.7539	560.7539	122.5994	8.94046
407	9.9023	560.7057	559.1693	559.1693	122.5994	8.92515
408	9.9193	564.148	557.5847	557.5846	122.5994	8.90989
409	9.9363	544.4921	556	556	122.5994	8.89469
410	9.9533	572.2814	555.8333	555.8333	122.5994	8.87953
411	9.9703	542.0375	555.6667	555.6667	122.5994	8.86443
412	9.9873	569.3639	555.5	555.5	122.5994	8.84938
413	10.0043	547.3478	555.3333	555.3333	122.5994	8.83438
414	10.0213	580.7864	555.1667	555.1667	122.5994	8.81943
415	10.0383	563.91	555	555	122.5994	8.80454
416	10.0553	583.9236	554.8333	554.8333	122.5994	8.78969
417	10.0723	553.9045	554.6667	554.6667	122.5994	8.77489
418	10.0893	598.9312	554.5	554.5	122.5994	8.76014
419	10.1063	585.7076	554.3333	554.3333	122.5994	8.74545
420	10.1233	571.2942	554.1667	554.1667	122.5994	8.7308
421	10.1403	577.0514	554	554	122.5994	8.7162
422	10.1573	600.4592	553.8333	553.8333	122.5994	8.70165
423	10.1743	523.3293	553.6667	553.6667	122.5994	8.68715
424	10.1913	514.946	553.5	553.5	122.5994	8.6727
425	10.2083	548.2771	553.3333	553.3333	122.5994	8.65829
426	10.2253	523.179	553.1667	553.1667	122.5994	8.64394
427	10.2423	542.0975	553	553	122.5994	8.62963
428	10.2593	541.7591	552.8333	552.8333	122.5994	8.61537
429	10.2763	556.9704	552.6667	552.6667	122.5994	8.60115
430	10.2933	552.6242	552.5	552.5	122.5994	8.58698
431	10.3103	544.1594	552.3333	552.3333	122.5994	8.57286
432	10.3273	561.7005	552.1667	552.1667	122.5994	8.55879
433	10.3443	556.1221	552	552	122.5994	8.54476
434	10.3613	545.863	551.7083	551.7083	122.5994	8.53078
435	10.3783	545.9585	551.4167	551.4167	122.5994	8.51685
436	10.3953	533.5894	551.125	551.125	122.5994	8.50296
437	10.4123	540.7235	550.8333	550.8333	122.5994	8.48911
438	10.4293	550.372	550.5417	550.5417	122.5994	8.47531
439	10.4463	567.8111	550.25	550.25	122.5994	8.46156

440	10.4633	599.7384	549.9583	549.9583	122.5994	8.44785
441	10.4803	598.3179	549.6667	549.6667	122.5994	8.43418
442	10.4973	578.7151	549.375	549.375	122.5994	8.42056
443	10.5143	576.2462	549.0833	549.0833	122.5994	8.40699
444	10.5313	601.2836	548.7917	548.7917	122.5994	8.39345
445	10.5483	631.6786	548.5	548.5	122.5994	8.37996
446	10.5653	633.5854	548.2083	548.2083	122.5994	8.36652
447	10.5823	613.1817	547.9167	547.9167	122.5994	8.35312
448	10.5993	590.1278	547.625	547.625	122.5994	8.33976
449	10.6163	571.6011	547.3333	547.3333	122.5994	8.32644
450	10.6333	532.6498	547.0417	547.0417	122.5994	8.31317
451	10.6503	512.2086	546.75	546.75	122.5994	8.29994
452	10.6673	510.7403	546.4583	546.4583	122.5994	8.28675
453	10.6843	520.6708	546.1667	546.1667	122.5994	8.2736
454	10.7013	548.7314	545.875	545.875	122.5994	8.26049
455	10.7183	549.7157	545.5833	545.5833	122.5994	8.24743
456	10.7353	547.5702	545.2917	545.2917	122.5994	8.23441
457	10.7523	559.036	545	545	122.5994	8.22143
458	10.7693	508.0279	544.75	544.75	122.5994	8.20849
459	10.7863	556.3852	544.5	544.5	122.5994	8.19559
460	10.8033	521.6434	544.25	544.25	122.5994	8.18273
461	10.8203	519.3536	544	544	122.5994	8.16991
462	10.8373	495.0365	543.75	543.75	122.5994	8.15713
463	10.8543	484.5348	543.5	543.5	122.5994	8.1444
464	10.8713	509.725	543.25	543.25	122.5994	8.1317
465	10.8883	537.7977	543	543	122.5994	8.11904
466	10.9053	510.7632	542.75	542.75	122.5994	8.10642
467	10.9223	514.2348	542.5	542.5	122.5994	8.09384
468	10.9393	477.615	542.25	542.25	122.5994	8.0813
469	10.9563	525.6759	542	542	122.5994	8.0688
470	10.9733	541.216	541.75	541.75	122.5994	8.05634
471	10.9903	527.0281	541.5	541.5	122.5994	8.04392
472	11.0073	545.6675	541.25	541.25	122.5994	8.03153
473	11.0243	535.0647	541	541	122.5994	8.01919
474	11.0413	542.0761	540.75	540.75	122.5994	8.00688
475	11.0583	530.9708	540.5	540.5	122.5994	7.99461
476	11.0753	500.785	540.25	540.25	122.5994	7.98237
477	11.0923	502.7511	540	540	122.5994	7.97018
478	11.1093	525.8877	539.75	539.75	122.5994	7.95802
479	11.1263	545.5657	539.5	539.5	122.5994	7.9459
480	11.1433	546.5507	539.25	539.25	122.5994	7.93381
481	11.1603	535.1071	539	539	122.5994	7.92177
482	11.1773	535.0223	538.375	538.375	122.5994	7.90976
483	11.1943	522.2454	537.75	537.75	122.5994	7.89778
484	11.2113	510.7403	537.125	537.125	122.5994	7.88585
485	11.2283	526	536.5	536.5	122.5994	7.87394
486	11.2453	535.5007	535.875	535.875	122.5994	7.86208
487	11.2623	524.005	535.25	535.25	122.5994	7.85025
488	11.2793	515.9777	534.625	534.625	122.5994	7.83846

489	11.2963	513.0934	534	534	122.5994	7.8267
490	11.3133	534.0569	533.375	533.375	122.5994	7.81498
491	11.3303	535.3272	532.75	532.75	122.5994	7.80329
492	11.3473	518.7134	532.125	532.125	122.5994	7.79164
493	11.3643	508.1265	531.5	531.5	122.5994	7.78002
494	11.3813	495.3924	530.875	530.875	122.5994	7.76844
495	11.3983	477.3982	530.25	530.25	122.5994	7.75689
496	11.4153	508.7043	529.625	529.625	122.5994	7.74537
497	11.4323	544.605	529	529	122.5994	7.73389
498	11.4493	523.483	528.375	528.375	122.5994	7.72245
499	11.4663	520.5311	527.75	527.75	122.5994	7.71104
500	11.4833	507.7055	527.125	527.125	122.5994	7.69966
501	11.5003	532.9519	526.5	526.5	122.5994	7.68832
502	11.5173	535.6647	525.875	525.875	122.5994	7.67701
503	11.5343	522.5575	525.25	525.25	122.5994	7.66573
504	11.5513	534.9873	524.625	524.625	122.5994	7.65449
505	11.5683	507.4526	524	524	122.5994	7.64328
506	11.5853	537.3471	523.5286	523.5286	122.5994	7.6321
507	11.6023	522.4493	523.0573	523.0573	122.5994	7.62095
508	11.6193	471.4302	522.5859	522.5859	122.5994	7.60984
509	11.6363	495.1286	522.1146	522.1146	122.5994	7.59876
510	11.6533	531.8682	521.6432	521.6432	122.5994	7.58772
511	11.6703	529.133	521.1719	521.1719	122.5994	7.5767
512	11.6873	515.3409	520.7005	520.7005	122.5994	7.56572
513	11.7043	519.554	520.2292	520.2292	122.5994	7.55477
514	11.7213	502.7712	519.7578	519.7578	122.5994	7.54385
515	11.7383	526.0778	519.2864	519.2865	122.5994	7.53296
516	11.7553	482.139	518.8151	518.8151	122.5994	7.52211
517	11.7723	507.5512	518.3438	518.3438	122.5994	7.51128
518	11.7893	481.8098	517.8724	517.8724	122.5994	7.50049
519	11.8063	496.0077	517.4011	517.401	122.5994	7.48973
520	11.8233	497.4853	516.9297	516.9297	122.5994	7.479
521	11.8403	540.2824	516.4583	516.4583	122.5994	7.4683
522	11.8573	526.1308	515.987	515.987	122.5994	7.45763
523	11.8743	515.2701	515.5156	515.5156	122.5994	7.44699
524	11.8913	522.2827	515.0443	515.0443	122.5994	7.43638
525	11.9083	526.7322	514.5729	514.5729	122.5994	7.4258
526	11.9253	495.9436	514.1016	514.1016	122.5994	7.41525
527	11.9423	533.2606	513.6302	513.6302	122.5994	7.40474
528	11.9593	541.2704	513.1589	513.1589	122.5994	7.39425
529	11.9763	508.4872	512.6875	512.6875	122.5994	7.38379
530	11.9933	500.4287	512.2161	512.2161	122.5994	7.37336
531	12.0103	525.4078	511.7448	511.7448	122.5994	7.36297
532	12.0273	541.5136	511.2734	511.2734	122.5994	7.3526
533	12.0443	539.8255	510.8021	510.8021	122.5994	7.34226
534	12.0613	526.5688	510.3307	510.3307	122.5994	7.33195
535	12.0783	522.2958	509.8594	509.8594	122.5994	7.32166
536	12.0953	522.2786	509.388	509.388	122.5994	7.31141
537	12.1123	538.8974	508.9167	508.9167	122.5994	7.30119

538	12.1293	522.1847	510.9279	508.4453	122.5994	7.29099
539	12.1463	528.1098	510.6771	507.974	122.5994	7.28083
540	12.1633	539.2382	511.7086	507.5026	122.5994	7.27069
541	12.1803	542.2525	511.6591	507.0313	122.5994	7.26058
542	12.1973	556.5862	511.6486	506.5599	122.5994	7.2505
543	12.2143	571.1713	511.7212	506.0885	122.5994	7.24045
544	12.2313	550.2069	511.8714	505.6172	122.5994	7.23042
545	12.2483	558.0958	512.1295	505.1458	122.5994	7.22042
546	12.2653	563.0003	512.5217	504.6745	122.5994	7.21045
547	12.2823	597.8994	513.0827	504.2031	122.5994	7.20051
548	12.2993	587.5387	513.8591	503.7318	122.5994	7.1906
549	12.3163	600.0799	514.9145	503.2604	122.5994	7.18071
550	12.3333	597.2092	516.3386	502.7891	122.5994	7.17085
551	12.3503	603.5096	518.2668	502.3177	122.5994	7.16102
552	12.3673	605.1713	520.9281	501.8464	122.5994	7.15121
553	12.3843	600.8652	524.7758	501.375	122.5994	7.14144
554	12.4013	654.3515	530.5287	500.6406	122.5994	7.13168
555	12.4183	655.7826	540.5331	499.9063	122.5994	7.12196
556	12.4353	719.6334	558.6821	499.1719	122.5994	7.11226
557	12.4523	687.7861	590.8825	498.4375	122.5994	7.10259
558	12.4693	777.0035	643.6766	497.7031	122.5994	7.09294
559	12.4863	729.4767	720.4691	496.9688	122.5994	7.08333
560	12.5033	812.4228	815.2217	496.2344	122.5994	7.07373
561	12.5203	824.0939	903.9208	495.5	122.5994	7.06417
562	12.5373	941.5893	947.2103	494.7656	122.5994	7.05463
563	12.5543	937.7303	925.6588	494.0313	122.5994	7.04511
564	12.5713	1014.169	854.0118	493.2969	122.5994	7.03562
565	12.5883	1028.231	761.0631	492.5625	122.5994	7.02616
566	12.6053	944.6532	675.117	491.8281	122.5994	7.01672
567	12.6223	766.6119	610.0498	491.0938	122.5994	7.00731
568	12.6393	650.3993	566.7374	490.3594	122.5994	6.99792
569	12.6563	604.6921	540.238	489.625	122.5994	6.98856
570	12.6733	579.8365	524.5762	488.8906	122.5994	6.97923
571	12.6903	551.8169	515.0658	488.1563	122.5994	6.96991
572	12.7073	519.2299	508.8105	487.4219	122.5994	6.96063
573	12.7243	513.2511	504.2857	486.6875	122.5994	6.95137
574	12.7413	518.5533	500.7542	485.9531	122.5994	6.94213
575	12.7583	498.8653	497.8573	485.2188	122.5994	6.93292
576	12.7753	508.4928	495.4037	484.4844	122.5994	6.92373
577	12.7923	507.485	493.2767	483.75	122.5994	6.91457
578	12.8093	490.2291	491.0181	482.6354	122.5994	6.90543
579	12.8263	504.6325	488.9526	481.5208	122.5994	6.89631
580	12.8433	503.4366	487.0391	480.4063	122.5994	6.88722
581	12.8603	498.9827	485.2472	479.2917	122.5994	6.87816
582	12.8773	501.8337	483.5535	478.1771	122.5994	6.86912
583	12.8943	493.0589	481.9399	477.0625	122.5994	6.8601
584	12.9113	514.5204	480.3924	475.9479	122.5994	6.8511
585	12.9283	518.6949	478.8999	474.8333	122.5994	6.84213
586	12.9453	477.2667	475.1172	473.7188	122.5994	6.83319

587	12.9623	480.2042	473.8878	472.6042	122.5994	6.82426
588	12.9793	494.4955	471.5247	471.4896	122.5994	6.81536
589	12.9963	470.1215	470.3868	470.375	122.5994	6.80649
590	13.0133	457.9423	469.2713	469.2604	122.5994	6.79763
591	13.0303	473.0068	468.1458	468.1458	122.5994	6.7888
592	13.0473	461.0565	467.0313	467.0313	122.5994	6.78
593	13.0643	444.3121	465.9167	465.9167	122.5994	6.77121
594	13.0813	483.7412	464.8021	464.8021	122.5994	6.76245
595	13.0983	486.9239	463.6875	463.6875	122.5994	6.75371
596	13.1153	483.9813	462.5729	462.5729	122.5994	6.74499
597	13.1323	480.393	461.4583	461.4583	122.5994	6.7363
598	13.1493	457.7104	460.3438	460.3438	122.5994	6.72763
599	13.1663	457.3734	459.2292	459.2292	122.5994	6.71898
600	13.1833	469.4537	458.1146	458.1146	122.5994	6.71036
601	13.2003	443.7053	457	457	122.5994	6.70175
602	13.2173	481.0273	456.7083	456.7083	122.5994	6.69317
603	13.2343	427.1841	456.4167	456.4167	122.5994	6.68461
604	13.2513	473.9421	456.125	456.125	122.5994	6.67607
605	13.2683	453.7619	455.8333	455.8333	122.5994	6.66756
606	13.2853	479.3175	455.5417	455.5417	122.5994	6.65907
607	13.3023	462.5678	455.25	455.25	122.5994	6.65059
608	13.3193	469.0941	454.9583	454.9583	122.5994	6.64214
609	13.3363	442.3975	454.6667	454.6667	122.5994	6.63371
610	13.3533	457.9423	454.375	454.375	122.5994	6.62531
611	13.3703	463.4403	454.0833	454.0833	122.5994	6.61692
612	13.3873	491.646	453.7917	453.7917	122.5994	6.60856
613	13.4043	441.2486	453.5	453.5	122.5994	6.60021
614	13.4213	484.8446	453.2083	453.2083	122.5994	6.59189
615	13.4383	487.4886	452.9167	452.9167	122.5994	6.58359
616	13.4553	479.9268	453.0266	452.625	122.5994	6.57531
617	13.4723	465.4739	452.7711	452.3333	122.5994	6.56705
618	13.4893	459.8999	452.7941	452.0417	122.5994	6.55881
619	13.5063	467.9509	452.5744	451.75	122.5994	6.5506
620	13.5233	489.1827	452.4022	451.4583	122.5994	6.5424
621	13.5403	462.2586	452.2095	451.1667	122.5994	6.53423
622	13.5573	460.7072	452.0657	450.875	122.5994	6.52607
623	13.5743	464.5626	451.9124	450.5833	122.5994	6.51793
624	13.5913	459.6981	451.8006	450.2917	122.5994	6.50982
625	13.6083	436.8182	451.7061	450	122.5994	6.50173
626	13.6253	452.0495	451.8402	449.8958	122.5994	6.49365
627	13.6423	466.8449	452.0275	449.7917	122.5994	6.4856
628	13.6593	466.4986	452.3338	449.6875	122.5994	6.47757
629	13.6763	488.9836	452.6929	449.5833	122.5994	6.46955
630	13.6933	503.8629	453.2197	449.4792	122.5994	6.46156
631	13.7103	499.2873	453.9609	449.375	122.5994	6.45358
632	13.7273	510.2767	455.1389	449.2708	122.5994	6.44563
633	13.7443	509.0326	457.1662	449.1667	122.5994	6.4377
634	13.7613	498.9987	460.7808	449.0625	122.5994	6.42978
635	13.7783	480.3403	467.045	448.9583	122.5994	6.42189

636	13.7953	453.877	477.049	448.8542	122.5994	6.41401
637	13.8123	486.9926	491.2131	448.75	122.5994	6.40615
638	13.8293	509.4139	508.1283	448.6458	122.5994	6.39832
639	13.8463	504.223	523.1895	448.5417	122.5994	6.3905
640	13.8633	508.5097	530.2104	448.4375	122.5994	6.3827
641	13.8803	510.7403	527.1532	448.3333	122.5994	6.37492
642	13.8973	510.7695	516.1632	448.2292	122.5994	6.36716
643	13.9143	525.6073	501.554	448.125	122.5994	6.35942
644	13.9313	588.4697	487.8376	448.0208	122.5994	6.3517
645	13.9483	543.1851	477.2776	447.9167	122.5994	6.344
646	13.9653	513.5572	469.998	447.8125	122.5994	6.33631
647	13.9823	498.6241	465.2811	447.7083	122.5994	6.32865
648	13.9993	493.2007	462.4573	447.6042	122.5994	6.321
649	14.0163	501.2569	461.0137	447.5	122.5994	6.31337
650	14.0333	471.9806	460.5007	447.3958	122.5994	6.30576
651	14.0503	433.2004	460.1885	447.2917	122.5994	6.29817
652	14.0673	470.5426	459.2958	447.1875	122.5994	6.2906
653	14.0843	425.2071	457.6661	447.0833	122.5994	6.28304
654	14.1013	454.1277	455.5614	446.9792	122.5994	6.27551
655	14.1183	461.9249	453.3953	446.875	122.5994	6.26799
656	14.1353	456.3886	451.5541	446.7708	122.5994	6.26049
657	14.1523	441.0082	450.1761	446.6667	122.5994	6.25301
658	14.1693	443.2924	449.2149	446.5625	122.5994	6.24554
659	14.1863	456.6249	448.557	446.4583	122.5994	6.2381
660	14.2033	452.517	448.0917	446.3542	122.5994	6.23067
661	14.2203	459.7336	447.7387	446.25	122.5994	6.22326
662	14.2373	434.5061	447.4501	446.1458	122.5994	6.21587
663	14.2543	434.9525	447.2004	446.0417	122.5994	6.20849
664	14.2713	426.0994	446.6158	445.9375	122.5994	6.20113
665	14.2883	452.4796	446.4386	445.8333	122.5994	6.19379
666	14.3053	449.4484	446.0296	445.7292	122.5994	6.18647
667	14.3223	455.0958	445.8918	445.625	122.5994	6.17917
668	14.3393	457.5615	445.7278	445.5208	122.5994	6.17188
669	14.3563	465.3389	445.6021	445.4167	122.5994	6.16461
670	14.3733	485.5288	445.4494	445.3125	122.5994	6.15736
671	14.3903	460.8259	445.3318	445.2083	122.5994	6.15012
672	14.4073	461.5159	445.201	445.1042	122.5994	6.1429
673	14.4243	437.9375	445.088	445	122.5994	6.1357
674	14.4413	420.404	444.4762	444.3958	122.5994	6.12851
675	14.4583	456.8933	443.8653	443.7917	122.5994	6.12135
676	14.4753	474.4741	443.2126	443.1875	122.5994	6.1142
677	14.4923	435.448	442.6064	442.5833	122.5994	6.10706
678	14.5093	432.0133	441.9792	441.9792	122.5994	6.09995
679	14.5263	463.7133	441.375	441.375	122.5994	6.09284
680	14.5433	433.5104	440.7708	440.7708	122.5994	6.08576
681	14.5603	419.4662	440.1667	440.1667	122.5994	6.07869
682	14.5773	439.4096	439.6971	439.5625	122.5994	6.07164
683	14.5943	428.3676	439.1049	438.9583	122.5994	6.06461
684	14.6113	455.4841	438.5803	438.3542	122.5994	6.05759

685	14.6283	440.4914	437.9976	437.75	122.5994	6.05059
686	14.6453	434.6189	437.4182	437.1458	122.5994	6.0436
687	14.6623	414.9481	436.8426	436.5417	122.5994	6.03664
688	14.6793	424.0335	436.2717	435.9375	122.5994	6.02968
689	14.6963	431.8067	435.7067	435.3333	122.5994	6.02275
690	14.7133	429.2255	435.1488	434.7292	122.5994	6.01583
691	14.7303	449.8235	434.6001	434.125	122.5994	6.00892
692	14.7473	435.4068	434.063	433.5208	122.5994	6.00203
693	14.7643	407.1885	433.541	432.9167	122.5994	5.99516
694	14.7813	437.708	433.0389	432.3125	122.5994	5.9883
695	14.7983	425.4699	432.5644	431.7083	122.5994	5.98146
696	14.8153	472.8978	432.1302	431.1042	122.5994	5.97464
697	14.8323	429.6514	431.7624	430.5	122.5994	5.96783
698	14.8493	436.767	431.5173	429.8958	122.5994	5.96103
699	14.8663	436.2894	431.5129	429.2917	122.5994	5.95425
700	14.8833	409.3379	431.964	428.6875	122.5994	5.94749
701	14.9003	441.0082	433.1841	428.0833	122.5994	5.94074
702	14.9173	440.6608	435.5	427.4792	122.5994	5.93401
703	14.9343	435.0642	439.0453	426.875	122.5994	5.9273
704	14.9513	423.934	443.4236	426.2708	122.5994	5.92059
705	14.9683	451.9731	447.274	425.6667	122.5994	5.91391
706	14.9853	460.8112	448.6151	425.0625	122.5994	5.90724
707	15.0023	435.0425	446.8158	424.4583	122.5994	5.90058
708	15.0193	444.3257	442.7292	423.8542	122.5994	5.89394
709	15.0363	444.9693	437.5128	423.25	122.5994	5.88732
710	15.0533	466.8379	432.5013	422.6458	122.5994	5.88071
711	15.0703	482.0216	428.4916	422.0417	122.5994	5.87411
712	15.0873	461.4253	425.5929	421.4375	122.5994	5.86753
713	15.1043	471.308	423.5795	420.8333	122.5994	5.86096
714	15.1213	442.2916	422.1527	420.2292	122.5994	5.85441
715	15.1383	426.2633	421.0666	419.625	122.5994	5.84788
716	15.1553	432.0107	420.1625	419.0208	122.5994	5.84136
717	15.1723	421.0415	419.3546	418.4167	122.5994	5.83485
718	15.1893	424.9894	418.6008	417.8125	122.5994	5.82836
719	15.2063	423.8847	417.8813	417.2083	122.5994	5.82188
720	15.2233	408.0476	417.1854	416.6042	122.5994	5.81542
721	15.2403	410.0392	416.507	416	122.5994	5.80897
722	15.2573	429.072	416.071	415.625	122.5994	5.80253
723	15.2743	423.1863	415.6454	415.25	122.5994	5.79611
724	15.2913	399.5672	415.2278	414.875	122.5994	5.78971
725	15.3083	402.9453	414.8168	414.5	122.5994	5.78332
726	15.3253	445.714	414.4109	414.125	122.5994	5.77694
727	15.3423	447.1517	414.0094	413.75	122.5994	5.77058
728	15.3593	443.4142	413.6114	413.375	122.5994	5.76423
729	15.3763	427.3554	413.2162	413	122.5994	5.75789
730	15.3933	444.817	412.6994	412.625	122.5994	5.75157
731	15.4103	467.0821	412.3182	412.25	122.5994	5.74527
732	15.4273	443.0375	411.875	411.875	122.5994	5.73897
733	15.4443	387.5395	411.5	411.5	122.5994	5.73269

734	15.4613	435.1144	411.1952	411.125	122.5994	5.72643
735	15.4783	443.636	410.8265	410.75	122.5994	5.72018
736	15.4953	424.1077	410.4927	410.375	122.5994	5.71394
737	15.5123	448.1883	410.129	410	122.5994	5.70772
738	15.5293	453.6985	409.767	409.625	122.5994	5.70151
739	15.5463	438.8604	409.407	409.25	122.5994	5.69531
740	15.5633	440.5663	409.0496	408.875	122.5994	5.68913
741	15.5803	441.0082	408.6952	408.5	122.5994	5.68296
742	15.5973	425.3071	408.3447	408.125	122.5994	5.6768
743	15.6143	416.4302	407.9991	407.75	122.5994	5.67066
744	15.6313	412.1524	407.6597	407.375	122.5994	5.66453
745	15.6483	396.1577	407.3284	407	122.5994	5.65842
746	15.6653	415.9272	407.6121	407.2292	122.5994	5.65231
747	15.6823	407.2291	407.9109	407.4583	122.5994	5.64622
748	15.6993	392.603	408.2321	407.6875	122.5994	5.64015
749	15.7163	401.9144	408.5915	407.9167	122.5994	5.63409
750	15.7333	422.1739	409.0225	408.1458	122.5994	5.62804
751	15.7503	436.7931	409.594	408.375	122.5994	5.622
752	15.7673	430.9758	410.4263	408.6042	122.5994	5.61598
753	15.7843	404.3984	411.6847	408.8333	122.5994	5.60997
754	15.8013	432.0137	413.524	409.0625	122.5994	5.60397
755	15.8183	448.3339	415.9713	409.2917	122.5994	5.59798
756	15.8353	409.0186	418.7423	409.5208	122.5994	5.59201
757	15.8523	441.3139	421.0399	409.75	122.5994	5.58605
758	15.8693	453.6725	421.9247	409.9792	122.5994	5.58011
759	15.8863	456.3465	421.3171	410.2083	122.5994	5.57418
760	15.9033	453.841	419.696	410.4375	122.5994	5.56826
761	15.9203	425.2357	417.6017	410.6667	122.5994	5.56235
762	15.9373	414.7222	415.6667	410.8958	122.5994	5.55645
763	15.9543	421.3269	414.2471	411.125	122.5994	5.55057
764	15.9713	412.4785	413.3732	411.3542	122.5994	5.5447
765	15.9883	429.8265	412.9265	411.5833	122.5994	5.53884
766	16.0053	419.8635	412.7603	411.8125	122.5994	5.533
767	16.0223	429.9781	412.7564	412.0417	122.5994	5.52717
768	16.0393	455.8153	412.8394	412.2708	122.5994	5.52135
769	16.0563	429.8574	412.9685	412.5	122.5994	5.51554
770	16.0733	407.6855	412.655	412.2604	122.5994	5.50974
771	16.0903	403.9712	412.3582	412.0208	122.5994	5.50396
772	16.1073	394.6404	412.0731	411.7813	122.5994	5.49819
773	16.1243	425.5545	411.7965	411.5417	122.5994	5.49243
774	16.1413	452.1348	411.5265	411.3021	122.5994	5.48668
775	16.1583	410.821	411.2616	411.0625	122.5994	5.48095
776	16.1753	415.3735	411.0008	410.8229	122.5994	5.47523
777	16.1923	414.2507	410.7432	410.5833	122.5994	5.46952
778	16.2093	385.2511	410.4881	410.3438	122.5994	5.46382
779	16.2263	417.9943	410.2352	410.1042	122.5994	5.45813
780	16.2433	435.8222	409.9841	409.8646	122.5994	5.45246
781	16.2603	411.1451	409.7344	409.625	122.5994	5.4468
782	16.2773	391.2139	409.4233	409.3854	122.5994	5.44115

783	16.2943	391.3591	409.1806	409.1458	122.5994	5.43551
784	16.3113	405.5577	408.9063	408.9063	122.5994	5.42988
785	16.3283	422.2255	408.6667	408.6667	122.5994	5.42427
786	16.3453	409.8386	408.4271	408.4271	122.5994	5.41866
787	16.3623	400.7167	408.1875	408.1875	122.5994	5.41307
788	16.3793	392.578	407.9479	407.9479	122.5994	5.40749
789	16.3963	430.8155	407.7083	407.7083	122.5994	5.40192
790	16.4133	385.2674	407.4688	407.4688	122.5994	5.39637
791	16.4303	420.1791	407.2292	407.2292	122.5994	5.39082
792	16.4473	440.6856	406.9896	406.9896	122.5994	5.38529
793	16.4643	423.2077	406.75	406.75	122.5994	5.37977
794	16.4813	397.0217	406.5104	406.5104	122.5994	5.37426
795	16.4983	411.0364	406.2708	406.2708	122.5994	5.36876
796	16.5153	404.7733	406.0313	406.0313	122.5994	5.36327
797	16.5323	439.4789	405.7917	405.7917	122.5994	5.35779
798	16.5493	404.2378	405.5521	405.5521	122.5994	5.35233
799	16.5663	425.0211	405.3125	405.3125	122.5994	5.34687
800	16.5833	411.9649	405.0729	405.0729	122.5994	5.34143
801	16.6003	427.5693	404.8333	404.8333	122.5994	5.336
802	16.6173	421.4905	404.5938	404.5938	122.5994	5.33058
803	16.6343	413.1398	404.3542	404.3542	122.5994	5.32517
804	16.6513	409.4726	404.1146	404.1146	122.5994	5.31977
805	16.6683	389.6903	403.875	403.875	122.5994	5.31438
806	16.6853	390.5321	403.6354	403.6354	122.5994	5.309
807	16.7023	420.9653	403.3958	403.3958	122.5994	5.30364
808	16.7193	438.5725	403.1563	403.1563	122.5994	5.29828
809	16.7363	413.6652	402.9167	402.9167	122.5994	5.29294
810	16.7533	426.2696	402.6771	402.6771	122.5994	5.28761
811	16.7703	425.1688	402.4375	402.4375	122.5994	5.28229
812	16.7873	402.2141	402.1979	402.1979	122.5994	5.27698
813	16.8043	413.3851	401.9583	401.9583	122.5994	5.27168
814	16.8213	428.498	401.7206	401.7188	122.5994	5.26639
815	16.8383	415.9095	401.4812	401.4792	122.5994	5.26111
816	16.8553	393.3825	401.2419	401.2396	122.5994	5.25584
817	16.8723	399.7327	401.0034	401	122.5994	5.25058
818	16.8893	400.492	401.3788	401.375	122.5994	5.24534
819	16.9063	401.6533	401.7542	401.75	122.5994	5.2401
820	16.9233	418.1486	402.1297	402.125	122.5994	5.23487
821	16.9403	403.5755	402.5052	402.5	122.5994	5.22966
822	16.9573	416.2817	402.8946	402.875	122.5994	5.22445
823	16.9743	408.9425	403.2716	403.25	122.5994	5.21926
824	16.9913	411.4477	403.6555	403.625	122.5994	5.21408
825	17.0083	419.1513	406.4617	404	122.5994	5.2089
826	17.0253	420.2097	406.9492	404.375	122.5994	5.20374
827	17.0423	436.2857	408.6114	404.75	122.5994	5.19859
828	17.0593	441.0082	409.1675	405.125	122.5994	5.19345
829	17.0763	414.1295	409.7374	405.5	122.5994	5.18831
830	17.0933	401.3179	410.3231	405.875	122.5994	5.18319
831	17.1103	442.4549	410.9276	406.25	122.5994	5.17808

832	17.1273	423.7101	411.5556	406.625	122.5994	5.17298
833	17.1443	409.2503	412.2132	407	122.5994	5.16789
834	17.1613	438.4715	412.9074	407.375	122.5994	5.16281
835	17.1783	429.1914	413.6438	407.75	122.5994	5.15774
836	17.1953	444.6516	414.4224	408.125	122.5994	5.15268
837	17.2123	424.6256	415.233	408.5	122.5994	5.14762
838	17.2293	388.5787	416.0592	408.875	122.5994	5.14258
839	17.2463	439.0281	416.9082	409.25	122.5994	5.13755
840	17.2633	379.0866	417.8213	409.625	122.5994	5.13253
841	17.2803	427.8907	418.8471	410	122.5994	5.12752
842	17.2973	417.9493	419.5739	409.9167	122.5994	5.12252
843	17.3143	400.7317	420.4772	409.8333	122.5994	5.11753
844	17.3313	435.6684	421.4987	409.75	122.5994	5.11255
845	17.3483	429.827	422.479	409.6667	122.5994	5.10758
846	17.3653	432.3373	423.2767	409.5833	122.5994	5.10261
847	17.3823	412.9231	423.9409	409.5	122.5994	5.09766
848	17.3993	423.6336	424.5929	409.4167	122.5994	5.09272
849	17.4163	434.3199	425.3665	409.3333	122.5994	5.08779
850	17.4333	395.6001	426.4436	409.25	122.5994	5.08286
851	17.4503	412.6586	427.9717	409.1667	122.5994	5.07795
852	17.4673	409.0578	430.0254	409.0833	122.5994	5.07305
853	17.4843	424.37	432.5961	409	122.5994	5.06815
854	17.5013	446.1667	435.5598	408.9167	122.5994	5.06327
855	17.5183	464.3974	438.7549	408.8333	122.5994	5.05839
856	17.5353	440.4434	442.3228	408.75	122.5994	5.05353
857	17.5523	428.9297	446.7452	408.6667	122.5994	5.04867
858	17.5693	446.5849	452.6226	408.5833	122.5994	5.04382
859	17.5863	457.6445	460.748	408.5	122.5994	5.03899
860	17.6033	456.0775	472.0556	408.4167	122.5994	5.03416
861	17.6203	449.3969	487.4918	408.3333	122.5994	5.02934
862	17.6373	479.3009	507.9709	408.25	122.5994	5.02453
863	17.6543	501.3582	534.2985	408.1667	122.5994	5.01973
864	17.6713	492.2506	567.0068	408.0833	122.5994	5.01494
865	17.6883	517.823	606.151	408	122.5994	5.01016
866	17.7053	521.4428	651.0398	407.9167	122.5994	5.00539
867	17.7223	540.0213	699.8889	407.8333	122.5994	5.00062
868	17.7393	591.6841	749.4249	407.75	122.5994	4.99587
869	17.7563	637.254	794.6694	407.6667	122.5994	4.99112
870	17.7733	657.406	829.4238	407.5833	122.5994	4.98639
871	17.7903	705.897	848.1155	407.5	122.5994	4.98166
872	17.8073	768.3553	847.7618	407.4167	122.5994	4.97694
873	17.8243	836.3355	828.9261	407.3333	122.5994	4.97224
874	17.8413	857.1427	795.0184	407.25	122.5994	4.96754
875	17.8583	812.1263	751.1212	407.1667	122.5994	4.96285
876	17.8753	800.905	702.6587	407.0833	122.5994	4.95816
877	17.8923	699.3835	654.288	407	122.5994	4.95349
878	17.9093	619.3619	609.3407	406.9167	122.5994	4.94883
879	17.9263	566.9603	569.7283	406.8333	122.5994	4.94417
880	17.9433	531.7978	536.3503	406.75	122.5994	4.93953

881	17.9603	499.3832	509.1622	406.6667	122.5994	4.93489
882	17.9773	455.6249	487.6835	406.5833	122.5994	4.93026
883	17.9943	445.4104	471.1577	406.5	122.5994	4.92564
884	18.0113	457.9544	458.6462	406.4167	122.5994	4.92103
885	18.0283	469.4842	449.2781	406.3333	122.5994	4.91643
886	18.0453	405.2165	442.272	406.25	122.5994	4.91184
887	18.0623	429.823	436.989	406.1667	122.5994	4.90725
888	18.0793	390.136	432.9395	406.0833	122.5994	4.90267
889	18.0963	410.3854	429.7678	406	122.5994	4.89811
890	18.1133	401.2406	428.472	407.1563	122.5994	4.89355
891	18.1303	434.2934	427.66	408.3125	122.5994	4.889
892	18.1473	422.3762	427.2453	409.4688	122.5994	4.88446
893	18.1643	430.2629	427.1815	410.625	122.5994	4.87992
894	18.1813	420.2579	427.4222	411.7813	122.5994	4.8754
895	18.1983	417.3814	427.9233	412.9375	122.5994	4.87088
896	18.2153	412.2437	428.5406	414.0938	122.5994	4.86638
897	18.2323	430.1267	429.0935	415.25	122.5994	4.86188
898	18.2493	438.9619	429.5425	416.4063	122.5994	4.85739
899	18.2663	427.0308	430.0157	417.5625	122.5994	4.8529
900	18.2833	435.5167	430.6337	418.7188	122.5994	4.84843
901	18.3003	439.4803	431.5376	419.875	122.5994	4.84396
902	18.3173	441.696	432.7323	421.0313	122.5994	4.83951
903	18.3343	463.4846	434.0836	422.1875	122.5994	4.83506
904	18.3513	451.4097	435.2271	423.3438	122.5994	4.83062
905	18.3683	417.2644	435.8834	424.5	122.5994	4.82618
906	18.3853	444.4406	436.1769	425.6563	122.5994	4.82176
907	18.4023	433.5015	436.2491	426.8125	122.5994	4.81734
908	18.4193	410.2785	436.2322	427.9688	122.5994	4.81294
909	18.4363	407.4925	436.3221	429.125	122.5994	4.80854
910	18.4533	432.3183	436.6263	430.2813	122.5994	4.80414
911	18.4703	448.1353	437.1461	431.4375	122.5994	4.79976
912	18.4873	435.9811	437.8369	432.5938	122.5994	4.79539
913	18.5043	456.4726	438.6469	433.75	122.5994	4.79102
914	18.5213	459.8151	439.0818	434.4427	122.5994	4.78666
915	18.5383	479.7698	439.5582	435.1354	122.5994	4.78231
916	18.5553	454.2803	440.0738	435.8281	122.5994	4.77797
917	18.5723	442.7728	440.6333	436.5208	122.5994	4.77363
918	18.5893	436.0369	438.9901	437.2135	122.5994	4.7693
919	18.6063	445.281	439.7626	437.9063	122.5994	4.76498
920	18.6233	426.8701	439.5155	438.599	122.5994	4.76067
921	18.6403	457.0757	440.6223	439.2917	122.5994	4.75637
922	18.6573	466.5152	441.9611	439.9844	122.5994	4.75207
923	18.6743	462.957	443.5007	440.6771	122.5994	4.74779
924	18.6913	469.6849	445.0691	441.3698	122.5994	4.74351
925	18.7083	429.9033	446.3484	442.0625	122.5994	4.73923
926	18.7253	439.387	447.0919	442.7552	122.5994	4.73497
927	18.7423	452.7354	447.4167	443.4479	122.5994	4.73071
928	18.7593	461.7403	447.4586	444.1406	122.5994	4.72646
929	18.7763	474.821	447.3933	444.8333	122.5994	4.72222

930	18.7933	449.7426	447.3857	445.526	122.5994	4.71799
931	18.8103	492.9399	447.5549	446.2188	122.5994	4.71376
932	18.8273	502.4875	447.9602	446.9115	122.5994	4.70955
933	18.8443	525.3414	448.5774	447.6042	122.5994	4.70534
934	18.8613	544.6584	449.382	448.2969	122.5994	4.70113
935	18.8783	561.968	450.3375	448.9896	122.5994	4.69694
936	18.8953	513.0697	451.3741	449.6823	122.5994	4.69275
937	18.9123	468.3862	452.3615	450.375	122.5994	4.68857
938	18.9293	496.4443	453.1717	451.0677	122.5994	4.6844
939	18.9463	456.2899	453.9198	451.7604	122.5994	4.68023
940	18.9633	494.6842	454.5187	452.4531	122.5994	4.67608
941	18.9803	437.4112	455.1046	453.1458	122.5994	4.67193
942	18.9973	406.0878	455.7648	453.8385	122.5994	4.66778
943	19.0143	444.8018	456.4117	454.5313	122.5994	4.66365
944	19.0313	459.159	457.1229	455.224	122.5994	4.65952
945	19.0483	435.7774	457.6475	455.9167	122.5994	4.6554
946	19.0653	417.5945	458.1322	456.6094	122.5994	4.65129
947	19.0823	420.1172	458.6484	457.3021	122.5994	4.64718
948	19.0993	460.7899	459.3951	457.9948	122.5994	4.64309
949	19.1163	467.6278	459.8914	458.6875	122.5994	4.63899
950	19.1333	449.4484	460.4735	459.3802	122.5994	4.63491
951	19.1503	445.7304	461.2497	460.0729	122.5994	4.63084
952	19.1673	444.8565	461.9193	460.7656	122.5994	4.62677
953	19.1843	443.3421	462.6296	461.4583	122.5994	4.6227
954	19.2013	465.1141	463.3583	462.151	122.5994	4.61865
955	19.2183	479.0115	464.1001	462.8438	122.5994	4.6146
956	19.2353	441.187	464.8527	463.5365	122.5994	4.61056
957	19.2523	446.6369	465.6153	464.2292	122.5994	4.60653
958	19.2693	476.823	466.3887	464.9219	122.5994	4.6025
959	19.2863	457.6684	467.1743	465.6146	122.5994	4.59849
960	19.3033	482.3838	467.9749	466.3073	122.5994	4.59447
961	19.3203	460.7316	468.7967	467	122.5994	4.59047
962	19.3373	451.1405	469.3798	467.4323	122.5994	4.58647
963	19.3543	488.5722	470.0214	467.8646	122.5994	4.58248
964	19.3713	504.9453	470.731	468.2969	122.5994	4.5785
965	19.3883	502.9294	471.5197	468.7292	122.5994	4.57452
966	19.4053	474.9046	472.3943	469.1615	122.5994	4.57055
967	19.4223	497.715	473.307	469.5938	122.5994	4.56659
968	19.4393	509.8958	474.9013	470.026	122.5994	4.56264
969	19.4563	456.5067	475.6933	470.4583	122.5994	4.55869
970	19.4733	481.854	476.423	470.8906	122.5994	4.55475
971	19.4903	465.6399	477.1773	471.3229	122.5994	4.55081
972	19.5073	458.4307	477.9706	471.7552	122.5994	4.54688
973	19.5243	489.8431	478.9193	472.1875	122.5994	4.54296
974	19.5413	501.1927	480.1482	472.6198	122.5994	4.53905
975	19.5583	501.7694	481.8338	473.0521	122.5994	4.53514
976	19.5753	514.9486	484.279	473.4844	122.5994	4.53124
977	19.5923	524.4183	487.9547	473.9167	122.5994	4.52735
978	19.6093	488.705	493.4273	474.349	122.5994	4.52346

979	19.6263	503.1373	501.1076	474.7813	122.5994	4.51958
980	19.6433	529.5756	510.8184	475.2135	122.5994	4.51571
981	19.6603	477.0299	521.1501	475.6458	122.5994	4.51184
982	19.6773	540.9147	529.2474	476.0781	122.5994	4.50798
983	19.6943	532.3168	533.3448	476.5104	122.5994	4.50413
984	19.7113	593.086	534.7901	476.9427	122.5994	4.50029
985	19.7283	637.6686	534.9968	477.375	122.5994	4.49645
986	19.7453	646.3441	534.4741	477.487	122.5994	4.49261
987	19.7623	625.6668	534.9986	477.599	122.5994	4.48879
988	19.7793	607.7739	537.5279	477.7109	122.5994	4.48497
989	19.7963	609.2394	542.0573	477.8229	122.5994	4.48115
990	19.8133	646.5044	548.2051	477.9349	122.5994	4.47735
991	19.8303	688.7327	555.7721	478.0469	122.5994	4.47355
992	19.8473	725.2232	565.0829	478.1589	122.5994	4.46975
993	19.8643	725.0143	577.075	478.2708	122.5994	4.46597
994	19.8813	698.9072	592.8828	478.3828	122.5994	4.46219
995	19.8983	706.3825	612.9183	478.4948	122.5994	4.45841
996	19.9153	715.0899	635.1309	478.6068	122.5994	4.45465
997	19.9323	702.3219	652.6154	478.7188	122.5994	4.45088
998	19.9493	676.5243	655.8035	478.8307	122.5994	4.44713
999	19.9663	665.9381	643.5515	478.9427	122.5994	4.44338
1000	19.9833	640.4002	622.505	479.0547	122.5994	4.43964
1001	20.0003	612.3552	596.189	479.1667	122.5994	4.4359
1002	20.0173	599.9009	568.2177	479.2786	122.5994	4.43218
1003	20.0343	571.2585	543.8649	479.3906	122.5994	4.42845
1004	20.0513	582.9938	525.6365	479.5026	122.5994	4.42474
1005	20.0683	576.1357	513.3485	479.6146	122.5994	4.42103
1006	20.0853	548.1294	505.5069	479.7266	122.5994	4.41732
1007	20.1023	516.3568	501.0677	479.8385	122.5994	4.41363
1008	20.1193	526.0975	498.5328	479.9505	122.5994	4.40994
1009	20.1363	535.0627	500.4575	480.0625	122.5994	4.40625
1010	20.1533	550.1975	499.8367	480.1745	122.5994	4.40257
1011	20.1703	543.2769	499.6721	480.2865	122.5994	4.3989
1012	20.1873	510.7221	499.7949	480.3984	122.5994	4.39523
1013	20.2043	526.4356	502.1338	480.5104	122.5994	4.39157
1014	20.2213	548.4571	502.509	480.6224	122.5994	4.38792
1015	20.2383	500.0699	502.6967	480.7344	122.5994	4.38427
1016	20.2553	518.6251	502.5642	480.8464	122.5994	4.38063
1017	20.2723	501.0806	502.1254	480.9583	122.5994	4.377
1018	20.2893	501.1849	501.4574	481.0703	122.5994	4.37337
1019	20.3063	538.9321	500.6605	481.1823	122.5994	4.36974
1020	20.3233	534.3154	499.8749	481.2943	122.5994	4.36613
1021	20.3403	445.9541	499.2214	481.4063	122.5994	4.36252
1022	20.3573	482.6386	498.7758	481.5182	122.5994	4.35891
1023	20.3743	501.5858	498.5765	481.6302	122.5994	4.35531
1024	20.3913	510.8705	498.632	481.7422	122.5994	4.35172
1025	20.4083	518.3932	498.935	481.8542	122.5994	4.34813
1026	20.4253	475.7236	499.4738	481.9661	122.5994	4.34455
1027	20.4423	484.6785	500.2392	482.0781	122.5994	4.34098

1028	20.4593	491.9894	501.2289	482.1901	122.5994	4.33741
1029	20.4763	478.8502	502.4495	482.3021	122.5994	4.33385
1030	20.4933	445.1994	503.9186	482.4141	122.5994	4.33029
1031	20.5103	481.0439	505.6664	482.526	122.5994	4.32674
1032	20.5273	527.7823	507.6961	482.638	122.5994	4.3232
1033	20.5443	502.689	510.1519	482.75	122.5994	4.31966
1034	20.5613	506.2595	512.7479	482.5417	122.5994	4.31612
1035	20.5783	512.9806	515.8921	482.3333	122.5994	4.3126
1036	20.5953	531.1423	519.713	482.125	122.5994	4.30907
1037	20.6123	538.0315	524.7673	481.9167	122.5994	4.30556
1038	20.6293	581.8261	530.4128	481.7083	122.5994	4.30205
1039	20.6463	592.242	537.2287	481.5	122.5994	4.29855
1040	20.6633	564.7622	545.4257	481.2917	122.5994	4.29505
1041	20.6803	561.7005	555.1568	481.0833	122.5994	4.29156
1042	20.6973	563.5286	567.4389	480.875	122.5994	4.28807
1043	20.7143	591.0424	582.9956	480.6667	122.5994	4.28459
1044	20.7313	640.6797	603.5652	480.4583	122.5994	4.28111
1045	20.7483	677.3884	635.0965	480.25	122.5994	4.27764
1046	20.7653	758.3798	687.5947	480.0417	122.5994	4.27418
1047	20.7823	859.2931	779.4813	479.8333	122.5994	4.27072
1048	20.7993	945.7462	936.204	479.625	122.5994	4.26727
1049	20.8163	1041.77	1181.802	479.4167	122.5994	4.26382
1050	20.8333	1200.197	1521.671	479.2083	122.5994	4.26038
1051	20.8503	1426.316	1916.073	479	122.5994	4.25695
1052	20.8673	1754.188	2248.956	478.7917	122.5994	4.25352
1053	20.8843	2243.61	2378.678	478.5833	122.5994	4.25009
1054	20.9013	2824	2307.337	478.375	122.5994	4.24667
1055	20.9183	3262.817	2129.85	478.1667	122.5994	4.24326
1056	20.9353	2994.095	1877.887	477.9583	122.5994	4.23985
1057	20.9523	2308.553	1581.025	477.75	122.5994	4.23645
1058	20.9693	1877.306	1298.66	477.2188	122.5994	4.23306
1059	20.9863	1580.32	1069.966	476.6875	122.5994	4.22967
1060	21.0033	1098.808	902.9521	476.1563	122.5994	4.22628
1061	21.0203	774.2021	784.5475	475.625	122.5994	4.2229
1062	21.0373	692.8184	700.3378	475.0938	122.5994	4.21953
1063	21.0543	668.7666	641.4076	474.5625	122.5994	4.21616
1064	21.0713	600.1342	600.712	474.0313	122.5994	4.2128
1065	21.0883	630.3006	572.5881	473.5	122.5994	4.20944
1066	21.1053	580.97	552.939	472.9688	122.5994	4.20609
1067	21.1223	545.0091	538.8271	472.4375	122.5994	4.20274
1068	21.1393	560.9079	528.219	471.9063	122.5994	4.1994
1069	21.1563	516.2566	519.9028	471.375	122.5994	4.19606
1070	21.1733	533.5323	513.1885	470.8438	122.5994	4.19273
1071	21.1903	441.7236	507.6512	470.3125	122.5994	4.18941
1072	21.2073	475.4407	503.0058	469.7813	122.5994	4.18609
1073	21.2243	479.333	499.0509	469.25	122.5994	4.18277
1074	21.2413	476.3943	495.6379	468.7188	122.5994	4.17946
1075	21.2583	486.5181	492.6587	468.1875	122.5994	4.17616
1076	21.2753	465.385	490.0369	467.6563	122.5994	4.17286

1077	21.2923	438.1955	487.722	467.125	122.5994	4.16957
1078	21.3093	490.5605	485.6822	466.5938	122.5994	4.16628
1079	21.3263	480.473	483.8954	466.0625	122.5994	4.163
1080	21.3433	480.2408	482.337	465.5313	122.5994	4.15972
1081	21.3603	455.5654	480.9619	465	122.5994	4.15645
1082	21.3773	436.7779	479.9247	464.7083	122.5994	4.15318
1083	21.3943	484.009	478.8856	464.4167	122.5994	4.14992
1084	21.4113	473.5133	477.8335	464.125	122.5994	4.14666
1085	21.4283	453.5941	476.8265	463.8333	122.5994	4.14341
1086	21.4453	446.3501	475.8921	463.5417	122.5994	4.14016
1087	21.4623	434.6493	475.0594	463.25	122.5994	4.13692
1088	21.4793	476.7715	474.3864	462.9583	122.5994	4.13369
1089	21.4963	483.8548	473.9214	462.6667	122.5994	4.13046
1090	21.5133	463.4284	473.6843	462.375	122.5994	4.12723
1091	21.5303	463.4547	473.6239	462.0833	122.5994	4.12401
1092	21.5473	473.1859	473.8713	461.7917	122.5994	4.12079
1093	21.5643	470.8988	474.3494	461.5	122.5994	4.11758
1094	21.5813	464.2098	471.3159	461.2083	122.5994	4.11438
1095	21.5983	460.2803	472.3034	460.9167	122.5994	4.11118
1096	21.6153	459.802	473.3197	460.625	122.5994	4.10798
1097	21.6323	491.3242	474.2199	460.3333	122.5994	4.10479
1098	21.6493	478.1331	474.8286	460.0417	122.5994	4.10161
1099	21.6663	456.3668	476.3904	459.75	122.5994	4.09843
1100	21.6833	480.5158	476.159	459.4583	122.5994	4.09525
1101	21.7003	447.1075	475.4423	459.1667	122.5994	4.09209
1102	21.7173	456.396	473.2446	458.875	122.5994	4.08892
1103	21.7343	470.8988	472.0303	458.5833	122.5994	4.08576
1104	21.7513	445.937	470.6526	458.2917	122.5994	4.08261
1105	21.7683	479.0638	469.2939	458	122.5994	4.07946
1106	21.7853	452.6464	468.4437	458.2292	122.5994	4.07631
1107	21.8023	431.0371	467.9879	458.4583	122.5994	4.07317
1108	21.8193	477.4918	467.8	458.6875	122.5994	4.07004
1109	21.8363	481.0271	467.9318	458.9167	122.5994	4.06691
1110	21.8533	464.6626	468.4105	459.1458	122.5994	4.06378
1111	21.8703	447.211	469.2746	459.375	122.5994	4.06066
1112	21.8873	456.7521	470.5704	459.6042	122.5994	4.05754
1113	21.9043	494.394	472.4134	459.8333	122.5994	4.05443
1114	21.9213	455.9283	475.1246	460.0625	122.5994	4.05133
1115	21.9383	478.8176	479.4719	460.2917	122.5994	4.04823
1116	21.9553	501.5616	486.9653	460.5208	122.5994	4.04513
1117	21.9723	493.6309	500.0589	460.75	122.5994	4.04204
1118	21.9893	556.0274	521.7899	460.9792	122.5994	4.03895
1119	22.0063	531.5412	554.4022	461.2083	122.5994	4.03587
1120	22.0233	580.5381	596.9614	461.4375	122.5994	4.03279
1121	22.0403	641.653	642.1357	461.6667	122.5994	4.02972
1122	22.0573	700.3698	672.8333	461.8958	122.5994	4.02665
1123	22.0743	696.3161	676.581	462.125	122.5994	4.02359
1124	22.0913	747.4718	660.562	462.3542	122.5994	4.02053
1125	22.1083	685.2728	635.1519	462.5833	122.5994	4.01748

1126	22.1253	622.5263	601.8465	462.8125	122.5994	4.01443
1127	22.1423	666.149	565.5749	463.0417	122.5994	4.01139
1128	22.1593	636.6029	534.1223	463.2708	122.5994	4.00835
1129	22.1763	578.675	510.9055	463.5	122.5994	4.00532
1130	22.1933	519.138	495.2451	463.4375	122.5994	4.00229
1131	22.2103	484.009	485.5764	463.375	122.5994	3.99926
1132	22.2273	478.1134	479.8319	463.3125	122.5994	3.99624
1133	22.2443	458.9594	476.3683	463.25	122.5994	3.99322
1134	22.2613	448.4233	474.144	463.1875	122.5994	3.99021
1135	22.2783	472.9013	472.6032	463.125	122.5994	3.98721
1136	22.2953	488.7727	471.4798	463.0625	122.5994	3.98421
1137	22.3123	476.7006	470.649	463	122.5994	3.98121
1138	22.3293	498.4711	470.0496	462.9375	122.5994	3.97822
1139	22.3463	500.1083	469.6502	462.875	122.5994	3.97523
1140	22.3633	488.4913	469.435	462.8125	122.5994	3.97224
1141	22.3803	478.9583	469.3966	462.75	122.5994	3.96927
1142	22.3973	483.4735	469.5308	462.6875	122.5994	3.96629
1143	22.4143	472.3757	469.832	462.625	122.5994	3.96332
1144	22.4313	446.1205	470.2878	462.5625	122.5994	3.96036
1145	22.4483	492.2718	470.8742	462.5	122.5994	3.9574
1146	22.4653	493.1412	471.4816	462.4375	122.5994	3.95444
1147	22.4823	449.9747	472.1822	462.375	122.5994	3.95149
1148	22.4993	428.3621	472.8176	462.3125	122.5994	3.94854
1149	22.5163	433.0921	472.2332	462.25	122.5994	3.9456
1150	22.5333	458.2523	471.9582	462.1875	122.5994	3.94266
1151	22.5503	469.7889	472.1057	462.125	122.5994	3.93973
1152	22.5673	451.2478	472.0664	462.0625	122.5994	3.9368
1153	22.5843	479.2065	471.926	462	122.5994	3.93387
1154	22.6013	463.8065	471.7985	461.9375	122.5994	3.93095
1155	22.6183	479.5774	471.8253	461.875	122.5994	3.92803
1156	22.6353	476.4966	472.1467	461.8125	122.5994	3.92512
1157	22.6523	486.7435	472.9125	461.75	122.5994	3.92222
1158	22.6693	484.4752	474.652	461.6875	122.5994	3.91931
1159	22.6863	479.9884	476.7294	461.625	122.5994	3.91641
1160	22.7033	435.5896	479.5892	461.5625	122.5994	3.91352
1161	22.7203	477.6889	483.4608	461.5	122.5994	3.91063
1162	22.7373	449.9869	488.5102	461.4375	122.5994	3.90774
1163	22.7543	475.1918	493.7093	461.375	122.5994	3.90486
1164	22.7713	446.2308	499.3052	461.3125	122.5994	3.90199
1165	22.7883	487.6312	505.123	461.25	122.5994	3.89911
1166	22.8053	470.8988	510.0329	461.1875	122.5994	3.89625
1167	22.8223	470.4641	513.6111	461.125	122.5994	3.89338
1168	22.8393	465.6274	515.3606	461.0625	122.5994	3.89052
1169	22.8563	463.7062	515.1443	461	122.5994	3.88767
1170	22.8733	501.0876	513.1582	460.9375	122.5994	3.88482
1171	22.8903	502.8189	509.7931	460.875	122.5994	3.88197
1172	22.9073	539.144	505.5627	460.8125	122.5994	3.87913
1173	22.9243	574.6194	501.08	460.75	122.5994	3.87629
1174	22.9413	543.38	497.02	460.6875	122.5994	3.87346

1175	22.9583	528.6033	494.1209	460.625	122.5994	3.87063
1176	22.9753	569.1429	493.26	460.5625	122.5994	3.8678
1177	22.9923	577.469	495.504	460.5	122.5994	3.86498
1178	23.0093	583.9639	501.6892	460.1458	122.5994	3.86216
1179	23.0263	578.8919	512.8908	459.7917	122.5994	3.85935
1180	23.0433	551.7337	528.8873	459.4375	122.5994	3.85654
1181	23.0603	519.9809	547.2552	459.0833	122.5994	3.85374
1182	23.0773	491.3035	563.6863	458.7292	122.5994	3.85093
1183	23.0943	511.56	578.6391	458.375	122.5994	3.84814
1184	23.1113	530.6957	589.3315	458.0208	122.5994	3.84535
1185	23.1283	531.6763	592.5576	457.6667	122.5994	3.84256
1186	23.1453	524.3597	583.4306	457.3125	122.5994	3.83977
1187	23.1623	529.188	566.4332	456.9583	122.5994	3.83699
1188	23.1793	521.2852	548.0703	456.6042	122.5994	3.83422
1189	23.1963	500.7101	529.3618	456.25	122.5994	3.83145
1190	23.2133	503.2945	511.0992	455.8958	122.5994	3.82868
1191	23.2303	471.1497	495.7346	455.5417	122.5994	3.82592
1192	23.2473	474.9762	484.4179	455.1875	122.5994	3.82316
1193	23.2643	475.8361	476.8215	454.8333	122.5994	3.8204
1194	23.2813	455.1169	472.0744	454.4792	122.5994	3.81765
1195	23.2983	479.4138	469.2637	454.125	122.5994	3.8149
1196	23.3153	461.9492	467.6331	453.7708	122.5994	3.81216
1197	23.3323	443.2575	466.8141	453.4167	122.5994	3.80942
1198	23.3493	440.9577	466.549	453.0625	122.5994	3.80669
1199	23.3663	441.0082	466.7708	452.7083	122.5994	3.80396
1200	23.3833	451.135	467.4941	452.3542	122.5994	3.80123
1201	23.4003	450.2154	468.9042	452	122.5994	3.79851
1202	23.4173	449.4484	472.0703	452.3477	122.5994	3.79579
1203	23.4343	479.2603	477.217	452.6953	122.5994	3.79307
1204	23.4513	483.9536	486.1078	453.043	122.5994	3.79036
1205	23.4683	484.009	501.2213	453.3906	122.5994	3.78765
1206	23.4853	471.8547	524.9441	453.7383	122.5994	3.78495
1207	23.5023	534.7895	557.9683	454.0859	122.5994	3.78225
1208	23.5193	489.9064	596.8326	454.4336	122.5994	3.77955
1209	23.5363	542.4473	630.7791	454.7813	122.5994	3.77686
1210	23.5533	543.0851	645.4447	455.1289	122.5994	3.77418
1211	23.5703	559.5039	640.2926	455.4766	122.5994	3.77149
1212	23.5873	630.5884	627.1356	455.8242	122.5994	3.76881
1213	23.6043	638.5407	610.8782	456.1719	122.5994	3.76614
1214	23.6213	620.517	590.8892	456.5195	122.5994	3.76346
1215	23.6383	627.4474	571.3554	456.8672	122.5994	3.7608
1216	23.6553	635.9449	554.5165	457.2148	122.5994	3.75813
1217	23.6723	580.8209	539.5581	457.5625	122.5994	3.75547
1218	23.6893	583.5171	526.3328	457.9102	122.5994	3.75281
1219	23.7063	592.3615	517.4115	458.2578	122.5994	3.75016
1220	23.7233	575.374	510.6593	458.6055	122.5994	3.74751
1221	23.7403	551.1349	505.2306	458.9531	122.5994	3.74487
1222	23.7573	527.3588	502.2501	459.3008	122.5994	3.74223
1223	23.7743	522.9208	501.5433	459.6484	122.5994	3.73959

1224	23.7913	543.5072	503.341	459.9961	122.5994	3.73696
1225	23.8083	530.628	507.2636	460.3438	122.5994	3.73433
1226	23.8253	544.5696	512.1288	460.6914	122.5994	3.7317
1227	23.8423	560.1724	517.1524	461.0391	122.5994	3.72908
1228	23.8593	569.318	521.5627	461.3867	122.5994	3.72646
1229	23.8763	550.2813	524.1166	461.7344	122.5994	3.72384
1230	23.8933	547.5702	524.6155	462.082	122.5994	3.72123
1231	23.9103	541.083	523.104	462.4297	122.5994	3.71863
1232	23.9273	513.7825	520.6024	462.7773	122.5994	3.71602
1233	23.9443	523.0358	516.2026	463.125	122.5994	3.71342
1234	23.9613	557.1958	510.0074	463.4727	122.5994	3.71083
1235	23.9783	538.6386	505.0369	463.8203	122.5994	3.70823
1236	23.9953	530.3855	500.0812	464.168	122.5994	3.70565
1237	24.0123	538.2501	495.8427	464.5156	122.5994	3.70306
1238	24.0293	546.8755	492.2479	464.8633	122.5994	3.70048
1239	24.0463	534.5206	490.8275	465.2109	122.5994	3.6979
1240	24.0633	571.0889	491.6788	465.5586	122.5994	3.69533
1241	24.0803	578.9453	495.3768	465.9063	122.5994	3.69276
1242	24.0973	548.0859	503.0238	466.2539	122.5994	3.69019
1243	24.1143	576.0387	514.1801	466.6016	122.5994	3.68763
1244	24.1313	558.5284	526.8511	466.9492	122.5994	3.68507
1245	24.1483	512.4739	537.0062	467.2969	122.5994	3.68251
1246	24.1653	548.9197	540.852	467.6445	122.5994	3.67996
1247	24.1823	535.2461	540.671	467.9922	122.5994	3.67741
1248	24.1993	536.6864	540.7856	468.3398	122.5994	3.67487
1249	24.2163	599.4894	542.3809	468.6875	122.5994	3.67233
1250	24.2333	543.2688	545.3219	468.6589	122.5994	3.66979
1251	24.2503	563.0157	550.8353	468.6302	122.5994	3.66725
1252	24.2673	566.3857	558.6646	468.6016	122.5994	3.66472
1253	24.2843	544.3525	568.9158	468.5729	122.5994	3.6622
1254	24.3013	607.4042	580.4745	468.5443	122.5994	3.65967
1255	24.3183	629.6512	586.8218	468.5156	122.5994	3.65715
1256	24.3353	625.0716	581.7455	468.487	122.5994	3.65464
1257	24.3523	645.422	568.8805	468.4583	122.5994	3.65212
1258	24.3693	656.4843	554.3047	468.4297	122.5994	3.64961
1259	24.3863	674.1252	538.7763	468.401	122.5994	3.64711
1260	24.4033	573.4797	522.1969	468.3724	122.5994	3.64461
1261	24.4203	547.0541	507.0643	468.3438	122.5994	3.64211
1262	24.4373	536.2903	495.2807	468.3151	122.5994	3.63961
1263	24.4543	496.2975	487.0351	468.2865	122.5994	3.63712
1264	24.4713	515.2406	481.6848	468.2578	122.5994	3.63463
1265	24.4883	512.6402	478.3603	468.2292	122.5994	3.63215
1266	24.5053	497.8961	476.2825	468.2005	122.5994	3.62967
1267	24.5223	487.1937	474.908	468.1719	122.5994	3.62719
1268	24.5393	488.1482	473.9223	468.1432	122.5994	3.62471
1269	24.5563	469.654	473.1649	468.1146	122.5994	3.62224
1270	24.5733	481.7182	472.5563	468.0859	122.5994	3.61978
1271	24.5903	472.2481	472.0543	468.0573	122.5994	3.61731
1272	24.6073	469.08	471.633	468.0286	122.5994	3.61485

1273	24.6243	453.6332	472.8278	468	122.5994	3.6124
1274	24.6413	478.6675	473.943	469.3125	122.5994	3.60994
1275	24.6583	473.286	475.106	470.625	122.5994	3.60749
1276	24.6753	454.2251	476.3141	471.9375	122.5994	3.60504
1277	24.6923	439.9215	477.5811	473.25	122.5994	3.6026
1278	24.7093	457.0368	478.8824	474.5625	122.5994	3.60016
1279	24.7263	475.3963	479.5949	475.875	122.5994	3.59772
1280	24.7433	462.2586	480.3882	477.1875	122.5994	3.59529
1281	24.7603	471.6484	481.8668	478.5	122.5994	3.59286
1282	24.7773	469.8024	483.3744	479.8125	122.5994	3.59043
1283	24.7943	449.852	484.6502	481.125	122.5994	3.58801
1284	24.8113	456.4817	486.2539	482.4375	122.5994	3.58559
1285	24.8283	469.2832	487.9054	483.75	122.5994	3.58317
1286	24.8453	493.8279	489.6152	485.0625	122.5994	3.58076
1287	24.8623	503.2512	491.3949	486.375	122.5994	3.57835
1288	24.8793	486.3973	493.2566	487.6875	122.5994	3.57594
1289	24.8963	464.1839	495.2115	489	122.5994	3.57354
1290	24.9133	510.1454	497.2696	490.3125	122.5994	3.57114
1291	24.9303	485.0784	499.4375	491.625	122.5994	3.56874
1292	24.9473	512.5128	501.7176	492.9375	122.5994	3.56635
1293	24.9643	499.193	504.1059	494.25	122.5994	3.56396
1294	24.9813	514.9461	506.5929	495.5625	122.5994	3.56157
1295	24.9983	512.2041	509.171	496.875	122.5994	3.55919
1296	25.0153	534.5004	511.8506	498.1875	122.5994	3.55681
1297	25.0323	490.2422	514.6854	499.5	122.5994	3.55443
1298	25.0493	508.2706	517.7975	500.8125	122.5994	3.55206
1299	25.0663	510.7695	521.4299	502.125	122.5994	3.54969
1300	25.0833	489.4876	526.0848	503.4375	122.5994	3.54732
1301	25.1003	532.3141	532.7972	504.75	122.5994	3.54496
1302	25.1173	556.7986	543.4696	506.0625	122.5994	3.5426
1303	25.1343	581.6635	560.9438	507.375	122.5994	3.54024
1304	25.1513	640.8313	588.3066	508.6875	122.5994	3.53789
1305	25.1683	661.6893	627.2271	510	122.5994	3.53553
1306	25.1853	683.638	674.8339	511.3125	122.5994	3.53319
1307	25.2023	713.4396	720.566	512.625	122.5994	3.53084
1308	25.2193	713.7441	746.5448	513.9375	122.5994	3.5285
1309	25.2363	682.7246	746.6008	515.25	122.5994	3.52616
1310	25.2533	687.4087	734.3015	516.5625	122.5994	3.52383
1311	25.2703	660.8904	719.7982	517.875	122.5994	3.52149
1312	25.2873	641.0822	702.0074	519.1875	122.5994	3.51917
1313	25.3043	637.1293	682.5981	520.5	122.5994	3.51684
1314	25.3213	607.6328	669.2344	521.8125	122.5994	3.51452
1315	25.3383	600.2612	666.6066	523.125	122.5994	3.5122
1316	25.3553	583.4008	674.3121	524.4375	122.5994	3.50988
1317	25.3723	567.2296	687.3955	525.75	122.5994	3.50757
1318	25.3893	598.7093	697.3311	527.0625	122.5994	3.50526
1319	25.4063	546.9487	698.0814	528.375	122.5994	3.50295
1320	25.4233	537.8441	691.5483	529.6875	122.5994	3.50065
1321	25.4403	577.4705	681.2621	531	122.5994	3.49835

1322	25.4573	617.154	667.157	531.9583	122.5994	3.49605
1323	25.4743	613.4197	649.918	532.9167	122.5994	3.49375
1324	25.4913	612.0219	632.4233	533.875	122.5994	3.49146
1325	25.5083	644.7879	617.3743	534.8333	122.5994	3.48917
1326	25.5253	657.7651	605.8847	535.7917	122.5994	3.48689
1327	25.5423	647.8728	597.7469	536.75	122.5994	3.48461
1328	25.5593	647.4518	591.5959	537.7083	122.5994	3.48233
1329	25.5763	653.9664	585.7114	538.6667	122.5994	3.48005
1330	25.5933	666.5679	579.7936	539.625	122.5994	3.47778
1331	25.6103	664.459	574.6169	540.5833	122.5994	3.47551
1332	25.6273	644.2613	570.3224	541.5417	122.5994	3.47324
1333	25.6443	605.6626	566.4106	542.5	122.5994	3.47098
1334	25.6613	617.4231	562.963	543.4583	122.5994	3.46872
1335	25.6783	622.9942	560.3004	544.4167	122.5994	3.46646
1336	25.6953	605.6407	558.4767	545.375	122.5994	3.4642
1337	25.7123	637.547	557.329	546.3333	122.5994	3.46195
1338	25.7293	638.5923	556.7359	547.2917	122.5994	3.4597
1339	25.7463	592.276	556.5446	548.25	122.5994	3.45746
1340	25.7633	604.5471	556.5998	549.2083	122.5994	3.45521
1341	25.7803	686.7652	556.8079	550.1667	122.5994	3.45297
1342	25.7973	594.4565	557.1426	551.125	122.5994	3.45074
1343	25.8143	571.8204	557.5801	552.0833	122.5994	3.4485
1344	25.8313	571.2207	558.1512	553.0417	122.5994	3.44627
1345	25.8483	536.7083	558.8344	554	122.5994	3.44404
1346	25.8653	568.942	557.9518	554.4884	122.5994	3.44182
1347	25.8823	526.2482	558.4313	554.9769	122.5994	3.4396
1348	25.8993	570.4001	577.0793	555.4653	122.5994	3.43738
1349	25.9163	519.9402	578.4814	555.9538	122.5994	3.43516
1350	25.9333	541.9673	579.983	556.4422	122.5994	3.43295
1351	25.9503	509.3123	581.7015	556.9307	122.5994	3.43074
1352	25.9673	569.2799	592.4249	557.4191	122.5994	3.42853
1353	25.9843	538.7932	595.1741	557.9076	122.5994	3.42633
1354	26.0013	504.9515	598.1181	558.396	122.5994	3.42413
1355	26.0183	563.318	600.9334	558.8845	122.5994	3.42193
1356	26.0353	545.0747	609.2777	559.3729	122.5994	3.41973
1357	26.0523	554.4928	611.6274	559.8614	122.5994	3.41754
1358	26.0693	547.5542	614.0635	560.3498	122.5994	3.41535
1359	26.0863	570.6585	616.6754	560.8383	122.5994	3.41316
1360	26.1033	584.4218	622.3793	561.3267	122.5994	3.41098
1361	26.1203	577.0543	625.4844	561.8151	122.5994	3.40879
1362	26.1373	567.8036	629.0277	562.3036	122.5994	3.40662
1363	26.1543	581.5817	633.1166	562.792	122.5994	3.40444
1364	26.1713	606.782	637.7998	563.2805	122.5994	3.40227
1365	26.1883	610.1014	643.1122	563.7689	122.5994	3.4001
1366	26.2053	611.8614	648.5725	564.2574	122.5994	3.39793
1367	26.2223	605.4473	655.3471	564.7458	122.5994	3.39577
1368	26.2393	608.8888	663.0057	565.2343	122.5994	3.3936
1369	26.2563	624.2166	671.416	565.7227	122.5994	3.39145
1370	26.2733	616.8976	681.0581	565.8342	122.5994	3.38929

1371	26.2903	654.3401	692.3726	565.9457	122.5994	3.38714
1372	26.3073	643.3851	706.0422	566.0572	122.5994	3.38499
1373	26.3243	650.58	723.2626	566.1686	122.5994	3.38284
1374	26.3413	702.7165	745.5833	566.2801	122.5994	3.38069
1375	26.3583	698.6325	774.1674	566.3916	122.5994	3.37855
1376	26.3753	697.8796	808.9496	566.5031	122.5994	3.37641
1377	26.3923	758.6565	847.5447	566.6145	122.5994	3.37428
1378	26.4093	813.0265	885.0353	566.726	122.5994	3.37214
1379	26.4263	888.9507	919.7509	566.8375	122.5994	3.37001
1380	26.4433	940.6018	957.8404	566.949	122.5994	3.36789
1381	26.4603	961.5169	1005.257	567.0605	122.5994	3.36576
1382	26.4773	1068.388	1062.125	567.1719	122.5994	3.36364
1383	26.4943	1241.249	1127.821	567.2834	122.5994	3.36152
1384	26.5113	1388.969	1211.275	567.3949	122.5994	3.3594
1385	26.5283	1554.221	1336.854	567.5064	122.5994	3.35729
1386	26.5453	1818.352	1548.327	567.6178	122.5994	3.35517
1387	26.5623	2103.378	1921.212	567.7293	122.5994	3.35307
1388	26.5793	2608.823	2571.54	567.8408	122.5994	3.35096
1389	26.5963	3047.193	3631.781	567.9523	122.5994	3.34886
1390	26.6133	3672.311	5176.205	568.0638	122.5994	3.34676
1391	26.6303	4843.919	7106.875	568.1752	122.5994	3.34466
1392	26.6473	6253.247	8994.598	568.2867	122.5994	3.34256
1393	26.6643	8394.941	10065.51	568.3982	122.5994	3.34047
1394	26.6813	10934.57	9953.54	568.5097	122.5994	3.33838
1395	26.6983	13905.9	9220.236	568.6212	122.5994	3.33629
1396	26.7153	13369.31	8391.433	568.7326	122.5994	3.33421
1397	26.7323	9261.322	7420.719	568.8441	122.5994	3.33213
1398	26.7493	7407.352	6194.811	568.9556	122.5994	3.33005
1399	26.7663	7271.497	4950.542	569.0671	122.5994	3.32797
1400	26.7833	6568.978	3933.799	569.1786	122.5994	3.3259
1401	26.8003	4105.832	3207.976	569.29	122.5994	3.32383
1402	26.8173	2544.199	2729.194	569.4015	122.5994	3.32176
1403	26.8343	2160.866	2418.327	569.513	122.5994	3.31969
1404	26.8513	1902.253	2199.719	569.6245	122.5994	3.31763
1405	26.8683	1795.249	2022.01	569.736	122.5994	3.31557
1406	26.8853	1650.915	1857.761	569.8474	122.5994	3.31351
1407	26.9023	1598.312	1697.344	569.9589	122.5994	3.31146
1408	26.9193	1438.487	1541.723	570.0704	122.5994	3.3094
1409	26.9363	1269.101	1395.365	570.1819	122.5994	3.30735
1410	26.9533	1204.231	1263.023	570.2934	122.5994	3.30531
1411	26.9703	1078.533	1147.433	570.4048	122.5994	3.30326
1412	26.9873	951.0598	1049.769	570.5163	122.5994	3.30122
1413	27.0043	864.4129	969.1508	570.6278	122.5994	3.29918
1414	27.0213	790.6782	903.9236	570.7393	122.5994	3.29714
1415	27.0383	760.2958	851.941	570.8508	122.5994	3.29511
1416	27.0553	738.678	810.9102	570.9622	122.5994	3.29308
1417	27.0723	721.1154	720.5844	571.0737	122.5994	3.29105
1418	27.0893	675.1447	699.1966	570.8082	122.5994	3.28902
1419	27.1063	640.3468	682.4883	570.5428	122.5994	3.287

1420	27.1233	694.9229	669.2332	570.2773	122.5994	3.28497
1421	27.1403	734.4237	658.5084	570.0118	122.5994	3.28295
1422	27.1573	703.8539	649.6406	569.7463	122.5994	3.28094
1423	27.1743	684.3406	642.1531	569.4808	122.5994	3.27892
1424	27.1913	670.4238	635.7137	569.2153	122.5994	3.27691
1425	27.2083	625.134	630.0916	568.9498	122.5994	3.2749
1426	27.2253	628.1783	625.1249	568.6843	122.5994	3.2729
1427	27.2423	589.8594	624.9917	568.4188	122.5994	3.27089
1428	27.2593	579.9619	621.2543	568.1533	122.5994	3.26889
1429	27.2763	551.2741	617.9234	567.8878	122.5994	3.26689
1430	27.2933	541.7226	614.9478	567.6224	122.5994	3.2649
1431	27.3103	550.0916	612.7659	567.3569	122.5994	3.2629
1432	27.3273	544.8051	610.4099	567.0914	122.5994	3.26091
1433	27.3443	509.5324	608.3121	566.8259	122.5994	3.25892
1434	27.3613	563.5972	606.4518	566.5604	122.5994	3.25694
1435	27.3783	596.7286	604.8134	566.2949	122.5994	3.25495
1436	27.3953	626.3274	603.3851	566.0294	122.5994	3.25297
1437	27.4123	607.721	602.16	565.7639	122.5994	3.25099
1438	27.4293	656.0168	601.1354	565.4984	122.5994	3.24902
1439	27.4463	684.8293	600.3129	565.2329	122.5994	3.24704
1440	27.4633	681.4221	599.7	564.9675	122.5994	3.24507
1441	27.4803	722.9206	590.1765	564.702	122.5994	3.2431
1442	27.4973	718.5539	590.048	564.0556	122.5994	3.24114
1443	27.5143	779.9314	590.1721	563.4092	122.5994	3.23917
1444	27.5313	834.029	590.5997	562.7628	122.5994	3.23721
1445	27.5483	813.8605	591.1984	562.1164	122.5994	3.23525
1446	27.5653	836.8121	592.5238	561.4701	122.5994	3.2333
1447	27.5823	861.3913	594.6044	560.8237	122.5994	3.23134
1448	27.5993	911.4091	597.9598	560.1773	122.5994	3.22939
1449	27.6163	781.8793	598.0194	559.5309	122.5994	3.22744
1450	27.6333	734.054	608.2565	558.8845	122.5994	3.22549
1451	27.6503	718.3362	625.6364	558.2382	122.5994	3.22355
1452	27.6673	756.9493	653.1054	557.5918	122.5994	3.22161
1453	27.6843	729.4919	690.2281	556.9454	122.5994	3.21967
1454	27.7013	686.0246	737.1104	556.299	122.5994	3.21773
1455	27.7183	670.2346	780.366	555.6526	122.5994	3.2158
1456	27.7353	717.3743	802.1827	555.0063	122.5994	3.21386
1457	27.7523	800.2508	798.8553	554.3599	122.5994	3.21193
1458	27.7693	947.955	786.7578	553.7135	122.5994	3.21001
1459	27.7863	973.8203	778.3304	553.0671	122.5994	3.20808
1460	27.8033	923.4899	774.6497	552.4207	122.5994	3.20616
1461	27.8203	947.8185	778.8372	551.7744	122.5994	3.20424
1462	27.8373	1026.692	805.0413	551.128	122.5994	3.20232
1463	27.8543	1060.211	867.3872	550.4816	122.5994	3.2004
1464	27.8713	1083.041	969.7292	549.8352	122.5994	3.19849
1465	27.8883	1021.4	1098.667	549.1888	122.5994	3.19658
1466	27.9053	1033.708	1214.447	548.0513	122.5994	3.19467
1467	27.9223	1118.033	1269.998	546.9137	122.5994	3.19276
1468	27.9393	1233.058	1269.004	545.7762	122.5994	3.19086

1469	27.9563	1408.128	1250.39	544.6387	122.5994	3.18896
1470	27.9733	1486.961	1221.055	543.5011	122.5994	3.18706
1471	27.9903	1465.868	1161.732	542.3636	122.5994	3.18516
1472	28.0073	1412.401	1076.136	541.226	122.5994	3.18327
1473	28.0243	1401.369	989.9792	540.0885	122.5994	3.18137
1474	28.0413	1329.665	917.023	538.9509	122.5994	3.17948
1475	28.0583	1250.274	858.8027	537.8134	122.5994	3.1776
1476	28.0753	1117.015	816.8357	536.6758	122.5994	3.17571
1477	28.0923	956.2809	791.0204	535.5383	122.5994	3.17383
1478	28.1093	876.2211	776.0548	534.4007	122.5994	3.17195
1479	28.1263	777.7693	762.0883	533.2632	122.5994	3.17007
1480	28.1433	729.4133	739.4188	532.1256	122.5994	3.16819
1481	28.1603	728.09	713.0078	530.9881	122.5994	3.16632
1482	28.1773	719.6999	688.1776	529.8505	122.5994	3.16445
1483	28.1943	635.5379	666.564	528.713	122.5994	3.16258
1484	28.2113	620.4775	645.213	527.5754	122.5994	3.16071
1485	28.2283	579.0837	626.1893	526.4379	122.5994	3.15884
1486	28.2453	608.4552	612.8248	525.3003	122.5994	3.15698
1487	28.2623	595.697	608.1554	524.1628	122.5994	3.15512
1488	28.2793	561.8801	612.869	523.0252	122.5994	3.15326
1489	28.2963	561.7776	624.8614	521.8877	122.5994	3.15141
1490	28.3133	565.9146	637.6779	520.309	122.5994	3.14955
1491	28.3303	551.4294	639.4896	518.7304	122.5994	3.1477
1492	28.3473	542.0149	635.1768	517.1517	122.5994	3.14585
1493	28.3643	582.718	625.8776	515.5731	122.5994	3.14401
1494	28.3813	555.2286	614.3269	513.9944	122.5994	3.14216
1495	28.3983	546.3228	600.1962	512.4158	122.5994	3.14032
1496	28.4153	557.1593	585.5466	510.8371	122.5994	3.13848
1497	28.4323	504.9008	570.3295	509.2585	122.5994	3.13664
1498	28.4493	485.1537	556.5504	507.6798	122.5994	3.13481
1499	28.4663	516.902	545.1754	506.1012	122.5994	3.13297
1500	28.4833	541.7677	536.3954	504.5225	122.5994	3.13114
1501	28.5003	504.6361	529.742	502.9438	122.5994	3.12931
1502	28.5173	489.7302	524.5236	501.3652	122.5994	3.12749
1503	28.5343	497.1069	520.14	499.7865	122.5994	3.12566
1504	28.5513	494.2173	516.1859	498.2079	122.5994	3.12384
1505	28.5683	491.8448	512.4526	496.6292	122.5994	3.12202
1506	28.5853	506.8125	508.8779	495.0506	122.5994	3.1202
1507	28.6023	476.189	505.4732	493.4719	122.5994	3.11838
1508	28.6193	489.6581	502.2669	491.8933	122.5994	3.11657
1509	28.6363	499.2956	499.2754	490.3146	122.5994	3.11476
1510	28.6533	510.1736	496.4983	488.736	122.5994	3.11295
1511	28.6703	495.8863	493.9225	487.1573	122.5994	3.11114
1512	28.6873	486.676	491.5283	485.5787	122.5994	3.10934
1513	28.7043	478.4407	489.2939	484	122.5994	3.10753
1514	28.7213	469.966	487.5687	482.7917	122.5994	3.10573
1515	28.7383	500.1596	485.9633	481.5833	122.5994	3.10394
1516	28.7553	517.9574	484.457	480.375	122.5994	3.10214
1517	28.7723	497.6775	483.0234	479.1667	122.5994	3.10034

1518	28.7893	464.6052	481.6229	477.9583	122.5994	3.09855
1519	28.8063	450.8862	480.2117	476.75	122.5994	3.09676
1520	28.8233	446.5583	478.0038	475.5417	122.5994	3.09497
1521	28.8403	448.1996	476.6136	474.3333	122.5994	3.09319
1522	28.8573	461.883	475.2424	473.125	122.5994	3.09141
1523	28.8743	463.2925	473.8798	471.9167	122.5994	3.08962
1524	28.8913	458.9585	471.2919	470.7083	122.5994	3.08784
1525	28.9083	468.1937	469.9983	469.5	122.5994	3.08607
1526	28.9253	453.474	468.7169	468.2917	122.5994	3.08429
1527	28.9423	467.3351	467.451	467.0833	122.5994	3.08252
1528	28.9593	452.5502	466.1992	465.875	122.5994	3.08075
1529	28.9763	468.205	464.9583	464.6667	122.5994	3.07898
1530	28.9933	459.2829	463.7248	463.4583	122.5994	3.07721
1531	29.0103	490.0548	462.4959	462.25	122.5994	3.07545
1532	29.0273	531.2317	461.2702	461.0417	122.5994	3.07369
1533	29.0443	477.4111	460.0467	459.8333	122.5994	3.07193
1534	29.0613	519.158	458.8248	458.625	122.5994	3.07017
1535	29.0783	453.6985	457.6042	457.4167	122.5994	3.06841
1536	29.0953	453.4654	456.3849	456.2083	122.5994	3.06666
1537	29.1123	445.4257	455.1665	455	122.5994	3.0649
1538	29.1293	453.1398	455.6782	455.5208	122.5994	3.06315
1539	29.1463	497.7359	457.0395	456.0417	122.5994	3.06141
1540	29.1633	461.3724	457.5903	456.5625	122.5994	3.05966
1541	29.1803	483.7304	458.1442	457.0833	122.5994	3.05792
1542	29.1973	457.757	458.7014	457.6042	122.5994	3.05618
1543	29.2143	472.742	459.6757	458.125	122.5994	3.05444
1544	29.2313	446.9757	460.2584	458.6458	122.5994	3.0527
1545	29.2483	470.8988	460.8462	459.1667	122.5994	3.05096
1546	29.2653	476.17	461.3759	459.6875	122.5994	3.04923
1547	29.2823	478.0495	461.9783	460.2083	122.5994	3.0475
1548	29.2993	450.2991	462.5873	460.7292	122.5994	3.04577
1549	29.3163	484.009	463.2036	461.25	122.5994	3.04404
1550	29.3333	474.0448	463.8281	461.7708	122.5994	3.04231
1551	29.3503	456.6969	464.4282	462.2917	122.5994	3.04059
1552	29.3673	475.23	465.0729	462.8125	122.5994	3.03887
1553	29.3843	504.3775	465.7285	463.3333	122.5994	3.03715
1554	29.4013	513.4207	466.3965	463.8542	122.5994	3.03543
1555	29.4183	535.0629	467.0784	464.375	122.5994	3.03372
1556	29.4353	602.4917	467.7759	464.8958	122.5994	3.032
1557	29.4523	652.5209	468.4911	465.4167	122.5994	3.03029
1558	29.4693	665.5948	469.2266	465.9375	122.5994	3.02858
1559	29.4863	652.1388	469.985	466.4583	122.5994	3.02688
1560	29.5033	648.8932	470.7698	466.9792	122.5994	3.02517
1561	29.5203	675.1744	471.5851	467.5	122.5994	3.02347
1562	29.5373	677.2791	472.0712	467.6563	122.5994	3.02177
1563	29.5543	658.3124	472.599	467.8125	122.5994	3.02007
1564	29.5713	628.0797	473.1764	467.9688	122.5994	3.01837
1565	29.5883	595.8291	473.8142	468.125	122.5994	3.01667
1566	29.6053	592.1921	474.5276	468.2813	122.5994	3.01498

1567	29.6223	598.7672	475.3383	468.4375	122.5994	3.01329
1568	29.6393	549.2441	476.2791	468.5938	122.5994	3.0116
1569	29.6563	539.2547	477.3992	468.75	122.5994	3.00991
1570	29.6733	525.4029	478.7714	468.9063	122.5994	3.00822
1571	29.6903	563.6241	480.5011	469.0625	122.5994	3.00654
1572	29.7073	549.4547	482.7348	469.2188	122.5994	3.00486
1573	29.7243	535.2572	486.1517	469.375	122.5994	3.00318
1574	29.7413	549.3731	490.0974	469.5313	122.5994	3.0015
1575	29.7583	532.1105	495.2396	469.6875	122.5994	2.99983
1576	29.7753	533.1045	501.9037	469.8438	122.5994	2.99815
1577	29.7923	516.8947	510.3645	470	122.5994	2.99648
1578	29.8093	511.0815	521.0913	470.1563	122.5994	2.99481
1579	29.8263	523.7737	533.9131	470.3125	122.5994	2.99314
1580	29.8433	584.0713	548.4133	470.4688	122.5994	2.99147
1581	29.8603	655.0749	564.3896	470.625	122.5994	2.98981
1582	29.8773	601.0521	580.944	470.7813	122.5994	2.98815
1583	29.8943	650.2622	596.8011	470.9375	122.5994	2.98649
1584	29.9113	650.2622	609.9073	471.0938	122.5994	2.98483
1585	29.9283	648.6066	618.6758	471.25	122.5994	2.98317
1586	29.9453	628.4749	622.2219	471.4063	122.5994	2.98152
1587	29.9623	618.1794	620.7779	471.5625	122.5994	2.97986
1588	29.9793	637.0911	615.2388	471.7188	122.5994	2.97821
1589	29.9963	615.0674	606.6276	471.875	122.5994	2.97656
1590	30.0133	584.1519	596.0966	472.0313	122.5994	2.97492
1591	30.0303	560.9858	585.2792	472.1875	122.5994	2.97327
1592	30.0473	572.6847	576.3505	472.3438	122.5994	2.97163
1593	30.0643	549.9166	571.5233	472.5	122.5994	2.96999
1594	30.0813	511.5146	572.5606	472.6563	122.5994	2.96835
1595	30.0983	499.1209	578.2853	472.8125	122.5994	2.96671
1596	30.1153	495.6898	585.9293	472.9688	122.5994	2.96507
1597	30.1323	507.9164	588.5442	473.125	122.5994	2.96344
1598	30.1493	497.4786	584.3449	473.2813	122.5994	2.96181
1599	30.1663	478.194	578.528	473.4375	122.5994	2.96018
1600	30.1833	518.0887	576.0125	473.5938	122.5994	2.95855
1601	30.2003	511.718	575.2917	473.75	122.5994	2.95692
1602	30.2173	498.4218	570.0079	473.9063	122.5994	2.9553
1603	30.2343	498.2169	558.0809	474.0625	122.5994	2.95367
1604	30.2513	492.7224	543.9308	474.2188	122.5994	2.95205
1605	30.2683	494.9321	532.0892	474.375	122.5994	2.95043
1606	30.2853	500.2885	523.2795	474.5313	122.5994	2.94881
1607	30.3023	491.0521	515.9596	474.6875	122.5994	2.9472
1608	30.3193	519.6562	509.1361	474.8438	122.5994	2.94558
1609	30.3363	527.4419	503.4513	475	122.5994	2.94397
1610	30.3533	519.2286	499.2953	474.7917	122.5994	2.94236
1611	30.3703	498.5069	497.4187	474.5833	122.5994	2.94075
1612	30.3873	484.009	498.3544	474.375	122.5994	2.93915
1613	30.4043	502.2629	502.8078	474.1667	122.5994	2.93754
1614	30.4213	510.7695	511.6088	473.9583	122.5994	2.93594
1615	30.4383	510.7695	525.1691	473.75	122.5994	2.93434

1616	30.4553	507.3924	542.4742	473.5417	122.5994	2.93274
1617	30.4723	516.7284	559.7303	473.3333	122.5994	2.93114
1618	30.4893	516.2467	571.8221	473.125	122.5994	2.92955
1619	30.5063	549.1307	577.0831	472.9167	122.5994	2.92795
1620	30.5233	560.9192	575.561	472.7083	122.5994	2.92636
1621	30.5403	525.8615	568.1272	472.5	122.5994	2.92477
1622	30.5573	511.8783	557.7052	472.2917	122.5994	2.92318
1623	30.5743	486.7006	546.3687	472.0833	122.5994	2.9216
1624	30.5913	517.0167	535.1497	471.875	122.5994	2.92001
1625	30.6083	519.7901	523.9122	471.6667	122.5994	2.91843
1626	30.6253	489.5534	513.4913	471.4583	122.5994	2.91685
1627	30.6423	488.4191	506.1729	471.25	122.5994	2.91527
1628	30.6593	505.8311	500.367	471.0417	122.5994	2.91369
1629	30.6763	445.0981	495.7433	470.8333	122.5994	2.91211
1630	30.6933	440.9577	491.7966	470.625	122.5994	2.91054
1631	30.7103	442.5278	488.797	470.4167	122.5994	2.90897
1632	30.7273	463.8739	486.2261	470.2083	122.5994	2.9074
1633	30.7443	480.6272	484.5282	470	122.5994	2.90583
1634	30.7613	484.8584	482.4197	469.5833	122.5994	2.90426
1635	30.7783	464.9954	480.1752	469.1667	122.5994	2.9027
1636	30.7953	481.9331	477.1538	468.75	122.5994	2.90113
1637	30.8123	491.9605	475.4417	468.3333	122.5994	2.89957
1638	30.8293	494.3902	474.0808	467.9167	122.5994	2.89801
1639	30.8463	516.4083	473.0156	467.5	122.5994	2.89645
1640	30.8633	523.5016	472.1545	467.0833	122.5994	2.89489
1641	30.8803	538.9649	471.4237	466.6667	122.5994	2.89334
1642	30.8973	563.9812	470.456	466.25	122.5994	2.89179
1643	30.9143	618.6935	469.9506	465.8333	122.5994	2.89023
1644	30.9313	654.6015	469.1816	465.4167	122.5994	2.88868
1645	30.9483	639.7176	468.8581	465	122.5994	2.88714
1646	30.9653	697.9412	468.418	464.5833	122.5994	2.88559
1647	30.9823	734.9135	468.2257	464.1667	122.5994	2.88405
1648	30.9993	743.5388	468.0895	463.75	122.5994	2.8825
1649	31.0163	722.1051	467.8495	463.3333	122.5994	2.88096
1650	31.0333	672.7398	467.8621	462.9167	122.5994	2.87942
1651	31.0503	650.4089	467.965	462.5	122.5994	2.87788
1652	31.0673	626.3191	468.1884	462.0833	122.5994	2.87635
1653	31.0843	574.807	468.5234	461.6667	122.5994	2.87481
1654	31.1013	564.3912	469.2273	461.25	122.5994	2.87328
1655	31.1183	507.6674	470.4781	460.8333	122.5994	2.87175
1656	31.1353	479.8846	473.3792	460.4167	122.5994	2.87022
1657	31.1523	496.8424	477.3575	460	122.5994	2.86869
1658	31.1693	487.3167	483.4646	459.2917	122.5994	2.86717
1659	31.1863	482.5779	492.4265	458.5833	122.5994	2.86564
1660	31.2033	502.6223	503.5475	457.875	122.5994	2.86412
1661	31.2203	497.8627	514.5805	457.1667	122.5994	2.8626
1662	31.2373	509.429	520.7308	456.4583	122.5994	2.86108
1663	31.2543	522.2313	521.0656	455.75	122.5994	2.85956
1664	31.2713	524.4198	519.6464	455.0417	122.5994	2.85805

1665	31.2883	554.3602	520.1583	454.3333	122.5994	2.85653
1666	31.3053	546.1969	522.8056	453.625	122.5994	2.85502
1667	31.3223	579.0078	525.6686	452.9167	122.5994	2.85351
1668	31.3393	556.6813	528.2582	452.2083	122.5994	2.852
1669	31.3563	560.6539	531.9573	451.5	122.5994	2.85049
1670	31.3733	548.8325	537.5815	450.7917	122.5994	2.84899
1671	31.3903	530.2683	544.7462	450.0833	122.5994	2.84748
1672	31.4073	546.7116	552.2297	449.375	122.5994	2.84598
1673	31.4243	542.9534	558.5229	448.6667	122.5994	2.84448
1674	31.4413	479.8284	562.4673	447.9583	122.5994	2.84298
1675	31.4583	457.8906	563.4962	447.25	122.5994	2.84148
1676	31.4753	453.6985	561.1913	446.5417	122.5994	2.83999
1677	31.4923	454.4878	555.0052	445.8333	122.5994	2.83849
1678	31.5093	467.9585	545.3752	445.125	122.5994	2.837
1679	31.5263	484.009	533.9308	444.4167	122.5994	2.83551
1680	31.5433	480.1954	522.0924	443.7083	122.5994	2.83402
1681	31.5603	447.5684	510.4791	443	122.5994	2.83253
1682	31.5773	415.5684	499.2227	442.2917	122.5994	2.83105
1683	31.5943	442.4284	488.7542	441.5833	122.5994	2.82956
1684	31.6113	486.769	479.6915	440.875	122.5994	2.82808
1685	31.6283	499.3904	472.3343	440.1667	122.5994	2.8266
1686	31.6453	498.3545	466.3336	439.4583	122.5994	2.82512
1687	31.6623	485.0685	462.2112	438.75	122.5994	2.82364
1688	31.6793	525.9461	459.4293	438.0417	122.5994	2.82216
1689	31.6963	569.3531	457.8689	437.3333	122.5994	2.82069
1690	31.7133	595.6075	457.4852	436.625	122.5994	2.81922
1691	31.7303	640.9324	458.1736	435.9167	122.5994	2.81774
1692	31.7473	684.4444	460.342	435.2083	122.5994	2.81627
1693	31.7643	674.9084	463.8254	434.5	122.5994	2.81481
1694	31.7813	652.5837	468.4665	433.7917	122.5994	2.81334
1695	31.7983	621.6472	473.9778	433.0833	122.5994	2.81187
1696	31.8153	584.7338	480.4256	432.375	122.5994	2.81041
1697	31.8323	554.6902	488.1614	431.6667	122.5994	2.80895
1698	31.8493	549.9767	497.2412	430.9583	122.5994	2.80749
1699	31.8663	547.2561	507.1292	430.25	122.5994	2.80603
1700	31.8833	525.0302	516.8169	429.5417	122.5994	2.80457
1701	31.9003	487.7361	525.1351	428.8333	122.5994	2.80311
1702	31.9173	476.1242	530.9539	428.125	122.5994	2.80166
1703	31.9343	445.2721	533.4516	427.4167	122.5994	2.80021
1704	31.9513	445.946	532.4958	426.7083	122.5994	2.79876
1705	31.9683	475.2523	528.563	426	122.5994	2.79731
1706	31.9853	463.2384	521.9784	425	122.5994	2.79586
1707	32.0023	465.8016	513.497	424	122.5994	2.79441
1708	32.0193	467.799	503.5311	423	122.5994	2.79297
1709	32.0363	463.2838	492.6152	422	122.5994	2.79152
1710	32.0533	479.0898	481.5375	421	122.5994	2.79008
1711	32.0703	480.473	471.0741	420	122.5994	2.78864
1712	32.0873	483.1386	461.7448	419	122.5994	2.7872
1713	32.1043	487.7509	453.5603	418	122.5994	2.78577

1714	32.1213	454.9533	446.4435	417	122.5994	2.78433
1715	32.1383	468.3539	440.3053	416	122.5994	2.7829
1716	32.1553	455.3581	435.0592	415	122.5994	2.78147
1717	32.1723	426.707	430.8212	414	122.5994	2.78003
1718	32.1893	472.3227	427.1495	413	122.5994	2.7786
1719	32.2063	446.219	424.0623	412	122.5994	2.77718
1720	32.2233	449.4424	420.8135	411	122.5994	2.77575
1721	32.2403	429.1396	418.498	410	122.5994	2.77433
1722	32.2573	500.4195	416.5164	409	122.5994	2.7729
1723	32.2743	456.839	414.6959	408	122.5994	2.77148
1724	32.2913	434.7802	413.0809	407	122.5994	2.77006
1725	32.3083	406.4969	411.3152	406	122.5994	2.76864
1726	32.3253	394.8817	410.048	405	122.5994	2.76722
1727	32.3423	418.379	408.9343	404	122.5994	2.76581
1728	32.3593	429.436	407.9854	403	122.5994	2.76439
1729	32.3763	407.7272	407.2203	402	122.5994	2.76298
1730	32.3933	382.5926	406.4875	400.8333	122.5994	2.76157
1731	32.4103	366.2176	405.9478	399.6667	122.5994	2.76016
1732	32.4273	389.9649	405.6049	398.5	122.5994	2.75875
1733	32.4443	407.0213	405.5702	397.3333	122.5994	2.75735
1734	32.4613	394.903	405.9688	396.1667	122.5994	2.75594
1735	32.4783	383.4434	406.7227	395	122.5994	2.75454
1736	32.4953	402.8021	407.5737	393.8333	122.5994	2.75313
1737	32.5123	396.2181	408.643	392.6667	122.5994	2.75173
1738	32.5293	387.9851	410.5779	391.5	122.5994	2.75033
1739	32.5463	365.5069	413.5156	390.3333	122.5994	2.74894
1740	32.5633	387.3607	416.26	389.1667	122.5994	2.74754
1741	32.5803	394.1146	416.4757	388	122.5994	2.74615
1742	32.5973	383.5327	413.3044	386.8333	122.5994	2.74475
1743	32.6143	390.1907	408.7397	385.6667	122.5994	2.74336
1744	32.6313	382.1547	404.7174	384.5	122.5994	2.74197
1745	32.6483	362.4226	401.4956	383.3333	122.5994	2.74058
1746	32.6653	355.8304	398.0805	382.1667	122.5994	2.73919
1747	32.6823	356.7575	393.9056	381	122.5994	2.73781
1748	32.6993	378.478	389.5608	379.8333	122.5994	2.73642
1749	32.7163	379.266	385.1129	378.6667	122.5994	2.73504
1750	32.7333	373.5684	381.9966	377.5	122.5994	2.73366
1751	32.7503	361.3469	379.5323	376.3333	122.5994	2.73228
1752	32.7673	366.3477	377.5664	375.1667	122.5994	2.7309
1753	32.7843	386.0712	375.915	374	122.5994	2.72952
1754	32.8013	375.2026	375.4518	374.1458	122.5994	2.72815
1755	32.8183	368.6891	375.4029	374.2917	122.5994	2.72677
1756	32.8353	357.0373	375.3959	374.4375	122.5994	2.7254
1757	32.8523	350.5521	375.4337	374.5833	122.5994	2.72403
1758	32.8693	361.8141	375.4992	374.7292	122.5994	2.72266
1759	32.8863	368.0212	375.5895	374.875	122.5994	2.72129
1760	32.9033	371.8662	375.6644	375.0208	122.5994	2.71992
1761	32.9203	403.3319	375.8034	375.1667	122.5994	2.71856
1762	32.9373	386.836	375.9727	375.3125	122.5994	2.71719

1763	32.9543	435.9407	376.1679	375.4583	122.5994	2.71583
1764	32.9713	373.5261	376.3896	375.6042	122.5994	2.71447
1765	32.9883	383.4217	376.4778	375.75	122.5994	2.71311
1766	33.0053	399.585	376.8166	375.8958	122.5994	2.71175
1767	33.0223	384.2485	377.2154	376.0417	122.5994	2.71039
1768	33.0393	424.7382	377.6124	376.1875	122.5994	2.70904
1769	33.0563	438.8015	377.8833	376.3333	122.5994	2.70768
1770	33.0733	389.6394	377.8846	376.4792	122.5994	2.70633
1771	33.0903	413.773	377.8694	376.625	122.5994	2.70498
1772	33.1073	426.6755	377.8729	376.7708	122.5994	2.70363
1773	33.1243	377.3999	377.9243	376.9167	122.5994	2.70228
1774	33.1413	388.2655	377.9744	377.0625	122.5994	2.70093
1775	33.1583	402.1767	377.9771	377.2083	122.5994	2.69958
1776	33.1753	363.8556	377.9574	377.3542	122.5994	2.69824
1777	33.1923	408.0009	377.9597	377.5	122.5994	2.6969
1778	33.2093	407.1496	378.0061	377.6458	122.5994	2.69556
1779	33.2263	411.2969	378.1085	377.7917	122.5994	2.69422
1780	33.2433	417.0787	378.2509	377.9375	122.5994	2.69288
1781	33.2603	379.8305	378.436	378.0833	122.5994	2.69154
1782	33.2773	389.4081	378.6578	378.2292	122.5994	2.6902
1783	33.2943	385.3161	378.9033	378.375	122.5994	2.68887
1784	33.3113	366.901	379.1482	378.5208	122.5994	2.68753
1785	33.3283	361.6591	379.3506	378.6667	122.5994	2.6862
1786	33.3453	370.1697	379.5138	378.8125	122.5994	2.68487
1787	33.3623	370.8913	379.6782	378.9583	122.5994	2.68354
1788	33.3793	379.1246	379.8723	379.1042	122.5994	2.68221
1789	33.3963	388.379	380.0992	379.25	122.5994	2.68089
1790	33.4133	380.2805	380.3404	379.3958	122.5994	2.67956
1791	33.4303	364.5416	380.5893	379.5417	122.5994	2.67824
1792	33.4473	378.4299	380.8584	379.6875	122.5994	2.67692
1793	33.4643	397.7387	381.1461	379.8333	122.5994	2.6756
1794	33.4813	407.7252	381.466	379.9792	122.5994	2.67428
1795	33.4983	399.2724	381.7879	380.125	122.5994	2.67296
1796	33.5153	371.213	382.0818	380.2708	122.5994	2.67164
1797	33.5323	381.0153	382.3166	380.4167	122.5994	2.67033
1798	33.5493	405.3295	382.7155	380.5625	122.5994	2.66901
1799	33.5663	392.9754	382.8924	380.7083	122.5994	2.6677
1800	33.5833	365.049	383.1013	380.8542	122.5994	2.66639
1801	33.6003	368.403	383.3458	381	122.5994	2.66508
1802	33.6173	396.1205	384.437	382.0133	122.5994	2.66377
1803	33.6343	394.7274	385.5256	383.0267	122.5994	2.66246
1804	33.6513	388.9563	386.3669	384.04	122.5994	2.66115
1805	33.6683	394.5101	387.1614	385.0534	122.5994	2.65985
1806	33.6853	376.3772	388.1022	386.0667	122.5994	2.65855
1807	33.7023	392.6437	389.0328	387.0801	122.5994	2.65724
1808	33.7193	385.5462	390.003	388.0934	122.5994	2.65594
1809	33.7363	391.3147	390.9737	389.1068	122.5994	2.65464
1810	33.7533	406.7685	391.9702	390.1201	122.5994	2.65335
1811	33.7703	385.539	393.0773	391.1335	122.5994	2.65205

1812	33.7873	422.9544	394.3188	392.1468	122.5994	2.65075
1813	33.8043	420.3575	395.6098	393.1602	122.5994	2.64946
1814	33.8213	423.9255	397.247	394.1735	122.5994	2.64817
1815	33.8383	381.2742	399.071	395.1868	122.5994	2.64687
1816	33.8553	412.2621	401.5118	396.2002	122.5994	2.64558
1817	33.8723	416.5167	405.0135	397.2135	122.5994	2.6443
1818	33.8893	417.9053	410.0512	398.2269	122.5994	2.64301
1819	33.9063	396.4368	416.9475	399.2402	122.5994	2.64172
1820	33.9233	401.7234	425.1849	400.2536	122.5994	2.64044
1821	33.9403	420.0538	432.9588	401.2669	122.5994	2.63915
1822	33.9573	461.5342	437.3576	402.2803	122.5994	2.63787
1823	33.9743	450.275	437.1556	403.2936	122.5994	2.63659
1824	33.9913	408.7311	435.0474	404.307	122.5994	2.63531
1825	34.0083	388.4569	434.0213	405.3203	122.5994	2.63403
1826	34.0253	450.5321	434.5626	405.9854	122.5994	2.63275
1827	34.0423	431.4202	435.6847	406.6504	122.5994	2.63148
1828	34.0593	393.7812	435.8455	407.3154	122.5994	2.6302
1829	34.0763	434.0814	434.7348	407.9805	122.5994	2.62893
1830	34.0933	439.7355	432.4978	408.6455	122.5994	2.62766
1831	34.1103	442.1201	429.2344	409.3105	122.5994	2.62639
1832	34.1273	438.4287	426.4256	409.9756	122.5994	2.62512
1833	34.1443	442.7164	424.812	410.6406	122.5994	2.62385
1834	34.1613	439.7461	424.1483	411.3057	122.5994	2.62258
1835	34.1783	413.8893	423.7191	411.9707	122.5994	2.62132
1836	34.1953	405.7026	422.7806	412.6357	122.5994	2.62005
1837	34.2123	428.5541	421.7218	413.3008	122.5994	2.61879
1838	34.2293	430.228	420.9291	413.9658	122.5994	2.61753
1839	34.2463	428.9454	420.5844	414.6309	122.5994	2.61627
1840	34.2633	454.3389	420.7174	415.2959	122.5994	2.61501
1841	34.2803	448.3843	421.2939	415.9609	122.5994	2.61375
1842	34.2973	450.7034	422.309	416.626	122.5994	2.61249
1843	34.3143	451.5237	423.852	417.291	122.5994	2.61124
1844	34.3313	470.556	426.6443	417.9561	122.5994	2.60998
1845	34.3483	472.1652	430.0742	418.6211	122.5994	2.60873
1846	34.3653	451.7287	434.2413	419.2861	122.5994	2.60748
1847	34.3823	482.6132	438.831	419.9512	122.5994	2.60623
1848	34.3993	487.513	442.4249	420.6162	122.5994	2.60498
1849	34.4163	507.799	444.1803	421.2813	122.5994	2.60373
1850	34.4333	501.1376	444.7325	421.9463	122.5994	2.60249
1851	34.4503	465.6899	445.054	422.6113	122.5994	2.60124
1852	34.4673	516.6354	446.2857	423.2764	122.5994	2.6
1853	34.4843	505.9651	448.4564	423.9414	122.5994	2.59875
1854	34.5013	517.4349	450.5703	424.6064	122.5994	2.59751
1855	34.5183	544.6158	452.5494	425.2715	122.5994	2.59627
1856	34.5353	509.8035	454.7563	425.9365	122.5994	2.59503
1857	34.5523	493.6748	457.5435	426.6016	122.5994	2.5938
1858	34.5693	518.7117	460.7401	427.2666	122.5994	2.59256
1859	34.5863	542.3145	464.0127	427.9316	122.5994	2.59132
1860	34.6033	492.9701	467.0632	428.5967	122.5994	2.59009

1861	34.6203	528.8567	469.5887	429.2617	122.5994	2.58886
1862	34.6373	524.8647	471.5599	429.9268	122.5994	2.58762
1863	34.6543	534.441	473.0771	430.5918	122.5994	2.58639
1864	34.6713	544.509	474.2204	431.2568	122.5994	2.58516
1865	34.6883	516.1254	474.9911	431.9219	122.5994	2.58394
1866	34.7053	554.0962	475.3805	432.5869	122.5994	2.58271
1867	34.7223	505.781	475.4845	433.252	122.5994	2.58148
1868	34.7393	535.3441	475.5446	433.917	122.5994	2.58026
1869	34.7563	558.4268	475.8601	434.582	122.5994	2.57904
1870	34.7733	525.3414	476.6703	435.2471	122.5994	2.57781
1871	34.7903	535.6557	478.0898	435.9121	122.5994	2.57659
1872	34.8073	563.0346	480.1228	436.5771	122.5994	2.57537
1873	34.8243	569.0278	482.6011	437.2422	122.5994	2.57416
1874	34.8413	538.1884	485.2971	437.5589	122.5994	2.57294
1875	34.8583	535.2183	488.3361	437.8757	122.5994	2.57172
1876	34.8753	538.6631	491.9919	438.1924	122.5994	2.57051
1877	34.8923	560.3621	495.7966	438.5091	122.5994	2.56929
1878	34.9093	581.4673	500.3256	438.8258	122.5994	2.56808
1879	34.9263	595.1776	505.9774	439.1426	122.5994	2.56687
1880	34.9433	582.8263	512.549	439.4593	122.5994	2.56566
1881	34.9603	596.7362	519.9578	439.776	122.5994	2.56445
1882	34.9773	636.2545	528.8854	440.0928	122.5994	2.56325
1883	34.9943	670.8436	539.725	440.4095	122.5994	2.56204
1884	35.0113	649.6635	550.0035	440.7262	122.5994	2.56083
1885	35.0283	630.4726	555.7151	441.043	122.5994	2.55963
1886	35.0453	621.052	556.8784	441.3597	122.5994	2.55843
1887	35.0623	621.5775	557.6104	441.6764	122.5994	2.55723
1888	35.0793	645.3362	560.695	441.9932	122.5994	2.55603
1889	35.0963	624.038	565.528	442.3099	122.5994	2.55483
1890	35.1133	595.7882	569.2394	442.6266	122.5994	2.55363
1891	35.1303	606.7778	570.2855	442.9434	122.5994	2.55243
1892	35.1473	571.8329	570.1987	443.2601	122.5994	2.55124
1893	35.1643	559.015	570.8302	443.5768	122.5994	2.55004
1894	35.1813	593.3802	572.2096	443.8936	122.5994	2.54885
1895	35.1983	590.5636	571.7548	444.2103	122.5994	2.54766
1896	35.2153	510.3937	565.6676	444.527	122.5994	2.54647
1897	35.2323	513.4611	554.3973	444.8438	122.5994	2.54528
1898	35.2493	505.0298	540.5046	444.7253	122.5994	2.54409
1899	35.2663	443.8023	528.6149	444.6068	122.5994	2.5429
1900	35.2833	484.4373	519.52	444.4883	122.5994	2.54171
1901	35.3003	528.7063	511.7419	444.3698	122.5994	2.54053
1902	35.3173	521.2533	504.0592	444.2513	122.5994	2.53934
1903	35.3343	454.7439	497.5889	444.1328	122.5994	2.53816
1904	35.3513	469.6751	492.8381	444.0143	122.5994	2.53698
1905	35.3683	446.1197	490.3152	443.8958	122.5994	2.5358
1906	35.3853	445.1673	489.9568	443.7773	122.5994	2.53462
1907	35.4023	483.5238	490.4777	443.6589	122.5994	2.53344
1908	35.4193	442.5591	489.7098	443.5404	122.5994	2.53226
1909	35.4363	485.8473	486.3069	443.4219	122.5994	2.53109

1910	35.4533	439.7183	481.7279	443.3034	122.5994	2.52991
1911	35.4703	422.8476	477.833	443.1849	122.5994	2.52874
1912	35.4873	415.9006	475.2174	443.0664	122.5994	2.52757
1913	35.5043	474.6978	473.1977	442.9479	122.5994	2.5264
1914	35.5213	468.7679	470.7949	442.8294	122.5994	2.52523
1915	35.5383	463.5713	468.1512	442.7109	122.5994	2.52406
1916	35.5553	482.1606	466.1046	442.5924	122.5994	2.52289
1917	35.5723	459.8521	465.1087	442.474	122.5994	2.52172
1918	35.5893	465.5586	465.21	442.3555	122.5994	2.52056
1919	35.6063	449.845	466.158	442.237	122.5994	2.51939
1920	35.6233	419.7891	467.7075	442.1185	122.5994	2.51823
1921	35.6403	434.9697	469.503	442	122.5994	2.51707
1922	35.6573	459.4337	471.701	442.2734	122.5994	2.51591
1923	35.6743	465.9934	473.6631	442.5469	122.5994	2.51475
1924	35.6913	448.9423	475.5774	442.8203	122.5994	2.51359
1925	35.7083	448.8955	477.0736	443.0938	122.5994	2.51243
1926	35.7253	440.7914	477.5796	443.3672	122.5994	2.51127
1927	35.7423	456.1403	476.7179	443.6406	122.5994	2.51012
1928	35.7593	449.7297	474.882	443.9141	122.5994	2.50896
1929	35.7763	429.1602	473.4012	444.1875	122.5994	2.50781
1930	35.7933	435.3073	472.574	444.4609	122.5994	2.50666
1931	35.8103	469.3121	472.4621	444.7344	122.5994	2.50551
1932	35.8273	453.9332	472.9441	445.0078	122.5994	2.50436
1933	35.8443	423.214	474.2994	445.2813	122.5994	2.50321
1934	35.8613	438.2953	477.2538	445.5547	122.5994	2.50206
1935	35.8783	445.9776	482.5114	445.8281	122.5994	2.50091
1936	35.8953	438.3015	490.5237	446.1016	122.5994	2.49977
1937	35.9123	445.1483	500.9654	446.375	122.5994	2.49862
1938	35.9293	424.1107	513.4681	446.6484	122.5994	2.49748
1939	35.9463	456.2651	526.2626	446.9219	122.5994	2.49634
1940	35.9633	453.5705	537.084	447.1953	122.5994	2.4952
1941	35.9803	460.9982	545.2772	447.4688	122.5994	2.49406
1942	35.9973	447.1162	551.1484	447.7422	122.5994	2.49292
1943	36.0143	471.2498	554.7314	448.0156	122.5994	2.49178
1944	36.0313	483.2132	556.2403	448.2891	122.5994	2.49064
1945	36.0483	494.9529	554.6183	448.5625	122.5994	2.48951
1946	36.0653	508.6791	549.5441	448.4375	122.5994	2.48837
1947	36.0823	530.7237	542.1481	448.3125	122.5994	2.48724
1948	36.0993	521.2742	538.8254	448.1875	122.5994	2.48611
1949	36.1163	487.1596	529.8798	448.0625	122.5994	2.48498
1950	36.1333	463.613	520.7897	447.9375	122.5994	2.48385
1951	36.1503	470.5788	512.2726	447.8125	122.5994	2.48272
1952	36.1673	470.8448	504.5575	447.6875	122.5994	2.48159
1953	36.1843	408.0145	497.7563	447.5625	122.5994	2.48046
1954	36.2013	412.1369	491.7834	447.4375	122.5994	2.47934
1955	36.2183	415.8672	486.5523	447.3125	122.5994	2.47821
1956	36.2353	407.4838	482.3574	447.1875	122.5994	2.47709
1957	36.2523	401.6977	479.408	447.0625	122.5994	2.47597
1958	36.2693	424.3553	477.7044	446.9375	122.5994	2.47485

1959	36.2863	450.9673	477.0572	446.8125	122.5994	2.47372
1960	36.3033	399.9039	477.2743	446.6875	122.5994	2.47261
1961	36.3203	383.8673	478.3697	446.5625	122.5994	2.47149
1962	36.3373	416.3872	480.4998	446.4375	122.5994	2.47037
1963	36.3543	400.8235	483.8264	446.3125	122.5994	2.46925
1964	36.3713	413.7093	488.4706	446.1875	122.5994	2.46814
1965	36.3883	456.4154	494.5221	446.0625	122.5994	2.46702
1966	36.4053	483.4675	502.1137	445.9375	122.5994	2.46591
1967	36.4223	464.4946	511.8018	445.8125	122.5994	2.4648
1968	36.4393	472.1009	525.1994	445.6875	122.5994	2.46369
1969	36.4563	523.0617	545.459	445.5625	122.5994	2.46258
1970	36.4733	546.1311	578.843	445.4375	122.5994	2.46147
1971	36.4903	581.5522	634.7245	445.3125	122.5994	2.46036
1972	36.5073	610.8373	724.429	445.1875	122.5994	2.45926
1973	36.5243	669.0448	853.6522	445.0625	122.5994	2.45815
1974	36.5413	808.2457	1011.356	444.9375	122.5994	2.45705
1975	36.5583	974.5168	1156.918	444.8125	122.5994	2.45594
1976	36.5753	1119.85	1219.992	444.6875	122.5994	2.45484
1977	36.5923	1330.911	1171.845	444.5625	122.5994	2.45374
1978	36.6093	1341.565	1073.931	444.4375	122.5994	2.45264
1979	36.6263	1153.62	994.1528	444.3125	122.5994	2.45154
1980	36.6433	970.8823	953.0325	444.1875	122.5994	2.45044
1981	36.6603	875.1168	926.6044	444.0625	122.5994	2.44934
1982	36.6773	899.37	873.7317	443.9375	122.5994	2.44825
1983	36.6943	939.8654	789.2864	443.8125	122.5994	2.44715
1984	36.7113	912.3375	701.4043	443.6875	122.5994	2.44606
1985	36.7283	740.3066	630.7952	443.5625	122.5994	2.44496
1986	36.7453	600.1933	583.1112	443.4375	122.5994	2.44387
1987	36.7623	547.0436	554.1779	443.3125	122.5994	2.44278
1988	36.7793	497.3597	535.35	443.1875	122.5994	2.44169
1989	36.7963	497.8177	520.6406	443.0625	122.5994	2.4406
1990	36.8133	477.1452	508.6455	442.9375	122.5994	2.43951
1991	36.8303	485.2747	500.8877	442.8125	122.5994	2.43843
1992	36.8473	473.666	496.2199	442.6875	122.5994	2.43734
1993	36.8643	474.6961	492.842	442.5625	122.5994	2.43626
1994	36.8813	467.5391	488.4768	442.0391	122.5994	2.43517
1995	36.8983	458.7463	483.585	441.5156	122.5994	2.43409
1996	36.9153	450.1399	479.1213	440.9922	122.5994	2.43301
1997	36.9323	406.4001	476.2417	440.4688	122.5994	2.43193
1998	36.9493	464.6179	474.3476	439.9453	122.5994	2.43085
1999	36.9663	449.5748	472.2844	439.4219	122.5994	2.42977
2000	36.9833	452.9811	469.0981	438.8984	122.5994	2.42869
2001	37.0003	386.1064	465.2754	438.375	122.5994	2.42761
2002	37.0173	444.5889	461.8281	437.8516	122.5994	2.42654
2003	37.0343	431.9729	459.189	437.3281	122.5994	2.42546
2004	37.0513	428.9395	457.1108	436.8047	122.5994	2.42439
2005	37.0683	464.3525	455.3117	436.2813	122.5994	2.42331
2006	37.0853	416.1201	452.769	435.7578	122.5994	2.42224
2007	37.1023	417.5414	450.1912	435.2344	122.5994	2.42117

2008	37.1193	424.3193	447.9942	434.7109	122.5994	2.4201
2009	37.1363	424.4166	446.8049	434.1875	122.5994	2.41903
2010	37.1533	417.9069	445.7976	433.6641	122.5994	2.41797
2011	37.1703	405.141	445.3354	433.1406	122.5994	2.4169
2012	37.1873	422.7357	445.3652	432.6172	122.5994	2.41583
2013	37.2043	411.5028	445.8841	432.0938	122.5994	2.41477
2014	37.2213	444.2529	446.9505	431.5703	122.5994	2.4137
2015	37.2383	419.0484	448.756	431.0469	122.5994	2.41264
2016	37.2553	405.0464	451.1618	430.5234	122.5994	2.41158
2017	37.2723	437.9446	454.6078	430	122.5994	2.41052
2018	37.2893	445.2636	458.6005	429.0833	122.5994	2.40946
2019	37.3063	432.6977	463.2239	428.1667	122.5994	2.4084
2020	37.3233	428.9445	467.6487	427.25	122.5994	2.40734
2021	37.3403	424.4166	467.9843	426.3333	122.5994	2.40628
2022	37.3573	440.5943	469.5518	425.4167	122.5994	2.40523
2023	37.3743	426.6728	471.0657	424.5	122.5994	2.40417
2024	37.3913	426.3951	474.4024	423.5833	122.5994	2.40312
2025	37.4083	446.6814	480.493	422.6667	122.5994	2.40207
2026	37.4253	458.1115	488.5743	421.75	122.5994	2.40101
2027	37.4423	450.6717	495.7353	420.8333	122.5994	2.39996
2028	37.4593	442.0223	497.5556	419.9167	122.5994	2.39891
2029	37.4763	455.9878	491.4186	419	122.5994	2.39786
2030	37.4933	453.7968	480.8485	418.0833	122.5994	2.39682
2031	37.5103	449.4999	470.896	417.1667	122.5994	2.39577
2032	37.5273	449.3969	464.1827	416.25	122.5994	2.39472
2033	37.5443	440.3918	459.9436	415.3333	122.5994	2.39368
2034	37.5613	430.59	455.454	414.4167	122.5994	2.39263
2035	37.5783	470.9687	449.1252	413.5	122.5994	2.39159
2036	37.5953	446.8794	442.3532	412.5833	122.5994	2.39055
2037	37.6123	467.7833	436.9206	411.6667	122.5994	2.38951
2038	37.6293	457.4447	433.3468	410.75	122.5994	2.38847
2039	37.6463	468.2686	431.1101	409.8333	122.5994	2.38743
2040	37.6633	459.6807	429.4472	408.9167	122.5994	2.38639
2041	37.6803	395.5085	427.7052	408	122.5994	2.38535
2042	37.6973	417.4668	425.871	407.0833	122.5994	2.38431
2043	37.7143	484.1219	424.4744	406.1667	122.5994	2.38328
2044	37.7313	434.953	424.0723	405.25	122.5994	2.38224
2045	37.7483	449.1505	424.6555	404.3333	122.5994	2.38121
2046	37.7653	497.3328	425.8343	403.4167	122.5994	2.38018
2047	37.7823	470.7482	426.7135	402.5	122.5994	2.37914
2048	37.7993	466.1392	426.725	401.5833	122.5994	2.37811
2049	37.8163	455.8243	426.0247	400.6667	122.5994	2.37708
2050	37.8333	422.5529	425.633	399.75	122.5994	2.37605
2051	37.8503	406.7187	426.1549	398.8333	122.5994	2.37503
2052	37.8673	427.9125	427.4789	397.9167	122.5994	2.374
2053	37.8843	424.4166	428.9063	397	122.5994	2.37297
2054	37.9013	429.3916	429.5516	396.0833	122.5994	2.37195
2055	37.9183	447.1471	429.1634	395.1667	122.5994	2.37092
2056	37.9353	422.9824	427.8635	394.25	122.5994	2.3699

2057	37.9523	427.7193	425.748	393.3333	122.5994	2.36888
2058	37.9693	412.1449	423.2652	392.4167	122.5994	2.36786
2059	37.9863	414.3394	420.5827	391.5	122.5994	2.36684
2060	38.0033	414.0958	417.7377	390.5833	122.5994	2.36582
2061	38.0203	394.928	414.726	389.6667	122.5994	2.3648
2062	38.0373	380.0971	411.6103	388.75	122.5994	2.36378
2063	38.0543	375.3848	408.5473	387.8333	122.5994	2.36276
2064	38.0713	381.7308	405.7431	386.9167	122.5994	2.36175
2065	38.0883	381.0155	403.4358	386	122.5994	2.36073
2066	38.1053	393.4829	402.3131	385.4167	122.5994	2.35972
2067	38.1223	403.417	402.5961	384.8333	122.5994	2.3587
2068	38.1393	373.4984	405.1612	384.25	122.5994	2.35769
2069	38.1563	355.3072	411.1515	383.6667	122.5994	2.35668
2070	38.1733	365.3429	421.5877	383.0833	122.5994	2.35567
2071	38.1903	382.6427	436.0962	382.5	122.5994	2.35466
2072	38.2073	381.4827	451.8862	381.9167	122.5994	2.35365
2073	38.2243	360.8946	462.7783	381.3333	122.5994	2.35264
2074	38.2413	361.0867	462.6257	380.75	122.5994	2.35164
2075	38.2583	368.6891	452.8781	380.1667	122.5994	2.35063
2076	38.2753	373.5937	442.0045	379.5833	122.5994	2.34963
2077	38.2923	371.254	434.6234	379	122.5994	2.34862
2078	38.3093	365.9645	431.1576	378.4167	122.5994	2.34762
2079	38.3263	340.9154	428.0573	377.8333	122.5994	2.34662
2080	38.3433	355.8705	421.466	377.25	122.5994	2.34562
2081	38.3603	367.6621	411.7179	376.6667	122.5994	2.34462
2082	38.3773	371.6747	401.7561	376.0833	122.5994	2.34362
2083	38.3943	381.7539	393.5786	375.5	122.5994	2.34262
2084	38.4113	362.0699	387.7594	374.9167	122.5994	2.34162
2085	38.4283	360.441	384.0637	374.3333	122.5994	2.34062
2086	38.4453	319.8694	381.9539	373.75	122.5994	2.33963
2087	38.4623	407.7796	380.9272	373.1667	122.5994	2.33863
2088	38.4793	384.0321	380.614	372.5833	122.5994	2.33764
2089	38.4963	383.9217	380.7031	372	122.5994	2.33664
2090	38.5133	347.9283	381.8307	372.3333	122.5994	2.33565
2091	38.5303	335.2008	382.8208	372.6667	122.5994	2.33466
2092	38.5473	364.5728	383.3082	373	122.5994	2.33367
2093	38.5643	346.6134	383.2193	373.3333	122.5994	2.33268
2094	38.5813	394.0443	382.9371	373.6667	122.5994	2.33169
2095	38.5983	339.8439	382.6836	374	122.5994	2.3307
2096	38.6153	358.4069	382.4738	374.3333	122.5994	2.32972
2097	38.6323	333.123	382.3098	374.6667	122.5994	2.32873
2098	38.6493	379.6389	382.0782	375	122.5994	2.32775
2099	38.6663	351.872	381.7706	375.3333	122.5994	2.32676
2100	38.6833	381.2845	381.5713	375.6667	122.5994	2.32578
2101	38.7003	350.1041	381.6209	376	122.5994	2.3248
2102	38.7173	368.6046	381.9106	376.3333	122.5994	2.32381
2103	38.7343	366.9529	383.0569	376.6667	122.5994	2.32283
2104	38.7513	359.0854	385.2367	377	122.5994	2.32185
2105	38.7683	359.6829	388.7185	377.3333	122.5994	2.32087

2106	38.7853	371.8427	393.4895	377.6667	122.5994	2.3199
2107	38.8023	359.8604	398.9181	378	122.5994	2.31892
2108	38.8193	346.0565	403.372	378.3333	122.5994	2.31794
2109	38.8363	330.4702	408.1906	378.6667	122.5994	2.31697
2110	38.8533	350.8207	408.7468	379	122.5994	2.31599
2111	38.8703	372.5016	408.6244	379.3333	122.5994	2.31502
2112	38.8873	371.2795	407.8847	379.6667	122.5994	2.31405
2113	38.9043	382.9611	406.6352	380	122.5994	2.31307
2114	38.9213	390.9721	405.008	380.25	122.5994	2.3121
2115	38.9383	362.8062	403.0014	380.5	122.5994	2.31113
2116	38.9553	378.4632	400.9232	380.75	122.5994	2.31016
2117	38.9723	377.8621	399.0547	381	122.5994	2.30919
2118	38.9893	358.1834	397.0047	381.25	122.5994	2.30823
2119	39.0063	345.484	395.1741	381.5	122.5994	2.30726
2120	39.0233	374.0971	393.7705	381.75	122.5994	2.30629
2121	39.0403	376.802	392.9973	382	122.5994	2.30533
2122	39.0573	369.7437	392.8498	382.25	122.5994	2.30436
2123	39.0743	369.9229	393.1128	382.5	122.5994	2.3034
2124	39.0913	360.9265	394.0506	382.75	122.5994	2.30244
2125	39.1083	387.1529	395.6246	383	122.5994	2.30148
2126	39.1253	358.267	398.2231	383.25	122.5994	2.30052
2127	39.1423	391.2194	402.5415	383.5	122.5994	2.29956
2128	39.1593	386.74	409.4918	383.75	122.5994	2.2986
2129	39.1763	362.175	419.7538	384	122.5994	2.29764
2130	39.1933	366.4126	433.028	384.25	122.5994	2.29668
2131	39.2103	356.0766	446.9952	384.5	122.5994	2.29572
2132	39.2273	389.6415	456.4883	384.75	122.5994	2.29477
2133	39.2443	372.0885	456.8062	385	122.5994	2.29381
2134	39.2613	372.1321	450.9802	385.25	122.5994	2.29286
2135	39.2783	351.5766	445.1634	385.5	122.5994	2.29191
2136	39.2953	393.154	442.9659	385.75	122.5994	2.29095
2137	39.3123	388.3787	444.6273	386	122.5994	2.29
2138	39.3293	388.1417	447.0369	386	122.5994	2.28905
2139	39.3463	407.9664	447.5395	386	122.5994	2.2881
2140	39.3633	388.4202	447.5407	386	122.5994	2.28715
2141	39.3803	401.4239	451.2184	386	122.5994	2.2862
2142	39.3973	434.3801	463.8625	386	122.5994	2.28526
2143	39.4143	460.9809	492.3839	386	122.5994	2.28431
2144	39.4313	497.2484	544.8015	386	122.5994	2.28336
2145	39.4483	545.6476	627.0875	386	122.5994	2.28242
2146	39.4653	649.1652	736.7948	386	122.5994	2.28148
2147	39.4823	809.5533	853.9042	386	122.5994	2.28053
2148	39.4993	959.8973	932.8437	386	122.5994	2.27959
2149	39.5163	1086.859	929.4482	386	122.5994	2.27865
2150	39.5333	1075.902	862.7847	386	122.5994	2.27771
2151	39.5503	929.3869	790.1298	386	122.5994	2.27677
2152	39.5673	738.6963	745.2396	386	122.5994	2.27583
2153	39.5843	712.3551	730.9216	386	122.5994	2.27489
2154	39.6013	727.2126	722.3637	386	122.5994	2.27395

2155	39.6183	732.4674	688.3052	386	122.5994	2.27302
2156	39.6353	717.156	628.1373	386	122.5994	2.27208
2157	39.6523	637.0998	563.4604	386	122.5994	2.27115
2158	39.6693	527.7954	508.9127	386	122.5994	2.27021
2159	39.6863	481.7643	469.6759	386	122.5994	2.26928
2160	39.7033	439.8936	444.4704	386	122.5994	2.26835
2161	39.7203	438.504	429.3038	386	122.5994	2.26741
2162	39.7373	415.031	420.2311	386	122.5994	2.26648
2163	39.7543	388.3789	414.5164	386	122.5994	2.26555
2164	39.7713	381.2896	410.6414	386	122.5994	2.26462
2165	39.7883	386.2032	407.8728	386	122.5994	2.2637
2166	39.8053	393.1118	405.8519	386	122.5994	2.26277
2167	39.8223	369.3936	404.3738	386	122.5994	2.26184
2168	39.8393	354.817	403.3401	386	122.5994	2.26092
2169	39.8563	368.3237	402.8051	386	122.5994	2.25999
2170	39.8733	371.1612	402.8816	386	122.5994	2.25907
2171	39.8903	412.8741	403.5266	386	122.5994	2.25814
2172	39.9073	376.2232	404.4316	386	122.5994	2.25722
2173	39.9243	384.7105	405.0159	386	122.5994	2.2563
2174	39.9413	352.6042	404.9495	386	122.5994	2.25538
2175	39.9583	347.1677	401.2076	386	122.5994	2.25446
2176	39.9753	361.8016	401.3293	386	122.5994	2.25354
2177	39.9923	387.0864	401.8986	386	122.5994	2.25262
2178	40.0093	365.987	402.8383	386	122.5994	2.2517
2179	40.0263	370.8748	401.9971	386	122.5994	2.25078
2180	40.0433	418.3974	402.8079	386	122.5994	2.24987
2181	40.0603	384.3773	403.4559	386	122.5994	2.24895
2182	40.0773	383.8378	404.2833	386	122.5994	2.24804
2183	40.0943	384.2112	405.5668	386	122.5994	2.24712
2184	40.1113	384.1232	407.4074	386	122.5994	2.24621
2185	40.1283	392.0254	409.4926	386	122.5994	2.2453
2186	40.1453	380.3665	411.2926	386.0833	122.5994	2.24439
2187	40.1623	392.9274	412.482	386.1667	122.5994	2.24347
2188	40.1793	414.3267	413.9234	386.25	122.5994	2.24256
2189	40.1963	387.0152	416.8961	386.3333	122.5994	2.24166
2190	40.2133	421.0264	423.128	386.4167	122.5994	2.24075
2191	40.2303	428.5471	434.9091	386.5	122.5994	2.23984
2192	40.2473	434.4775	455.0895	386.5833	122.5994	2.23893
2193	40.2643	474.4359	486.2275	386.6667	122.5994	2.23803
2194	40.2813	503.9116	528.5	386.75	122.5994	2.23712
2195	40.2983	561.1067	575.8701	386.8333	122.5994	2.23622
2196	40.3153	613.8514	612.0099	386.9167	122.5994	2.23531
2197	40.3323	694.606	616.8444	387	122.5994	2.23441
2198	40.3493	741.8697	592.4457	387.0833	122.5994	2.23351
2199	40.3663	698.4273	561.7644	387.1667	122.5994	2.23261
2200	40.3833	607.7786	541.622	387.25	122.5994	2.23171
2201	40.4003	512.3223	535.3801	387.3333	122.5994	2.23081
2202	40.4173	522.6374	534.8556	387.4167	122.5994	2.22991
2203	40.4343	559.5086	526.0281	387.5	122.5994	2.22901

2204	40.4513	576.9326	504.1107	387.5833	122.5994	2.22811
2205	40.4683	537.1829	477.4382	387.6667	122.5994	2.22721
2206	40.4853	457.6982	453.8322	387.75	122.5994	2.22632
2207	40.5023	427.5185	436.1658	387.8333	122.5994	2.22542
2208	40.5193	400.4686	423.9055	387.9167	122.5994	2.22453
2209	40.5363	386.0566	415.5501	388	122.5994	2.22363
2210	40.5533	392.5081	409.4456	387.75	122.5994	2.22274
2211	40.5703	358.177	405.2	387.5	122.5994	2.22185
2212	40.5873	372.0755	402.1489	387.25	122.5994	2.22096
2213	40.6043	366.8181	399.8627	387	122.5994	2.22007
2214	40.6213	364.1875	397.917	386.75	122.5994	2.21918
2215	40.6383	358.453	396.1312	386.5	122.5994	2.21829
2216	40.6553	353.3357	394.5361	386.25	122.5994	2.2174
2217	40.6723	364.948	393.1897	386	122.5994	2.21651
2218	40.6893	371.3904	392.0995	385.75	122.5994	2.21563
2219	40.7063	350.5891	391.2367	385.5	122.5994	2.21474
2220	40.7233	361.9484	390.576	385.25	122.5994	2.21385
2221	40.7403	383.5058	390.0486	385	122.5994	2.21297
2222	40.7573	378.9011	389.6537	384.75	122.5994	2.21209
2223	40.7743	370.0769	389.3958	384.5	122.5994	2.2112
2224	40.7913	375.017	389.2976	384.25	122.5994	2.21032
2225	40.8083	410.3303	389.3885	384	122.5994	2.20944
2226	40.8253	381.3474	389.6845	383.75	122.5994	2.20856
2227	40.8423	372.9452	390.1201	383.5	122.5994	2.20768
2228	40.8593	386.7556	390.6486	383.25	122.5994	2.2068
2229	40.8763	395.4831	391.1042	383	122.5994	2.20592
2230	40.8933	362.4593	391.3893	382.75	122.5994	2.20504
2231	40.9103	403.1687	391.6279	382.5	122.5994	2.20417
2232	40.9273	395.9499	391.9474	382.25	122.5994	2.20329
2233	40.9443	387.855	392.3633	382	122.5994	2.20241
2234	40.9613	374.5901	393.3085	382.1667	122.5994	2.20154
2235	40.9783	341.071	394.3239	382.3333	122.5994	2.20066
2236	40.9953	376.4102	395.4215	382.5	122.5994	2.19979
2237	41.0123	376.7532	396.67	382.6667	122.5994	2.19892
2238	41.0293	378.7681	397.5872	382.8333	122.5994	2.19805
2239	41.0463	368.6046	398.7246	383	122.5994	2.19718
2240	41.0633	377.6286	399.2551	383.1667	122.5994	2.19631
2241	41.0803	413.2144	399.3063	383.3333	122.5994	2.19544
2242	41.0973	381.58	399.33	383.5	122.5994	2.19457
2243	41.1143	388.9525	399.657	383.6667	122.5994	2.1937
2244	41.1313	427.1488	400.4742	383.8333	122.5994	2.19283
2245	41.1483	388.1417	401.6377	384	122.5994	2.19196
2246	41.1653	401.5986	403.1161	384.1667	122.5994	2.1911
2247	41.1823	425.9099	404.7401	384.3333	122.5994	2.19023
2248	41.1993	406.5631	407.2066	384.5	122.5994	2.18937
2249	41.2163	404.9056	409.8944	384.6667	122.5994	2.18851
2250	41.2333	409.2985	411.9552	384.8333	122.5994	2.18764
2251	41.2503	408.7141	412.9928	385	122.5994	2.18678
2252	41.2673	418.4641	413.4348	385.1667	122.5994	2.18592

2253	41.2843	403.709	413.3385	385.3333	122.5994	2.18506
2254	41.3013	425.6978	412.2419	385.5	122.5994	2.1842
2255	41.3183	407.156	410.1821	385.6667	122.5994	2.18334
2256	41.3353	372.6127	407.8179	385.8333	122.5994	2.18248
2257	41.3523	384.8904	405.4979	386	122.5994	2.18162
2258	41.3693	392.0024	403.046	385.7083	122.5994	2.18076
2259	41.3863	387.4031	400.9791	385.4167	122.5994	2.17991
2260	41.4033	367.8979	398.7819	385.125	122.5994	2.17905
2261	41.4203	364.3394	396.2202	384.8333	122.5994	2.1782
2262	41.4373	389.0226	393.6447	384.5417	122.5994	2.17734
2263	41.4543	416.2782	391.4296	384.25	122.5994	2.17649
2264	41.4713	380.523	389.6976	383.9583	122.5994	2.17564
2265	41.4883	380.36	388.4122	383.6667	122.5994	2.17478
2266	41.5053	373.7707	387.4807	383.375	122.5994	2.17393
2267	41.5223	360.0486	386.776	383.0833	122.5994	2.17308
2268	41.5393	363.0837	386.2328	382.7917	122.5994	2.17223
2269	41.5563	367.9189	385.8126	382.5	122.5994	2.17138
2270	41.5733	381.3379	385.5046	382.2083	122.5994	2.17053
2271	41.5903	380.8315	385.3159	381.9167	122.5994	2.16969
2272	41.6073	376.9416	385.2658	381.625	122.5994	2.16884
2273	41.6243	333.1836	385.4114	381.3333	122.5994	2.16799
2274	41.6413	364.8506	385.7301	381.0417	122.5994	2.16715
2275	41.6583	372.1774	386.2825	380.75	122.5994	2.1663
2276	41.6753	398.6645	387.0979	380.4583	122.5994	2.16546
2277	41.6923	343.8824	388.1939	380.1667	122.5994	2.16461
2278	41.7093	353.3231	389.5527	379.875	122.5994	2.16377
2279	41.7263	372.5086	391.9938	379.5833	122.5994	2.16293
2280	41.7433	376.4102	393.6606	379.2917	122.5994	2.16209
2281	41.7603	376.3239	395.2814	379	122.5994	2.16124
2282	41.7773	378.4953	397.1393	379	122.5994	2.1604
2283	41.7943	403.6621	398.7474	379	122.5994	2.15957
2284	41.8113	398.9937	400.0512	379	122.5994	2.15873
2285	41.8283	394.3843	401.6044	379	122.5994	2.15789
2286	41.8453	413.4285	402.3131	379	122.5994	2.15705
2287	41.8623	429.7397	402.9473	379	122.5994	2.15621
2288	41.8793	377.006	403.5065	379	122.5994	2.15538
2289	41.8963	368.3133	403.5375	379	122.5994	2.15454
2290	41.9133	376.4281	402.4742	379	122.5994	2.15371
2291	41.9303	366.8658	400.6545	379	122.5994	2.15287
2292	41.9473	380.6244	398.385	379	122.5994	2.15204
2293	41.9643	405.0569	396.377	379	122.5994	2.15121
2294	41.9813	407.9983	394.8651	379	122.5994	2.15038
2295	41.9983	396.382	393.7679	379	122.5994	2.14955
2296	42.0153	389.0833	392.7307	379	122.5994	2.14872
2297	42.0323	360.2942	391.6038	379	122.5994	2.14789
2298	42.0493	369.7286	390.4476	379	122.5994	2.14706
2299	42.0663	392.0923	389.6193	379	122.5994	2.14623
2300	42.0833	375.7739	389.135	379	122.5994	2.1454
2301	42.1003	372.2252	389.0086	379	122.5994	2.14457

2302	42.1173	378.2416	389.1974	379	122.5994	2.14375
2303	42.1343	381.0165	389.6329	379	122.5994	2.14292
2304	42.1513	383.4358	390.235	379	122.5994	2.1421
2305	42.1683	376.3239	391.0004	379	122.5994	2.14127
2306	42.1853	364.9313	391.5163	378.625	122.5994	2.14045
2307	42.2023	403.765	392.2189	378.25	122.5994	2.13963
2308	42.2193	411.7747	393.2028	377.875	122.5994	2.1388
2309	42.2363	413.4109	394.3601	377.5	122.5994	2.13798
2310	42.2533	406.4184	395.7704	377.125	122.5994	2.13716
2311	42.2703	428.8641	397.4656	376.75	122.5994	2.13634
2312	42.2873	447.0693	399.5743	376.375	122.5994	2.13552
2313	42.3043	415.5268	402.3538	376	122.5994	2.1347
2314	42.3213	422.8447	406.1595	375.625	122.5994	2.13388
2315	42.3383	438.3145	411.4862	375.25	122.5994	2.13307
2316	42.3553	441.0588	419.4335	374.875	122.5994	2.13225
2317	42.3723	434.0048	432.3826	374.5	122.5994	2.13143
2318	42.3893	511.0081	454.8453	374.125	122.5994	2.13062
2319	42.4063	512.4193	493.2033	373.75	122.5994	2.1298
2320	42.4233	573.488	553.4811	373.375	122.5994	2.12899
2321	42.4403	654.0196	636.8126	373	122.5994	2.12818
2322	42.4573	719.7117	732.7813	372.625	122.5994	2.12736
2323	42.4743	904.7676	811.0092	372.25	122.5994	2.12655
2324	42.4913	972.2666	830.088	371.875	122.5994	2.12574
2325	42.5083	1101.865	786.747	371.5	122.5994	2.12493
2326	42.5253	962.6261	722.8007	371.125	122.5994	2.12412
2327	42.5423	786.3654	675.4491	370.75	122.5994	2.12331
2328	42.5593	717.8054	658.435	370.375	122.5994	2.1225
2329	42.5763	713.4666	663.4052	370	122.5994	2.12169
2330	42.5933	718.1711	664.7411	369.625	122.5994	2.12089
2331	42.6103	714.644	640.0009	369.25	122.5994	2.12008
2332	42.6273	679.1752	594.7322	368.875	122.5994	2.11927
2333	42.6443	599.8564	546.7142	368.5	122.5994	2.11847
2334	42.6613	532.0117	507.1158	368.125	122.5994	2.11766
2335	42.6783	438.5701	478.711	367.75	122.5994	2.11686
2336	42.6953	399.0024	458.9988	367.375	122.5994	2.11605
2337	42.7123	398.1592	444.1837	367	122.5994	2.11525
2338	42.7293	405.1137	432.4742	366.625	122.5994	2.11445
2339	42.7463	399.6149	423.1754	366.25	122.5994	2.11365
2340	42.7633	390.6108	415.73	365.875	122.5994	2.11285
2341	42.7803	403.7882	409.6425	365.5	122.5994	2.11205
2342	42.7973	376.639	404.4248	365.125	122.5994	2.11125
2343	42.8143	351.3258	399.5284	364.75	122.5994	2.11045
2344	42.8313	353.1864	394.9407	364.375	122.5994	2.10965
2345	42.8483	353.9535	391.1436	364	122.5994	2.10885
2346	42.8653	352.0711	388.1846	363.625	122.5994	2.10805
2347	42.8823	347.6028	385.4669	363.25	122.5994	2.10726
2348	42.8993	334.9782	382.4073	362.875	122.5994	2.10646
2349	42.9163	355.6206	379.1998	362.5	122.5994	2.10567
2350	42.9333	377.7788	376.4304	362.125	122.5994	2.10487

2351	42.9503	376.7531	374.4075	361.75	122.5994	2.10408
2352	42.9673	367.0146	373.0833	361.375	122.5994	2.10329
2353	42.9843	354.9363	372.2151	361	122.5994	2.10249
2354	43.0013	350.6228	371.4023	360.625	122.5994	2.1017
2355	43.0183	363.2744	370.1611	360.25	122.5994	2.10091
2356	43.0353	358.4918	368.7732	359.875	122.5994	2.10012
2357	43.0523	371.9666	367.449	359.5	122.5994	2.09933
2358	43.0693	377.5234	366.2778	359.125	122.5994	2.09854
2359	43.0863	373.478	365.173	358.75	122.5994	2.09775
2360	43.1033	333.1142	364.2231	358.375	122.5994	2.09696
2361	43.1203	337.3804	363.4188	358	122.5994	2.09618
2362	43.1373	363.3254	362.7671	357.625	122.5994	2.09539
2363	43.1543	343.9782	362.2663	357.25	122.5994	2.0946
2364	43.1713	351.0703	361.9245	356.875	122.5994	2.09382
2365	43.1883	376.6664	361.7998	356.5	122.5994	2.09303
2366	43.2053	366.5337	360.9294	356.125	122.5994	2.09225
2367	43.2223	371.744	361.4162	355.75	122.5994	2.09147
2368	43.2393	390.7029	362.1084	355.375	122.5994	2.09068
2369	43.2563	362.4992	362.6285	355	122.5994	2.0899
2370	43.2733	402.8598	362.4163	354.625	122.5994	2.08912
2371	43.2903	357.4727	361.3759	354.25	122.5994	2.08834
2372	43.3073	349.885	360.0064	353.875	122.5994	2.08756
2373	43.3243	364.3596	358.9413	353.5	122.5994	2.08678
2374	43.3413	354.3715	358.3186	353.125	122.5994	2.086
2375	43.3583	368.9111	358.0994	352.75	122.5994	2.08522
2376	43.3753	369.4778	357.9028	352.375	122.5994	2.08444
2377	43.3923	341.3143	357.0444	352	122.5994	2.08367
2378	43.4093	335.9184	356.1362	351.7083	122.5994	2.08289
2379	43.4263	349.2419	355.5196	351.4167	122.5994	2.08211
2380	43.4433	372.1915	355.09	351.125	122.5994	2.08134
2381	43.4603	321.9562	355.041	350.8333	122.5994	2.08056
2382	43.4773	336.1432	355.6653	350.5417	122.5994	2.07979
2383	43.4943	355.4886	357.2516	350.25	122.5994	2.07902
2384	43.5113	333.6131	360.0648	349.9583	122.5994	2.07824
2385	43.5283	351.8728	363.8849	349.6667	122.5994	2.07747
2386	43.5453	346.7509	368.2992	349.375	122.5994	2.0767
2387	43.5623	322.7562	371.3833	349.0833	122.5994	2.07593
2388	43.5793	325.6574	371.169	348.7917	122.5994	2.07516
2389	43.5963	340.4946	368.0708	348.5	122.5994	2.07439
2390	43.6133	349.6565	364.4625	348.2083	122.5994	2.07362
2391	43.6303	357.7701	362.0209	347.9167	122.5994	2.07285
2392	43.6473	353.574	361.2361	347.625	122.5994	2.07208
2393	43.6643	350.696	361.5787	347.3333	122.5994	2.07131
2394	43.6813	348.5647	361.7421	347.0417	122.5994	2.07055
2395	43.6983	348.5819	360.6327	346.75	122.5994	2.06978
2396	43.7153	364.544	358.6054	346.4583	122.5994	2.06902
2397	43.7323	348.558	356.6722	346.1667	122.5994	2.06825
2398	43.7493	340.7253	355.3813	345.875	122.5994	2.06749
2399	43.7663	335.6554	354.8748	345.5833	122.5994	2.06672

2400	43.7833	347.3241	354.9729	345.2917	122.5994	2.06596
2401	43.8003	347.6155	355.2914	345	122.5994	2.0652
2402	43.8173	342.2956	355.6948	344.9583	122.5994	2.06444
2403	43.8343	352.4217	355.7104	344.9167	122.5994	2.06367
2404	43.8513	344.0547	355.4352	344.875	122.5994	2.06291
2405	43.8683	346.6765	355.1256	344.8333	122.5994	2.06215
2406	43.8853	349.6565	354.956	344.7917	122.5994	2.06139
2407	43.9023	352.6176	354.9417	344.75	122.5994	2.06064
2408	43.9193	356.3832	354.9365	344.7083	122.5994	2.05988
2409	43.9363	363.3401	354.6698	344.6667	122.5994	2.05912
2410	43.9533	355.3902	353.9915	344.625	122.5994	2.05836
2411	43.9703	328.2592	353.0916	344.5833	122.5994	2.05761
2412	43.9873	340.027	352.2598	344.5417	122.5994	2.05685
2413	44.0043	329.0815	351.6754	344.5	122.5994	2.0561
2414	44.0213	341.1063	351.3182	344.4583	122.5994	2.05534
2415	44.0383	352.7393	351.1165	344.4167	122.5994	2.05459
2416	44.0553	332.0556	350.998	344.375	122.5994	2.05383
2417	44.0723	324.1645	350.927	344.3333	122.5994	2.05308
2418	44.0893	342.407	350.9379	344.2917	122.5994	2.05233
2419	44.1063	364.1804	350.8739	344.25	122.5994	2.05158
2420	44.1233	339.9998	351.0193	344.2083	122.5994	2.05083
2421	44.1403	298.8453	351.0829	344.1667	122.5994	2.05008
2422	44.1573	339.8793	350.9955	344.125	122.5994	2.04933
2423	44.1743	356.0655	350.7672	344.0833	122.5994	2.04858
2424	44.1913	369.312	350.4511	344.0417	122.5994	2.04783
2425	44.2083	325.1695	350.1022	344	122.5994	2.04708
2426	44.2253	331.2082	349.9149	343.9583	122.5994	2.04633
2427	44.2423	339.3925	349.6056	343.9167	122.5994	2.04559
2428	44.2593	365.8851	349.2766	343.875	122.5994	2.04484
2429	44.2763	334.3716	348.9409	343.8333	122.5994	2.04409
2430	44.2933	321.2947	348.6125	343.7917	122.5994	2.04335
2431	44.3103	354.4788	348.3186	343.75	122.5994	2.0426
2432	44.3273	358.3354	348.0843	343.7083	122.5994	2.04186
2433	44.3443	358.5713	348.0031	343.6667	122.5994	2.04112
2434	44.3613	353.4061	347.9179	343.625	122.5994	2.04037
2435	44.3783	354.8846	347.8917	343.5833	122.5994	2.03963
2436	44.3953	367.743	347.9159	343.5417	122.5994	2.03889
2437	44.4123	344.8381	348.0074	343.5	122.5994	2.03815
2438	44.4293	299.5427	348.2273	343.4583	122.5994	2.03741
2439	44.4463	316.5109	348.6709	343.4167	122.5994	2.03667
2440	44.4633	336.2492	349.4204	343.375	122.5994	2.03593
2441	44.4803	342.3135	350.476	343.3333	122.5994	2.03519
2442	44.4973	331.2842	351.6782	343.2917	122.5994	2.03445
2443	44.5143	321.4661	352.6824	343.25	122.5994	2.03372
2444	44.5313	313.3318	353.2976	343.2083	122.5994	2.03298
2445	44.5483	359.3923	354.0987	343.1667	122.5994	2.03224
2446	44.5653	364.0214	355.9685	343.125	122.5994	2.03151
2447	44.5823	353.081	359.319	343.0833	122.5994	2.03077
2448	44.5993	352.2855	363.8084	343.0417	122.5994	2.03004

2449	44.6163	334.9	367.731	343	122.5994	2.0293
2450	44.6333	337.7295	369.2384	343.5833	122.5994	2.02857
2451	44.6503	342.2172	366.9857	344.1667	122.5994	2.02784
2452	44.6673	367.4155	363.2715	344.75	122.5994	2.0271
2453	44.6843	373.391	363.7284	345.3333	122.5994	2.02637
2454	44.7013	343.2302	362.7125	345.9167	122.5994	2.02564
2455	44.7183	352.7346	363.2805	346.5	122.5994	2.02491
2456	44.7353	369.8266	364.332	347.0833	122.5994	2.02418
2457	44.7523	362.7567	364.4073	347.6667	122.5994	2.02345
2458	44.7693	341.5454	363.0915	348.25	122.5994	2.02272
2459	44.7863	351.8047	361.3093	348.8333	122.5994	2.02199
2460	44.8033	374.2286	361.4977	349.4167	122.5994	2.02127
2461	44.8203	365.6671	360.754	350	122.5994	2.02054
2462	44.8373	386.9273	360.7152	350.5833	122.5994	2.01981
2463	44.8543	388.0528	361.1928	351.1667	122.5994	2.01909
2464	44.8713	376.4748	362.0655	351.75	122.5994	2.01836
2465	44.8883	384.6631	363.206	352.3333	122.5994	2.01764
2466	44.9053	410.707	364.5212	352.9167	122.5994	2.01691
2467	44.9223	376.1809	365.9526	353.5	122.5994	2.01619
2468	44.9393	373.0803	367.485	354.0833	122.5994	2.01547
2469	44.9563	382.6392	369.318	354.6667	122.5994	2.01474
2470	44.9733	401.6076	371.1956	355.25	122.5994	2.01402
2471	44.9903	386.4225	372.8532	355.8333	122.5994	2.0133
2472	45.0073	398.7255	374.0305	356.4167	122.5994	2.01258
2473	45.0243	399.6446	374.943	357	122.5994	2.01186
2474	45.0413	424.0866	375.5481	357.1563	122.5994	2.01114
2475	45.0583	394.8609	376.4917	357.3125	122.5994	2.01042
2476	45.0753	403.9712	377.8878	357.4688	122.5994	2.0097
2477	45.0923	399.6959	379.6179	357.625	122.5994	2.00898
2478	45.1093	392.7618	381.4656	357.7813	122.5994	2.00826
2479	45.1263	402.7909	383.3512	357.9375	122.5994	2.00755
2480	45.1433	416.7149	385.4597	358.0938	122.5994	2.00683
2481	45.1603	438.8803	387.9826	358.25	122.5994	2.00611
2482	45.1773	396.2291	392.0748	358.4063	122.5994	2.0054
2483	45.1943	369.6312	395.5654	358.5625	122.5994	2.00468
2484	45.2113	400.0715	399.9531	358.7188	122.5994	2.00397
2485	45.2283	430.977	405.8478	358.875	122.5994	2.00326
2486	45.2453	422.6326	413.9917	359.0313	122.5994	2.00254
2487	45.2623	393.9457	425.1862	359.1875	122.5994	2.00183
2488	45.2793	408.3565	440.1932	359.3438	122.5994	2.00112
2489	45.2963	426.9045	459.6506	359.5	122.5994	2.00041
2490	45.3133	434.9086	483.6304	359.6563	122.5994	1.9997
2491	45.3303	451.5123	513.0259	359.8125	122.5994	1.99899
2492	45.3473	459.6443	548.6788	359.9688	122.5994	1.99828
2493	45.3643	474.0211	591.1051	360.125	122.5994	1.99757
2494	45.3813	443.2568	640.3308	360.2813	122.5994	1.99686
2495	45.3983	498.265	695.3226	360.4375	122.5994	1.99615
2496	45.4153	538.3117	753.185	360.5938	122.5994	1.99544
2497	45.4323	585.341	808.8232	360.75	122.5994	1.99473

2498	45.4493	587.5562	854.8105	360.4792	122.5994	1.99403
2499	45.4663	606.3474	884.7422	360.2083	122.5994	1.99332
2500	45.4833	661.8655	895.046	359.9375	122.5994	1.99262
2501	45.5003	709.4915	887.9259	359.6667	122.5994	1.99191
2502	45.5173	744.5829	869.3726	359.3958	122.5994	1.99121
2503	45.5343	671.3135	845.1544	359.125	122.5994	1.9905
2504	45.5513	681.8781	818.4159	358.8542	122.5994	1.9898
2505	45.5683	677.2218	789.4057	358.5833	122.5994	1.9891
2506	45.5853	639.2953	756.7073	358.3125	122.5994	1.98839
2507	45.6023	607.4975	719.3976	358.0417	122.5994	1.98769
2508	45.6193	609.8817	678.8259	357.7708	122.5994	1.98699
2509	45.6363	568.0052	638.1765	357.5	122.5994	1.98629
2510	45.6533	552.5461	600.886	357.2292	122.5994	1.98559
2511	45.6703	538.0296	569.3173	356.9583	122.5994	1.98489
2512	45.6873	509.4977	544.4001	356.6875	122.5994	1.98419
2513	45.7043	463.2681	525.6265	356.4167	122.5994	1.98349
2514	45.7213	485.633	511.9711	356.1458	122.5994	1.9828
2515	45.7383	502.1571	505.1385	355.875	122.5994	1.9821
2516	45.7553	467.7036	510.158	355.6042	122.5994	1.9814
2517	45.7723	516.4287	531.9046	355.3333	122.5994	1.9807
2518	45.7893	565.1459	570.7587	355.0625	122.5994	1.98001
2519	45.8063	636.9266	618.322	354.7917	122.5994	1.97931
2520	45.8233	666.1628	653.6884	354.5208	122.5994	1.97862
2521	45.8403	754.5153	652.1184	354.25	122.5994	1.97792
2522	45.8573	741.3125	615.1454	353.9792	122.5994	1.97723
2523	45.8743	625.7177	569.6108	353.7083	122.5994	1.97654
2524	45.8913	521.2903	536.8448	353.4375	122.5994	1.97585
2525	45.9083	507.2631	524.2944	353.1667	122.5994	1.97515
2526	45.9253	527.4855	528.0237	352.8958	122.5994	1.97446
2527	45.9423	537.9749	534.9747	352.625	122.5994	1.97377
2528	45.9593	527.3642	529.0054	352.3542	122.5994	1.97308
2529	45.9763	527.9769	506.3921	352.0833	122.5994	1.97239
2530	45.9933	514.8191	477.1637	351.8125	122.5994	1.9717
2531	46.0103	471.4746	450.1556	351.5417	122.5994	1.97101
2532	46.0273	457.2321	428.7672	351.2708	122.5994	1.97032
2533	46.0443	448.3746	413.2737	351	122.5994	1.96964
2534	46.0613	398.4798	402.5381	350.7292	122.5994	1.96895
2535	46.0783	391.2923	395.1197	350.4583	122.5994	1.96826
2536	46.0953	382.3008	389.8554	350.1875	122.5994	1.96757
2537	46.1123	357.1757	385.7478	349.9167	122.5994	1.96689
2538	46.1293	363.9656	382.2563	349.6458	122.5994	1.9662
2539	46.1463	366.2749	379.0323	349.375	122.5994	1.96552
2540	46.1633	360.071	376.022	349.1042	122.5994	1.96483
2541	46.1803	379.8628	373.2648	348.8333	122.5994	1.96415
2542	46.1973	384.0702	370.6703	348.5625	122.5994	1.96347
2543	46.2143	383.0159	368.1265	348.2917	122.5994	1.96278
2544	46.2313	351.4801	365.736	348.0208	122.5994	1.9621
2545	46.2483	352.3596	363.8762	347.75	122.5994	1.96142
2546	46.2653	357.1757	359.1437	347.0521	122.5994	1.96074

2547	46.2823	360.1333	358.5966	346.3542	122.5994	1.96006
2548	46.2993	337.1807	358.7701	345.6563	122.5994	1.95938
2549	46.3163	334.2137	359.257	344.9583	122.5994	1.9587
2550	46.3333	334.9346	359.3134	344.2604	122.5994	1.95802
2551	46.3503	325.4218	358.1938	343.5625	122.5994	1.95734
2552	46.3673	320.8548	355.9132	342.8646	122.5994	1.95666
2553	46.3843	343.6184	351.7208	342.1667	122.5994	1.95599
2554	46.4013	342.4729	349.6035	341.4688	122.5994	1.95531
2555	46.4183	314.7076	348.1463	340.7708	122.5994	1.95463
2556	46.4353	356.0401	347.3376	340.0729	122.5994	1.95396
2557	46.4523	299.5869	346.7461	339.375	122.5994	1.95328
2558	46.4693	313.7529	345.9824	338.6771	122.5994	1.95261
2559	46.4863	342.1529	344.7474	337.9792	122.5994	1.95193
2560	46.5033	337.8695	343.3172	337.2813	122.5994	1.95126
2561	46.5203	330.0732	342.0528	336.5833	122.5994	1.95058
2562	46.5373	357.5667	340.0639	335.8854	122.5994	1.94991
2563	46.5543	355.0934	339.6275	335.1875	122.5994	1.94924
2564	46.5713	311.7201	339.5237	334.4896	122.5994	1.94857
2565	46.5883	307.5057	339.5446	333.7917	122.5994	1.9479
2566	46.6053	324.5829	339.441	333.0938	122.5994	1.94722
2567	46.6223	302.5062	338.7405	332.3958	122.5994	1.94655
2568	46.6393	325.9806	337.6755	331.6979	122.5994	1.94588
2569	46.6563	330.6806	336.5959	331	122.5994	1.94521
2570	46.6733	352.7751	336.8903	331.4583	122.5994	1.94455
2571	46.6903	324.9076	337.4904	331.9167	122.5994	1.94388
2572	46.7073	313.12	338.5413	332.375	122.5994	1.94321
2573	46.7243	321.6731	339.522	332.8333	122.5994	1.94254
2574	46.7413	318.8233	340.4291	333.2917	122.5994	1.94188
2575	46.7583	327.9747	341.1402	333.75	122.5994	1.94121
2576	46.7753	343.7449	342.0557	334.2083	122.5994	1.94054
2577	46.7923	311.9772	343.1761	334.6667	122.5994	1.93988
2578	46.8093	308.4808	344.4835	335.125	122.5994	1.93921
2579	46.8263	337.7737	345.9189	335.5833	122.5994	1.93855
2580	46.8433	337.2839	347.3668	336.0417	122.5994	1.93788
2581	46.8603	311.3428	348.6855	336.5	122.5994	1.93722
2582	46.8773	316.0611	349.6964	336.9583	122.5994	1.93656
2583	46.8943	348.2265	350.5189	337.4167	122.5994	1.9359
2584	46.9113	337.1217	351.3073	337.875	122.5994	1.93523
2585	46.9283	325.4952	352.3721	338.3333	122.5994	1.93457
2586	46.9453	313.5637	354.0471	338.7917	122.5994	1.93391
2587	46.9623	305.0381	356.4756	339.25	122.5994	1.93325
2588	46.9793	330.0746	359.4012	339.7083	122.5994	1.93259
2589	46.9963	327.2779	361.9505	340.1667	122.5994	1.93193
2590	47.0133	305.5487	362.6896	340.625	122.5994	1.93127
2591	47.0303	322.4922	361.2532	341.0833	122.5994	1.93061
2592	47.0473	339.5279	359.0512	341.5417	122.5994	1.92996
2593	47.0643	362.542	357.6683	342	122.5994	1.9293
2594	47.0813	330.4996	357.5105	342	122.5994	1.92864
2595	47.0983	335.1396	359.1654	342	122.5994	1.92799

2596	47.1153	360.4374	361.9542	342	122.5994	1.92733
2597	47.1323	320.7415	364.3249	342	122.5994	1.92667
2598	47.1493	332.2189	364.381	342	122.5994	1.92602
2599	47.1663	334.9346	361.7939	342	122.5994	1.92536
2600	47.1833	314.9686	358.2472	342	122.5994	1.92471
2601	47.2003	326.7526	355.4802	342	122.5994	1.92406
2602	47.2173	331.1525	354.3003	342	122.5994	1.9234
2603	47.2343	303.1471	354.7057	342	122.5994	1.92275
2604	47.2513	331.2836	356.075	342	122.5994	1.9221
2605	47.2683	341.3698	357.0438	342	122.5994	1.92145
2606	47.2853	310.8025	356.2825	342	122.5994	1.9208
2607	47.3023	331.4686	353.9788	342	122.5994	1.92014
2608	47.3193	335.619	351.4501	342	122.5994	1.91949
2609	47.3363	342.2172	349.3638	342	122.5994	1.91885
2610	47.3533	343.3079	348.1133	342	122.5994	1.9182
2611	47.3703	342.2661	347.6102	342	122.5994	1.91755
2612	47.3873	308.4789	347.4874	342	122.5994	1.9169
2613	47.4043	332.7507	347.246	342	122.5994	1.91625
2614	47.4213	329.6712	346.6274	342	122.5994	1.9156
2615	47.4383	351.5686	345.9789	342	122.5994	1.91496
2616	47.4553	358.1802	345.2528	342	122.5994	1.91431
2617	47.4723	359.9616	344.6995	342	122.5994	1.91366
2618	47.4893	363.076	344.3344	342	122.5994	1.91302
2619	47.5063	362.6585	344.1209	342	122.5994	1.91237
2620	47.5233	346.7868	344.0117	342	122.5994	1.91173
2621	47.5403	356.0295	343.9667	342	122.5994	1.91109
2622	47.5573	348.2404	343.9531	342	122.5994	1.91044
2623	47.5743	359.1773	343.9722	342	122.5994	1.9098
2624	47.5913	364.4302	344.0255	342	122.5994	1.90916
2625	47.6083	388.0528	344.1251	342	122.5994	1.90851
2626	47.6253	367.8238	344.2758	342	122.5994	1.90787
2627	47.6423	361.261	344.4827	342	122.5994	1.90723
2628	47.6593	364.3316	344.7621	342	122.5994	1.90659
2629	47.6763	361.7692	345.0567	342	122.5994	1.90595
2630	47.6933	366.4357	345.5664	342	122.5994	1.90531
2631	47.7103	367.026	345.9797	342	122.5994	1.90467
2632	47.7273	359.4268	346.3226	342	122.5994	1.90403
2633	47.7443	355.7842	346.5903	342	122.5994	1.9034
2634	47.7613	367.2268	346.8063	342	122.5994	1.90276
2635	47.7783	349.5903	346.9862	342	122.5994	1.90212
2636	47.7953	341.1715	346.9711	342	122.5994	1.90148
2637	47.8123	350.2396	347.1422	342	122.5994	1.90085
2638	47.8293	353.4061	347.3502	342	122.5994	1.90021
2639	47.8463	333.8564	347.6015	342	122.5994	1.89958
2640	47.8633	344.8322	347.9431	342	122.5994	1.89894
2641	47.8803	358.8193	348.482	342	122.5994	1.89831
2642	47.8973	315.8248	349.0882	341.6667	122.5994	1.89767
2643	47.9143	355.7569	350.4694	341.3333	122.5994	1.89704
2644	47.9313	326.3391	353.1478	341	122.5994	1.89641

2645	47.9483	326.7799	357.5734	340.6667	122.5994	1.89577
2646	47.9653	321.0972	363.7469	340.3333	122.5994	1.89514
2647	47.9823	333.8753	370.692	340	122.5994	1.89451
2648	47.9993	356.2211	375.7817	339.6667	122.5994	1.89388
2649	48.0163	338.9898	375.9953	339.3333	122.5994	1.89325
2650	48.0333	360.8898	371.8182	339	122.5994	1.89262
2651	48.0503	320.7076	366.9468	338.6667	122.5994	1.89199
2652	48.0673	339.0474	364.4601	338.3333	122.5994	1.89136
2653	48.0843	347.8657	365.9534	338	122.5994	1.89073
2654	48.1013	322.1828	371.5974	337.6667	122.5994	1.8901
2655	48.1183	343.462	380.1756	337.3333	122.5994	1.88947
2656	48.1353	353.4061	388.5938	337	122.5994	1.88884
2657	48.1523	349.6824	392.9493	336.6667	122.5994	1.88822
2658	48.1693	333.2121	390.4327	336.3333	122.5994	1.88759
2659	48.1863	359.6089	381.8503	336	122.5994	1.88696
2660	48.2033	353.4061	371.7258	335.6667	122.5994	1.88634
2661	48.2203	360.5703	363.9218	335.3333	122.5994	1.88571
2662	48.2373	367.054	359.854	335	122.5994	1.88509
2663	48.2543	321.7965	359.2068	334.6667	122.5994	1.88446
2664	48.2713	332.7657	360.2967	334.3333	122.5994	1.88384
2665	48.2883	331.0755	360.5273	334	122.5994	1.88322
2666	48.3053	343.6792	358.1238	333.7292	122.5994	1.88259
2667	48.3223	345.3604	353.8528	333.4583	122.5994	1.88197
2668	48.3393	341.1766	349.7354	333.1875	122.5994	1.88135
2669	48.3563	357.2576	346.9653	332.9167	122.5994	1.88073
2670	48.3733	349.2139	345.7189	332.6458	122.5994	1.8801
2671	48.3903	352.0978	345.3722	332.375	122.5994	1.87948
2672	48.4073	357.9455	344.802	332.1042	122.5994	1.87886
2673	48.4243	374.4526	343.3574	331.8333	122.5994	1.87824
2674	48.4413	391.8738	341.5616	331.5625	122.5994	1.87762
2675	48.4583	367.8993	340.1003	331.2917	122.5994	1.87701
2676	48.4753	361.4841	339.1407	331.0208	122.5994	1.87639
2677	48.4923	351.7457	338.6054	330.75	122.5994	1.87577
2678	48.5093	335.6985	338.2489	330.4792	122.5994	1.87515
2679	48.5263	352.0421	337.8126	330.2083	122.5994	1.87453
2680	48.5433	357.4751	336.9978	329.9375	122.5994	1.87392
2681	48.5603	368.6987	335.853	329.6667	122.5994	1.8733
2682	48.5773	373.6726	334.7531	329.3958	122.5994	1.87269
2683	48.5943	351.1675	333.8812	329.125	122.5994	1.87207
2684	48.6113	367.0551	333.2364	328.8542	122.5994	1.87145
2685	48.6283	326.4011	332.7133	328.5833	122.5994	1.87084
2686	48.6453	340.5969	332.2864	328.3125	122.5994	1.87023
2687	48.6623	355.6173	331.993	328.0417	122.5994	1.86961
2688	48.6793	363.4464	331.8579	327.7708	122.5994	1.869
2689	48.6963	358.4235	331.7913	327.5	122.5994	1.86839
2690	48.7133	357.2576	331.9721	327.2292	122.5994	1.86777
2691	48.7303	340.7861	332.2892	326.9583	122.5994	1.86716
2692	48.7473	328.6701	332.7486	326.6875	122.5994	1.86655
2693	48.7643	314.4525	333.4004	326.4167	122.5994	1.86594

2694	48.7813	365.4711	334.342	326.1458	122.5994	1.86533
2695	48.7983	308.4865	335.6706	325.875	122.5994	1.86472
2696	48.8153	334.47	337.3692	325.6042	122.5994	1.86411
2697	48.8323	341.9283	339.1418	325.3333	122.5994	1.8635
2698	48.8493	297.7231	340.2747	325.0625	122.5994	1.86289
2699	48.8663	361.4376	340.0879	324.7917	122.5994	1.86228
2700	48.8833	369.4453	338.8645	324.5208	122.5994	1.86168
2701	48.9003	370.7674	337.3112	324.25	122.5994	1.86107
2702	48.9173	286.1797	336.2858	323.9792	122.5994	1.86046
2703	48.9343	338.2527	335.8076	323.7083	122.5994	1.85985
2704	48.9513	314.4606	335.6718	323.4375	122.5994	1.85925
2705	48.9683	324.3097	335.6021	323.1667	122.5994	1.85864
2706	48.9853	339.344	335.4265	322.8958	122.5994	1.85804
2707	49.0023	330.0208	335.2083	322.625	122.5994	1.85743
2708	49.0193	343.1685	335.2532	322.3542	122.5994	1.85683
2709	49.0363	354.1821	335.8759	322.0833	122.5994	1.85622
2710	49.0533	345.9268	336.5403	321.8125	122.5994	1.85562
2711	49.0703	346.0061	336.3492	321.5417	122.5994	1.85502
2712	49.0873	342.2671	334.8224	321.2708	122.5994	1.85441
2713	49.1043	321.1795	332.9025	321	122.5994	1.85381
2714	49.1213	298.3974	332.2912	321.3333	122.5994	1.85321
2715	49.1383	309.7042	333.1213	321.6667	122.5994	1.85261
2716	49.1553	338.9557	335.8359	322	122.5994	1.85201
2717	49.1723	354.8902	340.5187	322.3333	122.5994	1.85141
2718	49.1893	332.2535	346.6498	322.6667	122.5994	1.85081
2719	49.2063	330.8892	352.9161	323	122.5994	1.85021
2720	49.2233	334.9335	357.4069	323.3333	122.5994	1.84961
2721	49.2403	341.1211	357.2563	323.6667	122.5994	1.84901
2722	49.2573	339.3103	353.015	324	122.5994	1.84841
2723	49.2743	344.4477	347.7048	324.3333	122.5994	1.84781
2724	49.2913	363.9056	343.8309	324.6667	122.5994	1.84722
2725	49.3083	343.643	342.3834	325	122.5994	1.84662
2726	49.3253	358.3815	343.2321	325.3333	122.5994	1.84602
2727	49.3423	363.8137	345.3297	325.6667	122.5994	1.84543
2728	49.3593	322.8634	346.9846	326	122.5994	1.84483
2729	49.3763	331.2891	346.5677	326.3333	122.5994	1.84424
2730	49.3933	326.6146	344.7777	326.6667	122.5994	1.84364
2731	49.4103	320.3793	343.1255	327	122.5994	1.84305
2732	49.4273	334.266	342.3846	327.3333	122.5994	1.84245
2733	49.4443	324.3254	342.5078	327.6667	122.5994	1.84186
2734	49.4613	323.2653	342.7644	328	122.5994	1.84126
2735	49.4783	315.2015	342.1455	328.3333	122.5994	1.84067
2736	49.4953	319.2904	340.5862	328.6667	122.5994	1.84008
2737	49.5123	339.4235	338.926	329	122.5994	1.83949
2738	49.5293	338.9329	337.7977	329.2839	122.5994	1.8389
2739	49.5463	318.7305	337.4729	329.5677	122.5994	1.8383
2740	49.5633	323.5633	337.7927	329.8516	122.5994	1.83771
2741	49.5803	334.3638	338.5138	330.1354	122.5994	1.83712
2742	49.5973	290.1375	339.109	330.4193	122.5994	1.83653

2743	49.6143	364.6008	339.2397	330.7031	122.5994	1.83594
2744	49.6313	321.0843	339.1861	330.987	122.5994	1.83536
2745	49.6483	355.1078	339.4467	331.2708	122.5994	1.83477
2746	49.6653	309.462	340.2266	331.5547	122.5994	1.83418
2747	49.6823	354.0974	341.4696	331.8385	122.5994	1.83359
2748	49.6993	323.5359	342.8297	332.1224	122.5994	1.833
2749	49.7163	345.9461	344.3737	332.4063	122.5994	1.83242
2750	49.7333	323.6931	346.7359	332.6901	122.5994	1.83183
2751	49.7503	342.8471	350.5856	332.974	122.5994	1.83124
2752	49.7673	352.4834	355.9497	333.2578	122.5994	1.83066
2753	49.7843	372.212	370.9558	333.5417	122.5994	1.83007
2754	49.8013	343.9602	376.3154	333.8255	122.5994	1.82949
2755	49.8183	347.8325	379.2404	334.1094	122.5994	1.8289
2756	49.8353	352.7564	379.5037	334.3932	122.5994	1.82832
2757	49.8523	369.9687	378.3206	334.6771	122.5994	1.82774
2758	49.8693	349.6108	378.0173	334.9609	122.5994	1.82715
2759	49.8863	361.083	380.8123	335.2448	122.5994	1.82657
2760	49.9033	371.4953	387.355	335.5286	122.5994	1.82599
2761	49.9203	377.8212	401.1609	335.8125	122.5994	1.82541
2762	49.9373	401.6003	410.544	335.6986	122.5994	1.82482
2763	49.9543	411.8501	417.4272	335.5846	122.5994	1.82424
2764	49.9713	389.4485	421.2242	335.4707	122.5994	1.82366
2765	49.9883	386.8067	423.1617	335.3568	122.5994	1.82308
2766	50.0053	408.1571	425.0226	335.2428	122.5994	1.8225
2767	50.0223	432.5038	429.7063	335.1289	122.5994	1.82192
2768	50.0393	442.3134	440.9843	335.015	122.5994	1.82134
2769	50.0563	500.0501	462.9969	334.901	122.5994	1.82076
2770	50.0733	536.3601	502.1799	334.7871	122.5994	1.82019
2771	50.0903	599.3014	569.6161	334.6732	122.5994	1.81961
2772	50.1073	692.098	681.3174	334.5592	122.5994	1.81903
2773	50.1243	769.6058	851.3506	334.4453	122.5994	1.81845
2774	50.1413	999.4241	1080.125	334.3314	122.5994	1.81788
2775	50.1583	1270.006	1337.37	334.2174	122.5994	1.8173
2776	50.1753	1560.078	1535.524	334.1035	122.5994	1.81672
2777	50.1923	1776.146	1555.225	333.9896	122.5994	1.81615
2778	50.2093	1643.52	1389.365	333.8757	122.5994	1.81557
2779	50.2263	1237.986	1162.905	333.7617	122.5994	1.815
2780	50.2433	962.8654	983.1779	333.6478	122.5994	1.81442
2781	50.2603	827.0882	895.6603	333.5339	122.5994	1.81385
2782	50.2773	825.8135	899.8943	333.4199	122.5994	1.81328
2783	50.2943	864.3844	960.3998	333.306	122.5994	1.8127
2784	50.3113	1005.646	1009.302	333.1921	122.5994	1.81213
2785	50.3283	1052.968	975.6076	333.0781	122.5994	1.81156
2786	50.3453	951.3972	859.4252	332.9642	122.5994	1.81099
2787	50.3623	730.6269	718.9389	332.8503	122.5994	1.81042
2788	50.3793	535.4068	597.4113	332.7363	122.5994	1.80985
2789	50.3963	475.9863	509.7213	332.6224	122.5994	1.80927
2790	50.4133	416.3262	454.1063	332.5085	122.5994	1.8087
2791	50.4303	427.3407	421.7774	332.3945	122.5994	1.80813

2792	50.4473	391.2761	403.3846	332.2806	122.5994	1.80756
2793	50.4643	379.5487	392.3145	332.1667	122.5994	1.807
2794	50.4813	414.2276	385.0573	332.0527	122.5994	1.80643
2795	50.4983	351.3186	380.5463	331.9388	122.5994	1.80586
2796	50.5153	313.7742	379.1461	331.8249	122.5994	1.80529
2797	50.5323	362.2676	381.9059	331.7109	122.5994	1.80472
2798	50.5493	375.0078	388.1527	331.597	122.5994	1.80416
2799	50.5663	397.5899	397.0348	331.4831	122.5994	1.80359
2800	50.5833	376.9209	405.0051	331.3691	122.5994	1.80302
2801	50.6003	390.0677	406.7873	331.2552	122.5994	1.80246
2802	50.6173	387.3772	401.1128	331.1413	122.5994	1.80189
2803	50.6343	393.6863	392.7961	331.0273	122.5994	1.80133
2804	50.6513	417.8972	386.2988	330.9134	122.5994	1.80076
2805	50.6683	500.4074	382.7031	330.7995	122.5994	1.8002
2806	50.6853	562.3105	380.8926	330.6855	122.5994	1.79963
2807	50.7023	596.9099	379.9542	330.5716	122.5994	1.79907
2808	50.7193	526.8178	378.8692	330.4577	122.5994	1.79851
2809	50.7363	428.9363	375.5934	330.3438	122.5994	1.79794
2810	50.7533	371.2509	369.4281	329.832	122.5994	1.79738
2811	50.7703	379.1471	362.9324	329.3203	122.5994	1.79682
2812	50.7873	401.8648	357.6799	328.8086	122.5994	1.79626
2813	50.8043	418.3018	353.4817	328.2969	122.5994	1.7957
2814	50.8213	450.8226	349.831	327.7852	122.5994	1.79514
2815	50.8383	461.4401	346.3314	327.2734	122.5994	1.79458
2816	50.8553	412.0047	343.2048	326.7617	122.5994	1.79402
2817	50.8723	366.6233	340.5316	326.25	122.5994	1.79346
2818	50.8893	343.5321	338.3325	325.7383	122.5994	1.7929
2819	50.9063	358.7326	336.6165	325.2266	122.5994	1.79234
2820	50.9233	364.9359	335.3529	324.7148	122.5994	1.79178
2821	50.9403	331.1962	329.917	324.2031	122.5994	1.79122
2822	50.9573	352.9357	329.6158	323.6914	122.5994	1.79066
2823	50.9743	336.5159	329.6026	323.1797	122.5994	1.79011
2824	50.9913	329.4043	329.8294	322.668	122.5994	1.78955
2825	51.0083	331.2082	330.0308	322.1563	122.5994	1.78899
2826	51.0253	328.4399	331.3249	321.6445	122.5994	1.78844
2827	51.0423	321.7828	334.1292	321.1328	122.5994	1.78788
2828	51.0593	320.4527	339.652	320.6211	122.5994	1.78733
2829	51.0763	326.4852	349.3044	320.1094	122.5994	1.78677
2830	51.0933	356.61	363.805	319.5977	122.5994	1.78622
2831	51.1103	350.9696	382.4296	319.0859	122.5994	1.78566
2832	51.1273	356.5187	400.5343	318.5742	122.5994	1.78511
2833	51.1443	357.2576	409.2744	318.0625	122.5994	1.78456
2834	51.1613	332.3587	402.2924	317.0599	122.5994	1.784
2835	51.1783	379.0922	385.3218	316.0573	122.5994	1.78345
2836	51.1953	342.3511	368.1555	315.0547	122.5994	1.7829
2837	51.2123	369.3235	356.5846	314.0521	122.5994	1.78235
2838	51.2293	396.6468	352.2888	313.0495	122.5994	1.78179
2839	51.2463	321.3693	354.2137	312.0469	122.5994	1.78124
2840	51.2633	335.7957	358.741	311.0443	122.5994	1.78069

2841	51.2803	349.1534	360.2801	310.0417	122.5994	1.78014
2842	51.2973	374.9342	354.7923	309.0391	122.5994	1.77959
2843	51.3143	357.6175	344.2799	308.0365	122.5994	1.77904
2844	51.3313	323.1356	333.1492	307.0339	122.5994	1.77849
2845	51.3483	354.131	323.8854	306.0313	122.5994	1.77794
2846	51.3653	355.6489	317.1382	305.0286	122.5994	1.7774
2847	51.3823	341.9253	312.6264	304.026	122.5994	1.77685
2848	51.3993	320.5071	309.5298	303.0234	122.5994	1.7763
2849	51.4163	333.3222	307.2844	302.0208	122.5994	1.77575
2850	51.4333	329.8922	305.4954	301.0182	122.5994	1.77521
2851	51.4503	316.7069	303.9432	300.0156	122.5994	1.77466
2852	51.4673	321.4422	302.5329	299.013	122.5994	1.77411
2853	51.4843	317.1183	301.2255	298.0104	122.5994	1.77357
2854	51.5013	325.714	300.017	297.0078	122.5994	1.77302
2855	51.5183	292.3151	298.934	296.0052	122.5994	1.77248
2856	51.5353	279.4116	297.9337	295.0026	122.5994	1.77193
2857	51.5523	283.124	297.0275	294	122.5994	1.77139
2858	51.5693	314.2372	297.1101	294.5417	122.5994	1.77084
2859	51.5863	322.5813	297.805	295.0833	122.5994	1.7703
2860	51.6033	315.3611	298.3772	295.625	122.5994	1.76976
2861	51.6203	325.9803	298.8704	296.1667	122.5994	1.76921
2862	51.6373	319.5876	299.4368	296.7083	122.5994	1.76867
2863	51.6543	309.2508	300.1949	297.25	122.5994	1.76813
2864	51.6713	306.2206	301.3102	297.7917	122.5994	1.76759
2865	51.6883	301.8879	302.9489	298.3333	122.5994	1.76705
2866	51.7053	312.9347	304.96	298.875	122.5994	1.7665
2867	51.7223	290.5276	307.9875	299.4167	122.5994	1.76596
2868	51.7393	299.1003	311.4294	299.9583	122.5994	1.76542
2869	51.7563	302.3106	314.5314	300.5	122.5994	1.76488
2870	51.7733	294.3054	316.1634	301.0417	122.5994	1.76434
2871	51.7903	284.7369	315.9981	301.5833	122.5994	1.7638
2872	51.8073	282.2129	314.596	302.125	122.5994	1.76327
2873	51.8243	301.3607	312.9956	302.6667	122.5994	1.76273
2874	51.8413	317.7783	311.9857	303.2083	122.5994	1.76219
2875	51.8583	317.4615	311.9341	303.75	122.5994	1.76165
2876	51.8753	301.7291	312.778	304.2917	122.5994	1.76111
2877	51.8923	311.5912	314.0688	304.8333	122.5994	1.76058
2878	51.9093	310.1464	315.0972	305.375	122.5994	1.76004
2879	51.9263	300.0583	315.5027	305.9167	122.5994	1.7595
2880	51.9433	280.0431	315.4373	306.4583	122.5994	1.75897
2881	51.9603	308.7099	315.3156	307	122.5994	1.75843
2882	51.9773	338.2701	315.2733	307.4375	122.5994	1.7579
2883	51.9943	302.5625	315.3615	307.875	122.5994	1.75736
2884	52.0113	286.2977	315.577	308.3125	122.5994	1.75683
2885	52.0283	306.2206	315.8433	308.75	122.5994	1.75629
2886	52.0453	308.1536	316.634	309.1875	122.5994	1.75576
2887	52.0623	326.1846	318.241	309.625	122.5994	1.75523
2888	52.0793	282.9731	320.8539	310.0625	122.5994	1.75469
2889	52.0963	310.3569	324.5199	310.5	122.5994	1.75416

2890	52.1133	298.0299	328.9289	310.9375	122.5994	1.75363
2891	52.1303	321.8683	333.0565	311.375	122.5994	1.7531
2892	52.1473	299.3631	335.199	311.8125	122.5994	1.75257
2893	52.1643	313.3318	334.2902	312.25	122.5994	1.75204
2894	52.1813	306.4342	331.6151	312.6875	122.5994	1.7515
2895	52.1983	291.1144	328.9476	313.125	122.5994	1.75097
2896	52.2153	313.5295	327.3047	313.5625	122.5994	1.75044
2897	52.2323	325.6243	327.0168	314	122.5994	1.74991
2898	52.2493	298.5817	327.9389	314.4375	122.5994	1.74938
2899	52.2663	293.5833	329.5347	314.875	122.5994	1.74886
2900	52.2833	321.2618	330.843	315.3125	122.5994	1.74833
2901	52.3003	302.0861	331.0558	315.75	122.5994	1.7478
2902	52.3173	318.3042	330.3004	316.1875	122.5994	1.74727
2903	52.3343	328.444	329.1357	316.625	122.5994	1.74674
2904	52.3513	345.3978	328.0025	317.0625	122.5994	1.74622
2905	52.3683	349.8716	327.2169	317.5	122.5994	1.74569
2906	52.3853	334.8418	326.521	317.6458	122.5994	1.74516
2907	52.4023	323.9689	326.1183	317.7917	122.5994	1.74464
2908	52.4193	318.1757	326.1244	317.9375	122.5994	1.74411
2909	52.4363	331.8581	326.7726	318.0833	122.5994	1.74359
2910	52.4533	343.8138	328.2337	318.2292	122.5994	1.74306
2911	52.4703	339.9576	330.5447	318.375	122.5994	1.74254
2912	52.4873	333.9643	333.5866	318.5208	122.5994	1.74201
2913	52.5043	331.2082	336.973	318.6667	122.5994	1.74149
2914	52.5213	343.6958	339.6818	318.8125	122.5994	1.74096
2915	52.5383	331.7926	340.4005	318.9583	122.5994	1.74044
2916	52.5553	334.4507	339.0809	319.1042	122.5994	1.73992
2917	52.5723	349.6394	337.1326	319.25	122.5994	1.73939
2918	52.5893	344.8684	335.6089	319.3958	122.5994	1.73887
2919	52.6063	313.979	335.0361	319.5417	122.5994	1.73835
2920	52.6233	344.328	335.5076	319.6875	122.5994	1.73783
2921	52.6403	311.4702	336.839	319.8333	122.5994	1.73731
2922	52.6573	323.9008	338.5158	319.9792	122.5994	1.73679
2923	52.6743	356.6457	339.7979	320.125	122.5994	1.73627
2924	52.6913	318.482	340.3694	320.2708	122.5994	1.73575
2925	52.7083	323.0446	340.6822	320.4167	122.5994	1.73523
2926	52.7253	304.109	341.1703	320.5625	122.5994	1.73471
2927	52.7423	319.6857	341.9367	320.7083	122.5994	1.73419
2928	52.7593	330.972	342.87	320.8542	122.5994	1.73367
2929	52.7763	309.8097	343.7536	321	122.5994	1.73315
2930	52.7933	349.2664	344.3676	321.1458	122.5994	1.73263
2931	52.8103	327.7336	344.5316	321.2917	122.5994	1.73212
2932	52.8273	330.057	344.477	321.4375	122.5994	1.7316
2933	52.8443	312.7278	344.1839	321.5833	122.5994	1.73108
2934	52.8613	310.8777	343.6649	321.7292	122.5994	1.73056
2935	52.8783	348.3024	342.7456	321.875	122.5994	1.73005
2936	52.8953	334.1995	341.7913	322.0208	122.5994	1.72953
2937	52.9123	321.1654	340.7885	322.1667	122.5994	1.72902
2938	52.9293	364.2157	339.8199	322.3125	122.5994	1.7285

2939	52.9463	319.4796	338.7858	322.4583	122.5994	1.72799
2940	52.9633	337.1323	337.4692	322.6042	122.5994	1.72747
2941	52.9803	316.7283	336.1167	322.75	122.5994	1.72696
2942	52.9973	306.2908	334.8413	322.8958	122.5994	1.72644
2943	53.0143	310.4815	333.6322	323.0417	122.5994	1.72593
2944	53.0313	321.5364	332.6027	323.1875	122.5994	1.72542
2945	53.0483	321.5803	331.8072	323.3333	122.5994	1.7249
2946	53.0653	335.7372	331.4109	323.4792	122.5994	1.72439
2947	53.0823	362.806	331.5847	323.625	122.5994	1.72388
2948	53.0993	332.7049	332.1717	323.7708	122.5994	1.72337
2949	53.1163	310.3185	333.6408	323.9167	122.5994	1.72286
2950	53.1333	328.6481	336.3397	324.0625	122.5994	1.72234
2951	53.1503	345.5651	340.3672	324.2083	122.5994	1.72183
2952	53.1673	355.3518	345.321	324.3542	122.5994	1.72132
2953	53.1843	353.2952	349.9218	324.5	122.5994	1.72081
2954	53.2013	351.7529	352.4585	324.3542	122.5994	1.7203
2955	53.2183	351.3095	352.7131	324.2083	122.5994	1.71979
2956	53.2353	326.4764	351.7974	324.0625	122.5994	1.71928
2957	53.2523	338.3742	351.3069	323.9167	122.5994	1.71878
2958	53.2693	345.5458	352.1407	323.7708	122.5994	1.71827
2959	53.2863	331.5398	353.6759	323.625	122.5994	1.71776
2960	53.3033	347.3117	354.4847	323.4792	122.5994	1.71725
2961	53.3203	341.8178	354.0286	323.3333	122.5994	1.71674
2962	53.3373	334.9346	352.3793	323.1875	122.5994	1.71624
2963	53.3543	329.5351	349.5412	323.0417	122.5994	1.71573
2964	53.3713	355.6578	345.9757	322.8958	122.5994	1.71522
2965	53.3883	353.0688	342.825	322.75	122.5994	1.71472
2966	53.4053	337.9578	340.6457	322.6042	122.5994	1.71421
2967	53.4223	359.3111	339.3685	322.4583	122.5994	1.71371
2968	53.4393	339.6808	338.363	322.3125	122.5994	1.7132
2969	53.4563	328.6712	337.2595	322.1667	122.5994	1.7127
2970	53.4733	367.1528	336.3387	322.0208	122.5994	1.71219
2971	53.4903	338.5708	335.753	321.875	122.5994	1.71169
2972	53.5073	348.5456	335.2393	321.7292	122.5994	1.71118
2973	53.5243	342.6947	334.2433	321.5833	122.5994	1.71068
2974	53.5413	353.0482	332.4205	321.4375	122.5994	1.71018
2975	53.5583	338.6847	330.207	321.2917	122.5994	1.70968
2976	53.5753	286.3214	328.2946	321.1458	122.5994	1.70917
2977	53.5923	351.9515	326.8998	321	122.5994	1.70867
2978	53.6093	306.9847	327.1774	321.6875	122.5994	1.70817
2979	53.6263	322.0256	328.0948	322.375	122.5994	1.70767
2980	53.6433	341.9376	329.3387	323.0625	122.5994	1.70717
2981	53.6603	333.4672	330.605	323.75	122.5994	1.70667
2982	53.6773	298.3242	331.653	324.4375	122.5994	1.70617
2983	53.6943	316.1593	332.4534	325.125	122.5994	1.70567
2984	53.7113	329.3004	333.4452	325.8125	122.5994	1.70517
2985	53.7283	326.3697	334.6052	326.5	122.5994	1.70467
2986	53.7453	347.9749	336.4495	327.1875	122.5994	1.70417
2987	53.7623	338.6698	338.3391	327.875	122.5994	1.70367

2988	53.7793	322.7754	340.0607	328.5625	122.5994	1.70317
2989	53.7963	308.7808	341.7511	329.25	122.5994	1.70267
2990	53.8133	308.4182	343.6603	329.9375	122.5994	1.70217
2991	53.8303	310.9116	345.8044	330.625	122.5994	1.70168
2992	53.8473	325.7393	348.1885	331.3125	122.5994	1.70118
2993	53.8643	349.7565	350.69	332	122.5994	1.70068
2994	53.8813	315.8185	353.2649	332.6875	122.5994	1.70019
2995	53.8983	305.6407	356.0017	333.375	122.5994	1.69969
2996	53.9153	328.8496	358.8386	334.0625	122.5994	1.69919
2997	53.9323	343.4425	361.0406	334.75	122.5994	1.6987
2998	53.9493	346.2012	361.6959	335.4375	122.5994	1.6982
2999	53.9663	351.8838	360.647	336.125	122.5994	1.69771
3000	53.9833	360.7677	359.0154	336.8125	122.5994	1.69721
3001	54.0003	339.0279	357.7346	337.5	122.5994	1.69672
3002	54.0173	326.0279	356.6607	337.8177	122.5994	1.69623
3003	54.0343	351.8586	356.1511	338.1354	122.5994	1.69573
3004	54.0513	361.6778	356.3156	338.4531	122.5994	1.69524
3005	54.0683	338.3847	357.0927	338.7708	122.5994	1.69475
3006	54.0853	344.6106	358.0599	339.0885	122.5994	1.69425
3007	54.1023	335.8959	358.7607	339.4063	122.5994	1.69376
3008	54.1193	303.0294	359.1307	339.724	122.5994	1.69327
3009	54.1363	328.3152	359.2828	340.0417	122.5994	1.69278
3010	54.1533	344.9715	358.4232	340.3594	122.5994	1.69229
3011	54.1703	318.3478	357.7515	340.6771	122.5994	1.6918
3012	54.1873	320.9153	356.8958	340.9948	122.5994	1.69131
3013	54.2043	338.773	357.1866	341.3125	122.5994	1.69082
3014	54.2213	342.2172	358.7234	341.6302	122.5994	1.69033
3015	54.2383	314.6732	361.0955	341.9479	122.5994	1.68984
3016	54.2553	325.2884	363.5504	342.2656	122.5994	1.68935
3017	54.2723	324.3548	365.6869	342.5833	122.5994	1.68886
3018	54.2893	334.004	367.3915	342.901	122.5994	1.68837
3019	54.3063	348.7121	369.3286	343.2188	122.5994	1.68788
3020	54.3233	360.5687	372.771	343.5365	122.5994	1.68739
3021	54.3403	357.2543	377.7309	343.8542	122.5994	1.6869
3022	54.3573	392.0539	383.8684	344.1719	122.5994	1.68642
3023	54.3743	339.1086	389.2763	344.4896	122.5994	1.68593
3024	54.3913	366.0509	392.5152	344.8073	122.5994	1.68544
3025	54.4083	388.9977	392.6784	345.125	122.5994	1.68496
3026	54.4253	344.7276	389.1862	345.4427	122.5994	1.68447
3027	54.4423	335.6747	383.8061	345.7604	122.5994	1.68398
3028	54.4593	370.964	379.1464	346.0781	122.5994	1.6835
3029	54.4763	360.4745	376.6694	346.3958	122.5994	1.68301
3030	54.4933	357.1757	376.3243	346.7135	122.5994	1.68253
3031	54.5103	359.4798	377.2425	347.0313	122.5994	1.68204
3032	54.5273	371.1105	378.1591	347.349	122.5994	1.68156
3033	54.5443	381.1412	378.3712	347.6667	122.5994	1.68108
3034	54.5613	376.2576	377.2574	347.9844	122.5994	1.68059
3035	54.5783	357.6671	374.6747	348.3021	122.5994	1.68011
3036	54.5953	364.0991	371.5551	348.6198	122.5994	1.67963

3037	54.6123	354.6253	369.0771	348.9375	122.5994	1.67914
3038	54.6293	352.0957	367.2816	349.2552	122.5994	1.67866
3039	54.6463	339.52	366.4052	349.5729	122.5994	1.67818
3040	54.6633	343.5155	366.3535	349.8906	122.5994	1.6777
3041	54.6803	357.2576	367.0839	350.2083	122.5994	1.67722
3042	54.6973	353.9349	368.4854	350.526	122.5994	1.67674
3043	54.7143	348.0484	370.5515	350.8438	122.5994	1.67625
3044	54.7313	377.2742	373.48	351.1615	122.5994	1.67577
3045	54.7483	404.0837	377.5703	351.4792	122.5994	1.67529
3046	54.7653	383.9007	382.9783	351.7969	122.5994	1.67481
3047	54.7823	382.9823	390.2895	352.1146	122.5994	1.67433
3048	54.7993	396.5512	400.2964	352.4323	122.5994	1.67386
3049	54.8163	414.1291	414.42	352.75	122.5994	1.67338
3050	54.8333	444.6853	435.428	352.6979	122.5994	1.6729
3051	54.8503	468.7102	468.1815	352.6458	122.5994	1.67242
3052	54.8673	543.4009	516.3861	352.5938	122.5994	1.67194
3053	54.8843	574.4772	578.8629	352.5417	122.5994	1.67146
3054	54.9013	639.7943	643.8632	352.4896	122.5994	1.67099
3055	54.9183	763.3599	684.6174	352.4375	122.5994	1.67051
3056	54.9353	748.1741	675.2095	352.3854	122.5994	1.67003
3057	54.9523	669.7301	625.6946	352.3333	122.5994	1.66956
3058	54.9693	545.5548	567.8552	352.2813	122.5994	1.66908
3059	54.9863	508.0383	523.9586	352.2292	122.5994	1.6686
3060	55.0033	480.9402	503.1652	352.1771	122.5994	1.66813
3061	55.0203	464.2857	505.7054	352.125	122.5994	1.66765
3062	55.0373	496.3466	524.7443	352.0729	122.5994	1.66718
3063	55.0543	529.8306	546.6534	352.0208	122.5994	1.6667
3064	55.0713	563.2459	552.6888	351.9688	122.5994	1.66623
3065	55.0883	553.3767	532.7479	351.9167	122.5994	1.66576
3066	55.1053	483.3824	497.1541	351.8646	122.5994	1.66528
3067	55.1223	430.1393	461.0989	351.8125	122.5994	1.66481
3068	55.1393	396.2805	432.5404	351.7604	122.5994	1.66434
3069	55.1563	407.4838	413.5133	351.7083	122.5994	1.66386
3070	55.1733	364.5213	402.649	351.6563	122.5994	1.66339
3071	55.1903	357.8866	397.1416	351.6042	122.5994	1.66292
3072	55.2073	368.6046	394.0867	351.5521	122.5994	1.66245
3073	55.2243	366.8301	391.9245	351.5	122.5994	1.66197
3074	55.2413	355.6696	389.8763	351.0208	122.5994	1.6615
3075	55.2583	402.8157	388.7801	350.5417	122.5994	1.66103
3076	55.2753	420.306	389.9155	350.0625	122.5994	1.66056
3077	55.2923	431.1326	393.8748	349.5833	122.5994	1.66009
3078	55.3093	476.99	402.9324	349.1042	122.5994	1.65962
3079	55.3263	463.5927	418.6369	348.625	122.5994	1.65915
3080	55.3433	455.8796	440.4782	348.1458	122.5994	1.65868
3081	55.3603	482.7345	464.0209	347.6667	122.5994	1.65821
3082	55.3773	540.9058	478.9861	347.1875	122.5994	1.65774
3083	55.3943	509.0441	474.7573	346.7083	122.5994	1.65728
3084	55.4113	422.9439	454.4141	346.2292	122.5994	1.65681
3085	55.4283	407.4475	430.562	345.75	122.5994	1.65634

3086	55.4453	404.0097	411.6887	345.2708	122.5994	1.65587
3087	55.4623	409.5593	401.7023	344.7917	122.5994	1.65541
3088	55.4793	376.8733	400.8594	344.3125	122.5994	1.65494
3089	55.4963	393.3194	406.857	343.8333	122.5994	1.65447
3090	55.5133	403.7827	415.193	343.3542	122.5994	1.65401
3091	55.5303	432.2256	419.0471	342.875	122.5994	1.65354
3092	55.5473	422.6024	413.3586	342.3958	122.5994	1.65307
3093	55.5643	405.0443	400.8042	341.9167	122.5994	1.65261
3094	55.5813	398.2192	387.29	341.4375	122.5994	1.65214
3095	55.5983	350.2216	376.43	340.9583	122.5994	1.65168
3096	55.6153	329.7306	369.3727	340.4792	122.5994	1.65121
3097	55.6323	338.0496	365.9415	340	122.5994	1.65075
3098	55.6493	354.1403	365.9601	339.8958	122.5994	1.65028
3099	55.6663	356.077	368.3967	339.7917	122.5994	1.64982
3100	55.6833	387.7417	372.2951	339.6875	122.5994	1.64936
3101	55.7003	392.821	375.7898	339.5833	122.5994	1.64889
3102	55.7173	388.1417	375.5532	339.4792	122.5994	1.64843
3103	55.7343	379.332	372.3351	339.375	122.5994	1.64797
3104	55.7513	385.3849	367.3411	339.2708	122.5994	1.64751
3105	55.7683	366.7456	362.7534	339.1667	122.5994	1.64704
3106	55.7853	367.1381	359.8028	339.0625	122.5994	1.64658
3107	55.8023	375.0937	359.0339	338.9583	122.5994	1.64612
3108	55.8193	360.0268	360.3488	338.8542	122.5994	1.64566
3109	55.8363	401.6155	363.2306	338.75	122.5994	1.6452
3110	55.8533	386.6499	366.2865	338.6458	122.5994	1.64474
3111	55.8703	366.4916	369.1267	338.5417	122.5994	1.64428
3112	55.8873	386.5921	371.1064	338.4375	122.5994	1.64382
3113	55.9043	365.737	373.0085	338.3333	122.5994	1.64336
3114	55.9213	339.1275	375.2449	338.2292	122.5994	1.6429
3115	55.9383	346.0674	377.9481	338.125	122.5994	1.64244
3116	55.9553	380.0334	381.2407	338.0208	122.5994	1.64198
3117	55.9723	372.9751	385.5246	337.9167	122.5994	1.64152
3118	55.9893	384.4717	390.9157	337.8125	122.5994	1.64107
3119	56.0063	386.3471	397.0861	337.7083	122.5994	1.64061
3120	56.0233	362.6368	403.2797	337.6042	122.5994	1.64015
3121	56.0403	322.0161	408.4372	337.5	122.5994	1.63969
3122	56.0573	373.3871	411.4035	337.3958	122.5994	1.63924
3123	56.0743	340.0591	411.3718	337.2917	122.5994	1.63878
3124	56.0913	365.5228	409.09	337.1875	122.5994	1.63832
3125	56.1083	362.1646	405.178	337.0833	122.5994	1.63787
3126	56.1253	345.6964	400.8392	336.9792	122.5994	1.63741
3127	56.1423	366.7029	396.9248	336.875	122.5994	1.63696
3128	56.1593	359.8989	393.7842	336.7708	122.5994	1.6365
3129	56.1763	362.9747	391.3238	336.6667	122.5994	1.63605
3130	56.1933	373.9053	389.1265	336.5625	122.5994	1.63559
3131	56.2103	359.4767	386.5118	336.4583	122.5994	1.63514
3132	56.2273	347.794	383.561	336.3542	122.5994	1.63468
3133	56.2443	352.8	379.7726	336.25	122.5994	1.63423
3134	56.2613	358.4885	374.9252	336.1458	122.5994	1.63378

3135	56.2783	376.3239	369.4153	336.0417	122.5994	1.63332
3136	56.2953	352.5814	364.0976	335.9375	122.5994	1.63287
3137	56.3123	318.9549	359.5781	335.8333	122.5994	1.63242
3138	56.3293	322.1724	356.1033	335.7292	122.5994	1.63196
3139	56.3463	350.6636	353.7089	335.625	122.5994	1.63151
3140	56.3633	342.5804	352.2923	335.5208	122.5994	1.63106
3141	56.3803	338.9093	351.5552	335.4167	122.5994	1.63061
3142	56.3973	355.6837	351.2599	335.3125	122.5994	1.63016
3143	56.4143	352.6331	350.7094	335.2083	122.5994	1.62971
3144	56.4313	345.0812	349.6869	335.1042	122.5994	1.62926
3145	56.4483	351.8985	348.5471	335	122.5994	1.62881
3146	56.4653	344.7846	347.3986	334.5833	122.5994	1.62836
3147	56.4823	356.6457	346.7128	334.1667	122.5994	1.62791
3148	56.4993	362.0637	346.4457	333.75	122.5994	1.62746
3149	56.5163	336.5637	346.4412	333.3333	122.5994	1.62701
3150	56.5333	355.6537	346.441	332.9167	122.5994	1.62656
3151	56.5503	373.8255	346.3777	332.5	122.5994	1.62611
3152	56.5673	367.1096	346.0339	332.0833	122.5994	1.62566
3153	56.5843	334.376	345.5533	331.6667	122.5994	1.62521
3154	56.6013	352.4676	344.729	331.25	122.5994	1.62477
3155	56.6183	328.5398	343.9377	330.8333	122.5994	1.62432
3156	56.6353	327.2341	343.3405	330.4167	122.5994	1.62387
3157	56.6523	340.8327	342.8322	330	122.5994	1.62342
3158	56.6693	342.2956	342.4074	329.5833	122.5994	1.62298
3159	56.6863	349.2733	341.9525	329.1667	122.5994	1.62253
3160	56.7033	324.7416	341.3452	328.75	122.5994	1.62209
3161	56.7203	292.7224	340.51	328.3333	122.5994	1.62164
3162	56.7373	331.476	339.4281	327.9167	122.5994	1.62119
3163	56.7543	345.1703	338.2175	327.5	122.5994	1.62075
3164	56.7713	323.4424	336.9586	327.0833	122.5994	1.6203
3165	56.7883	312.7142	335.826	326.6667	122.5994	1.61986
3166	56.8053	310.1496	334.7236	326.25	122.5994	1.61941
3167	56.8223	343.7933	333.7511	325.8333	122.5994	1.61897
3168	56.8393	327.5786	332.8938	325.4167	122.5994	1.61853
3169	56.8563	325.891	331.6964	325	122.5994	1.61808
3170	56.8733	316.1526	331.1268	324.75	122.5994	1.61764
3171	56.8903	313.2599	330.6078	324.5	122.5994	1.6172
3172	56.9073	311.7256	330.0612	324.25	122.5994	1.61675
3173	56.9243	310.6505	329.5703	324	122.5994	1.61631
3174	56.9413	323.0695	329.1172	323.75	122.5994	1.61587
3175	56.9583	317.2626	328.6985	323.5	122.5994	1.61543
3176	56.9753	314.2768	328.3064	323.25	122.5994	1.61499
3177	56.9923	328.8569	327.9405	323	122.5994	1.61454
3178	57.0093	333.3277	327.3986	322.75	122.5994	1.6141
3179	57.0263	322.6834	327.1499	322.5	122.5994	1.61366
3180	57.0433	329.1197	327.037	322.25	122.5994	1.61322
3181	57.0603	340.739	327.0168	322	122.5994	1.61278
3182	57.0773	318.0706	327.2002	321.75	122.5994	1.61234
3183	57.0943	302.0847	327.678	321.5	122.5994	1.6119

3184	57.1113	303.177	328.6466	321.25	122.5994	1.61146
3185	57.1283	292.382	330.4331	321	122.5994	1.61102
3186	57.1453	314.9384	333.4931	320.75	122.5994	1.61058
3187	57.1623	307.7129	338.2381	320.5	122.5994	1.61015
3188	57.1793	289.5409	344.8027	320.25	122.5994	1.60971
3189	57.1963	309.0112	352.6903	320	122.5994	1.60927
3190	57.2133	311.6663	360.3552	319.75	122.5994	1.60883
3191	57.2303	308.5266	366.5628	319.5	122.5994	1.60839
3192	57.2473	328.692	371.7856	319.25	122.5994	1.60796
3193	57.2643	316.633	375.481	319	122.5994	1.60752
3194	57.2813	298.9184	374.7483	318.9167	122.5994	1.60708
3195	57.2983	351.3059	368.3671	318.8333	122.5994	1.60665
3196	57.3153	328.378	360.0791	318.75	122.5994	1.60621
3197	57.3323	310.5561	353.6611	318.6667	122.5994	1.60578
3198	57.3493	335.3905	350.5298	318.5833	122.5994	1.60534
3199	57.3663	333.3098	349.9931	318.5	122.5994	1.6049
3200	57.3833	322.288	350.6666	318.4167	122.5994	1.60447
3201	57.4003	308.3136	351.8904	318.3333	122.5994	1.60403
3202	57.4173	318.5896	352.9779	318.25	122.5994	1.6036
3203	57.4343	333.4147	351.9996	318.1667	122.5994	1.60317
3204	57.4513	328.1852	347.8742	318.0833	122.5994	1.60273
3205	57.4683	351.8882	342.0764	318	122.5994	1.6023
3206	57.4853	321.7088	336.5525	317.9167	122.5994	1.60186
3207	57.5023	323.9756	332.2515	317.8333	122.5994	1.60143
3208	57.5193	331.1704	329.2805	317.75	122.5994	1.601
3209	57.5363	318.2332	327.5	317.6667	122.5994	1.60057
3210	57.5533	370.0744	326.5476	317.5833	122.5994	1.60013
3211	57.5703	319.7355	326.192	317.5	122.5994	1.5997
3212	57.5873	311.961	326.2448	317.4167	122.5994	1.59927
3213	57.6043	329.8014	326.6768	317.3333	122.5994	1.59884
3214	57.6213	293.6528	327.4209	317.25	122.5994	1.59841
3215	57.6383	329.6394	328.3143	317.1667	122.5994	1.59798
3216	57.6553	357.7686	329.0036	317.0833	122.5994	1.59755
3217	57.6723	338.6342	329.1231	317	122.5994	1.59711
3218	57.6893	327.2169	328.4847	316.9167	122.5994	1.59668
3219	57.7063	339.4109	327.3247	316.8333	122.5994	1.59625
3220	57.7233	337.4573	326.2961	316.75	122.5994	1.59582
3221	57.7403	331.2997	325.896	316.6667	122.5994	1.5954
3222	57.7573	346.2742	326.3367	316.5833	122.5994	1.59497
3223	57.7743	329.2297	327.5454	316.5	122.5994	1.59454
3224	57.7913	321.0029	329.1748	316.4167	122.5994	1.59411
3225	57.8083	325.1208	330.468	316.3333	122.5994	1.59368
3226	57.8253	304.07	330.8448	316.25	122.5994	1.59325
3227	57.8423	321.2409	330.44	316.1667	122.5994	1.59282
3228	57.8593	326.0902	329.7771	316.0833	122.5994	1.5924
3229	57.8763	312.7378	329.3246	316	122.5994	1.59197
3230	57.8933	300.9822	329.2002	315.9167	122.5994	1.59154
3231	57.9103	315.096	329.2369	315.8333	122.5994	1.59112
3232	57.9273	325.705	329.2838	315.75	122.5994	1.59069

3233	57.9443	322.1022	329.351	315.6667	122.5994	1.59026
3234	57.9613	332.655	329.1072	315.5833	122.5994	1.58984
3235	57.9783	317.2188	328.5068	315.5	122.5994	1.58941
3236	57.9953	309.8816	327.7698	315.4167	122.5994	1.58899
3237	58.0123	303.7195	327.1871	315.3333	122.5994	1.58856
3238	58.0293	309.4242	327.4073	315.25	122.5994	1.58814
3239	58.0463	305.0575	328.4312	315.1667	122.5994	1.58771
3240	58.0633	304.1412	330.2021	315.0833	122.5994	1.58729
3241	58.0803	331.8781	332.4186	315	122.5994	1.58686
3242	58.0973	315.8588	333.9096	314.4167	122.5994	1.58644
3243	58.1143	303.583	334.4718	313.8333	122.5994	1.58602
3244	58.1313	300.0341	333.8455	313.25	122.5994	1.58559
3245	58.1483	307.6938	332.0461	312.6667	122.5994	1.58517
3246	58.1653	324.372	329.0173	312.0833	122.5994	1.58475
3247	58.1823	286.6355	325.7039	311.5	122.5994	1.58432
3248	58.1993	349.7518	323.0398	310.9167	122.5994	1.5839
3249	58.2163	300.3469	321.4012	310.3333	122.5994	1.58348
3250	58.2333	317.7613	320.916	309.75	122.5994	1.58306
3251	58.2503	291.2362	321.0966	309.1667	122.5994	1.58264
3252	58.2673	276.2776	321.3344	308.5833	122.5994	1.58221
3253	58.2843	322.5638	321.3282	308	122.5994	1.58179
3254	58.3013	292.6887	321.1654	307.4167	122.5994	1.58137
3255	58.3183	323.8204	320.8731	306.8333	122.5994	1.58095
3256	58.3353	311.874	320.8614	306.25	122.5994	1.58053
3257	58.3523	273.3718	321.5096	305.6667	122.5994	1.58011
3258	58.3693	294.0899	322.6257	305.0833	122.5994	1.57969
3259	58.3863	312.5559	323.7035	304.5	122.5994	1.57927
3260	58.4033	304.6071	324.3869	303.9167	122.5994	1.57885
3261	58.4203	294.8644	324.2138	303.3333	122.5994	1.57843
3262	58.4373	312.0728	322.4177	302.75	122.5994	1.57802
3263	58.4543	318.1627	319.3272	302.1667	122.5994	1.5776
3264	58.4713	290.9705	316.315	301.5833	122.5994	1.57718
3265	58.4883	294.4478	314.2933	301	122.5994	1.57676
3266	58.5053	316.0512	315.1459	301.8958	122.5994	1.57634
3267	58.5223	286.0021	317.2514	302.7917	122.5994	1.57593
3268	58.5393	277.9041	320.2456	303.6875	122.5994	1.57551
3269	58.5563	298.1741	323.7928	304.5833	122.5994	1.57509
3270	58.5733	292.4342	327.6295	305.4792	122.5994	1.57468
3271	58.5903	291.7257	331.4261	306.375	122.5994	1.57426
3272	58.6073	304.126	335.3651	307.2708	122.5994	1.57384
3273	58.6243	306.2206	339.9768	308.1667	122.5994	1.57343
3274	58.6413	304.7454	344.8318	309.0625	122.5994	1.57301
3275	58.6583	315.4552	347.646	309.9583	122.5994	1.5726
3276	58.6753	319.5689	346.6095	310.8542	122.5994	1.57218
3277	58.6923	331.1293	342.5818	311.75	122.5994	1.57177
3278	58.7093	349.5636	338.0068	312.6458	122.5994	1.57135
3279	58.7263	346.2424	334.8396	313.5417	122.5994	1.57094
3280	58.7433	351.7261	333.8112	314.4375	122.5994	1.57052
3281	58.7603	366.5466	334.7713	315.3333	122.5994	1.57011

3282	58.7773	338.8854	336.9639	316.2292	122.5994	1.5697
3283	58.7943	306.7694	339.4636	317.125	122.5994	1.56928
3284	58.8113	305.0271	341.3607	318.0208	122.5994	1.56887
3285	58.8283	310.8632	341.5269	318.9167	122.5994	1.56846
3286	58.8453	313.2599	339.9702	319.8125	122.5994	1.56804
3287	58.8623	318.3338	337.7069	320.7083	122.5994	1.56763
3288	58.8793	360.8843	335.8256	321.6042	122.5994	1.56722
3289	58.8963	342.7687	334.825	322.5	122.5994	1.56681
3290	58.9133	325.655	334.2685	322.9063	122.5994	1.5664
3291	58.9303	353.224	334.2475	323.3125	122.5994	1.56599
3292	58.9473	319.4563	334.3706	323.7188	122.5994	1.56557
3293	58.9643	312.6655	334.5693	324.125	122.5994	1.56516
3294	58.9813	304.348	334.8668	324.5313	122.5994	1.56475
3295	58.9983	343.775	335.2259	324.9375	122.5994	1.56434
3296	59.0153	339.7616	335.5858	325.3438	122.5994	1.56393
3297	59.0323	315.3385	335.9852	325.75	122.5994	1.56352
3298	59.0493	326.7075	336.4691	326.1563	122.5994	1.56311
3299	59.0663	320.7365	336.8422	326.5625	122.5994	1.5627
3300	59.0833	306.4721	336.986	326.9688	122.5994	1.56229
3301	59.1003	338.5005	337.2039	327.375	122.5994	1.56189
3302	59.1173	331.5632	337.9468	327.7813	122.5994	1.56148
3303	59.1343	341.0289	339.5575	328.1875	122.5994	1.56107
3304	59.1513	319.0495	342.1124	328.5938	122.5994	1.56066
3305	59.1683	347.7531	345.4882	329	122.5994	1.56025
3306	59.1853	329.2073	349.1659	329.4063	122.5994	1.55984
3307	59.2023	340.3499	352.1468	329.8125	122.5994	1.55944
3308	59.2193	331.5648	353.2383	330.2188	122.5994	1.55903
3309	59.2363	349.5046	352.4412	330.625	122.5994	1.55862
3310	59.2533	332.0046	350.7805	331.0313	122.5994	1.55822
3311	59.2703	331.6894	351.4229	331.4375	122.5994	1.55781
3312	59.2873	328.3953	350.5721	331.8438	122.5994	1.5574
3313	59.3043	353.4061	350.4931	332.25	122.5994	1.557
3314	59.3213	353.4871	350.7862	332.2656	122.5994	1.55659
3315	59.3383	345.5291	351.5841	332.2813	122.5994	1.55619
3316	59.3553	337.2393	352.3005	332.2969	122.5994	1.55578
3317	59.3723	343.2078	352.2071	332.3125	122.5994	1.55538
3318	59.3893	330.3313	351.1042	332.3281	122.5994	1.55497
3319	59.4063	347.6676	349.6771	332.3438	122.5994	1.55457
3320	59.4233	331.0404	349.5367	332.3594	122.5994	1.55416
3321	59.4403	308.2961	348.908	332.375	122.5994	1.55376
3322	59.4573	316.7785	348.9767	332.3906	122.5994	1.55336
3323	59.4743	342.397	349.8257	332.4063	122.5994	1.55295
3324	59.4913	347.905	351.4012	332.4219	122.5994	1.55255
3325	59.5083	334.334	353.3836	332.4375	122.5994	1.55215
3326	59.5253	319.1336	355.026	332.4531	122.5994	1.55174
3327	59.5423	326.0019	355.6467	332.4688	122.5994	1.55134
3328	59.5593	329.7005	355.1909	332.4844	122.5994	1.55094
3329	59.5763	316.1348	354.4329	332.5	122.5994	1.55054
3330	59.5933	328.8155	353.9753	332.5156	122.5994	1.55014

3331	59.6103	332.7901	353.8757	332.5313	122.5994	1.54973
3332	59.6273	344.9029	354.0038	332.5469	122.5994	1.54933
3333	59.6443	366.6765	354.3088	332.5625	122.5994	1.54893
3334	59.6613	353.5178	354.9494	332.5781	122.5994	1.54853
3335	59.6783	329.7819	355.9568	332.5938	122.5994	1.54813
3336	59.6953	321.3261	357.0703	332.6094	122.5994	1.54773
3337	59.7123	340.264	358.0439	332.625	122.5994	1.54733
3338	59.7293	358.0368	358.9517	332.6406	122.5994	1.54693
3339	59.7463	373.5811	360.288	332.6563	122.5994	1.54653
3340	59.7633	341.3748	362.2184	332.6719	122.5994	1.54613
3341	59.7803	360.7977	364.7918	332.6875	122.5994	1.54573
3342	59.7973	316.0103	368.0441	332.7031	122.5994	1.54533
3343	59.8143	356.3003	372.209	332.7188	122.5994	1.54494
3344	59.8313	360.9654	377.7484	332.7344	122.5994	1.54454
3345	59.8483	386.7984	385.704	332.75	122.5994	1.54414
3346	59.8653	399.6289	396.825	332.7656	122.5994	1.54374
3347	59.8823	461.7999	414.375	332.7813	122.5994	1.54334
3348	59.8993	497.3762	444.7259	332.7969	122.5994	1.54295
3349	59.9163	510.298	498.8372	332.8125	122.5994	1.54255
3350	59.9333	621.5918	591.542	332.8281	122.5994	1.54215
3351	59.9503	740.1495	735.5695	332.8438	122.5994	1.54176
3352	59.9673	885.2611	929.5555	332.8594	122.5994	1.54136
3353	59.9843	1027.88	1141.552	332.875	122.5994	1.54096
3354	60.0013	1108.182	1290.791	332.8906	122.5994	1.54057
3355	60.0183	1126.985	1282.828	332.9063	122.5994	1.54017
3356	60.0353	1012.995	1127.766	332.9219	122.5994	1.53978
3357	60.0523	821.1809	927.3355	332.9375	122.5994	1.53938
3358	60.0693	678.7165	759.1168	332.9531	122.5994	1.53899
3359	60.0863	610.3581	655.9984	332.9688	122.5994	1.53859
3360	60.1033	626.4814	624.1492	332.9844	122.5994	1.5382
3361	60.1203	614.2454	654.853	333	122.5994	1.5378
3362	60.1373	685.743	728.6214	332.625	122.5994	1.53741
3363	60.1543	734.9073	812.3473	332.25	122.5994	1.53701
3364	60.1713	745.7572	853.1702	331.875	122.5994	1.53662
3365	60.1883	707.4921	811.8796	331.5	122.5994	1.53623
3366	60.2053	656.6578	712.7739	331.125	122.5994	1.53583
3367	60.2223	530.5133	604.9725	330.75	122.5994	1.53544
3368	60.2393	450.9804	516.6511	330.375	122.5994	1.53505
3369	60.2563	412.1895	455.3904	330	122.5994	1.53466
3370	60.2733	387.9706	417.8527	329.625	122.5994	1.53426
3371	60.2903	386.0805	396.5954	329.25	122.5994	1.53387
3372	60.3073	382.291	384.6423	328.875	122.5994	1.53348
3373	60.3243	371.4044	377.0591	328.5	122.5994	1.53309
3374	60.3413	360.9654	371.1283	328.125	122.5994	1.5327
3375	60.3583	374.8524	366.1381	327.75	122.5994	1.53231
3376	60.3753	340.3638	362.2945	327.375	122.5994	1.53192
3377	60.3923	331.7619	359.7824	327	122.5994	1.53153
3378	60.4093	380.4412	358.7941	326.625	122.5994	1.53113
3379	60.4263	360.579	359.155	326.25	122.5994	1.53074

3380	60.4433	321.9194	360.482	325.875	122.5994	1.53035
3381	60.4603	328.9204	362.1796	325.5	122.5994	1.52997
3382	60.4773	351.5184	363.4073	325.125	122.5994	1.52958
3383	60.4943	371.9665	363.5728	324.75	122.5994	1.52919
3384	60.5113	329.3322	363.3573	324.375	122.5994	1.5288
3385	60.5283	299.8479	364.0587	324	122.5994	1.52841
3386	60.5453	310.3401	367.379	324.4479	122.5994	1.52802
3387	60.5623	347.6291	372.4654	324.8958	122.5994	1.52763
3388	60.5793	363.3622	378.9472	325.3438	122.5994	1.52724
3389	60.5963	331.404	385.9253	325.7917	122.5994	1.52686
3390	60.6133	351.3842	392.1852	326.2396	122.5994	1.52647
3391	60.6303	353.4061	396.977	326.6875	122.5994	1.52608
3392	60.6473	332.1354	400.4058	327.1354	122.5994	1.52569
3393	60.6643	313.5596	402.841	327.5833	122.5994	1.52531
3394	60.6813	342.4767	404.0857	328.0313	122.5994	1.52492
3395	60.6983	379.1219	402.6168	328.4792	122.5994	1.52453
3396	60.7153	339.1375	395.325	328.9271	122.5994	1.52415
3397	60.7323	349.9162	388.8483	329.375	122.5994	1.52376
3398	60.7493	355.5706	383.0724	329.8229	122.5994	1.52338
3399	60.7663	372.078	378.8022	330.2708	122.5994	1.52299
3400	60.7833	345.6802	375.8546	330.7188	122.5994	1.52261
3401	60.8003	392.0923	373.9496	331.1667	122.5994	1.52222
3402	60.8173	382.5464	372.9609	331.6146	122.5994	1.52184
3403	60.8343	351.5946	372.5785	332.0625	122.5994	1.52145
3404	60.8513	396.1939	371.9571	332.5104	122.5994	1.52107
3405	60.8683	364.1121	368.4689	332.9583	122.5994	1.52068
3406	60.8853	351.6339	364.3412	333.4063	122.5994	1.5203
3407	60.9023	363.7277	359.3716	333.8542	122.5994	1.51992
3408	60.9193	375.5757	354.743	334.3021	122.5994	1.51953
3409	60.9363	354.9779	350.9536	334.75	122.5994	1.51915
3410	60.9533	338.7991	347.825	334.8542	122.5994	1.51877
3411	60.9703	347.3088	345.6474	334.9583	122.5994	1.51838
3412	60.9873	351.1262	344.23	335.0625	122.5994	1.518
3413	61.0043	344.3055	343.3238	335.1667	122.5994	1.51762
3414	61.0213	335.9976	342.7932	335.2708	122.5994	1.51724
3415	61.0383	350.8579	342.5926	335.375	122.5994	1.51685
3416	61.0553	352.0015	342.5987	335.4792	122.5994	1.51647
3417	61.0723	346.0136	342.5637	335.5833	122.5994	1.51609
3418	61.0893	373.7959	342.7408	335.6875	122.5994	1.51571
3419	61.1063	383.2109	343.2179	335.7917	122.5994	1.51533
3420	61.1233	347.2177	344.0559	335.8958	122.5994	1.51495
3421	61.1403	353.8619	345.214	336	122.5994	1.51457
3422	61.1573	370.2016	346.4348	336.1042	122.5994	1.51419
3423	61.1743	363.8013	347.2502	336.2083	122.5994	1.51381
3424	61.1913	348.7755	347.582	336.3125	122.5994	1.51343
3425	61.2083	330.0357	347.817	336.4167	122.5994	1.51305
3426	61.2253	311.6647	348.2504	336.5208	122.5994	1.51267
3427	61.2423	340.0243	349.1206	336.625	122.5994	1.51229
3428	61.2593	367.4319	350.6768	336.7292	122.5994	1.51191

3429	61.2763	372.5397	353.0217	336.8333	122.5994	1.51153
3430	61.2933	351.7785	356.1697	336.9375	122.5994	1.51115
3431	61.3103	340.0012	360.1381	337.0417	122.5994	1.51078
3432	61.3273	350.8425	364.6118	337.1458	122.5994	1.5104
3433	61.3443	392.6946	368.9055	337.25	122.5994	1.51002
3434	61.3613	340.5433	371.8771	337.0339	122.5994	1.50964
3435	61.3783	371.2249	373.5373	336.8177	122.5994	1.50926
3436	61.3953	358.9297	373.4196	336.6016	122.5994	1.50889
3437	61.4123	343.3453	371.0423	336.3854	122.5994	1.50851
3438	61.4293	345.7468	367.2375	336.1693	122.5994	1.50813
3439	61.4463	353.2844	364.2993	335.9531	122.5994	1.50776
3440	61.4633	353.4061	362.6584	335.737	122.5994	1.50738
3441	61.4803	357.0554	361.775	335.5208	122.5994	1.50701
3442	61.4973	350.6547	361.0533	335.3047	122.5994	1.50663
3443	61.5143	377.8068	360.4732	335.0885	122.5994	1.50625
3444	61.5313	397.4372	360.0522	334.8724	122.5994	1.50588
3445	61.5483	371.4849	359.7609	334.6563	122.5994	1.5055
3446	61.5653	396.9606	359.3691	334.4401	122.5994	1.50513
3447	61.5823	403.9712	358.7188	334.224	122.5994	1.50475
3448	61.5993	404.0639	358.4351	334.0078	122.5994	1.50438
3449	61.6163	401.7202	359.8733	333.7917	122.5994	1.504
3450	61.6333	392.9248	363.1743	333.5755	122.5994	1.50363
3451	61.6503	403.4791	367.6032	333.3594	122.5994	1.50326
3452	61.6673	427.5031	371.7411	333.1432	122.5994	1.50288
3453	61.6843	417.6398	374.2564	332.9271	122.5994	1.50251
3454	61.7013	382.8896	375.7032	332.7109	122.5994	1.50214
3455	61.7183	358.0924	377.6234	332.4948	122.5994	1.50176
3456	61.7353	385.381	380.3945	332.2786	122.5994	1.50139
3457	61.7523	379.5843	383.2737	332.0625	122.5994	1.50102
3458	61.7693	398.1105	386.0749	331.8464	122.5994	1.50065
3459	61.7863	396.8837	389.3408	331.6302	122.5994	1.50027
3460	61.8033	381.8746	393.0779	331.4141	122.5994	1.4999
3461	61.8203	380.6424	396.5414	331.1979	122.5994	1.49953
3462	61.8373	387.4713	398.6525	330.9818	122.5994	1.49916
3463	61.8543	375.344	398.6143	330.7656	122.5994	1.49879
3464	61.8713	357.4625	396.8642	330.5495	122.5994	1.49842
3465	61.8883	370.9241	394.4756	330.3333	122.5994	1.49805
3466	61.9053	391.6367	391.8731	330.1172	122.5994	1.49768
3467	61.9223	390.3909	388.7517	329.901	122.5994	1.49731
3468	61.9393	361.9729	385.0396	329.6849	122.5994	1.49694
3469	61.9563	349.7366	381.1916	329.4688	122.5994	1.49657
3470	61.9733	359.3325	377.3151	329.2526	122.5994	1.4962
3471	61.9903	357.3363	373.4315	329.0365	122.5994	1.49583
3472	62.0073	340.7361	369.6239	328.8203	122.5994	1.49546
3473	62.0243	386.3876	365.9644	328.6042	122.5994	1.49509
3474	62.0413	368.4499	362.4869	328.388	122.5994	1.49472
3475	62.0583	359.0573	359.2654	328.1719	122.5994	1.49435
3476	62.0753	363.9786	356.329	327.9557	122.5994	1.49398
3477	62.0923	358.7666	353.6794	327.7396	122.5994	1.49361

3478	62.1093	357.1757	351.2902	327.5234	122.5994	1.49325
3479	62.1263	341.7101	349.0959	327.3073	122.5994	1.49288
3480	62.1433	338.5275	347.3224	327.0911	122.5994	1.49251
3481	62.1603	358.2787	345.7065	326.875	122.5994	1.49214
3482	62.1773	318.1151	343.8778	326.3385	122.5994	1.49178
3483	62.1943	294.1266	342.1142	325.8021	122.5994	1.49141
3484	62.2113	353.3723	340.434	325.2656	122.5994	1.49104
3485	62.2283	346.3462	338.9207	324.7292	122.5994	1.49068
3486	62.2453	313.8497	337.5374	324.1927	122.5994	1.49031
3487	62.2623	361.004	336.0332	323.6562	122.5994	1.48994
3488	62.2793	352.8011	334.444	323.1198	122.5994	1.48958
3489	62.2963	331.3859	332.9945	322.5833	122.5994	1.48921
3490	62.3133	333.1674	331.8515	322.0469	122.5994	1.48885
3491	62.3303	309.4083	330.9954	321.5104	122.5994	1.48848
3492	62.3473	308.7129	330.2421	320.974	122.5994	1.48812
3493	62.3643	327.0919	329.4401	320.4375	122.5994	1.48775
3494	62.3813	325.176	328.4994	319.901	122.5994	1.48739
3495	62.3983	331.8575	327.4706	319.3646	122.5994	1.48702
3496	62.4153	335.5893	326.4155	318.8281	122.5994	1.48666
3497	62.4323	332.2417	325.2258	318.2917	122.5994	1.48629
3498	62.4493	304.6986	324.0102	317.7552	122.5994	1.48593
3499	62.4663	301.1546	322.8349	317.2187	122.5994	1.48557
3500	62.4833	320.7912	321.8951	316.6823	122.5994	1.4852
3501	62.5003	307.6359	321.2237	316.1458	122.5994	1.48484
3502	62.5173	345.0864	320.8428	315.6094	122.5994	1.48448
3503	62.5343	317.8877	320.7646	315.0729	122.5994	1.48411
3504	62.5513	315.9774	320.8744	314.5365	122.5994	1.48375
3505	62.5683	312.079	321.0848	314	122.5994	1.48339
3506	62.5853	308.0874	321.2198	313.5	122.5994	1.48303
3507	62.6023	311.1694	321.0643	313	122.5994	1.48267
3508	62.6193	297.6829	320.5298	312.5	122.5994	1.4823
3509	62.6363	289.3631	319.7553	312	122.5994	1.48194
3510	62.6533	283.8998	318.9806	311.5	122.5994	1.48158
3511	62.6703	307.581	318.1169	311	122.5994	1.48122
3512	62.6873	321.7236	317.3026	310.5	122.5994	1.48086
3513	62.7043	316.8822	316.6578	310	122.5994	1.4805
3514	62.7213	310.5964	316.2412	309.5	122.5994	1.48014
3515	62.7383	321.4176	316.0003	309	122.5994	1.47978
3516	62.7553	304.6825	315.9571	308.5	122.5994	1.47942
3517	62.7723	284.5702	316.0562	308	122.5994	1.47906
3518	62.7893	289.1204	316.2732	307.5	122.5994	1.4787
3519	62.8063	304.4274	316.695	307	122.5994	1.47834
3520	62.8233	302.2371	317.2841	306.5	122.5994	1.47798
3521	62.8403	304.4617	317.6198	306	122.5994	1.47762
3522	62.8573	303.5726	317.2286	305.5	122.5994	1.47726
3523	62.8743	308.2632	315.9382	305	122.5994	1.4769
3524	62.8913	298.5689	314.1251	304.5	122.5994	1.47655
3525	62.9083	307.3422	312.3243	304	122.5994	1.47619
3526	62.9253	330.9625	310.8489	303.5	122.5994	1.47583

3527	62.9423	334.8579	309.8245	303	122.5994	1.47547
3528	62.9593	297.2139	309.2808	302.5	122.5994	1.47512
3529	62.9763	304.9678	309.0464	302	122.5994	1.47476
3530	62.9933	283.9367	308.8369	301.2917	122.5994	1.4744
3531	63.0103	305.0814	308.6125	300.5833	122.5994	1.47404
3532	63.0273	313.0767	308.0261	299.875	122.5994	1.47369
3533	63.0443	306.3233	306.9334	299.1667	122.5994	1.47333
3534	63.0613	299.8755	305.4572	298.4583	122.5994	1.47297
3535	63.0783	330.6539	303.8902	297.75	122.5994	1.47262
3536	63.0953	315.4128	302.4873	297.0417	122.5994	1.47226
3537	63.1123	294.9587	301.2718	296.3333	122.5994	1.47191
3538	63.1293	322.5024	300.3319	295.625	122.5994	1.47155
3539	63.1463	311.5761	299.6813	294.9167	122.5994	1.4712
3540	63.1633	317.8695	299.3259	294.2083	122.5994	1.47084
3541	63.1803	283.9832	299.2361	293.5	122.5994	1.47049
3542	63.1973	290.4585	299.2839	292.7917	122.5994	1.47013
3543	63.2143	286.6028	299.2652	292.0833	122.5994	1.46978
3544	63.2313	306.0003	298.9349	291.375	122.5994	1.46942
3545	63.2483	314.1238	298.2607	290.6667	122.5994	1.46907
3546	63.2653	309.2059	297.2941	289.9583	122.5994	1.46872
3547	63.2823	311.6027	296.2321	289.25	122.5994	1.46836
3548	63.2993	308.3452	295.1128	288.5417	122.5994	1.46801
3549	63.3163	320.3213	294.1678	287.8333	122.5994	1.46765
3550	63.3333	301.2219	293.8681	287.125	122.5994	1.4673
3551	63.3503	289.8457	293.4553	286.4167	122.5994	1.46695
3552	63.3673	281.5199	293.3618	285.7083	122.5994	1.4666
3553	63.3843	288.6675	293.6041	285	122.5994	1.46624
3554	63.4013	291.0118	295.0522	285.1479	122.5994	1.46589
3555	63.4183	281.7407	296.9537	285.2957	122.5994	1.46554
3556	63.4353	304.3621	299.3854	285.4436	122.5994	1.46519
3557	63.4523	327.9261	302.4411	285.5914	122.5994	1.46484
3558	63.4693	327.0184	306.0282	285.7393	122.5994	1.46449
3559	63.4863	308.9969	309.2467	285.8872	122.5994	1.46413
3560	63.5033	308.8712	310.6754	286.035	122.5994	1.46378
3561	63.5203	321.8226	309.586	286.1829	122.5994	1.46343
3562	63.5373	320.908	307.3241	286.3308	122.5994	1.46308
3563	63.5543	301.2222	305.2156	286.4786	122.5994	1.46273
3564	63.5713	292.382	303.7492	286.6265	122.5994	1.46238
3565	63.5883	287.7972	303.0332	286.7743	122.5994	1.46203
3566	63.6053	292.8	303.0259	286.9222	122.5994	1.46168
3567	63.6223	318.9813	303.6267	287.0701	122.5994	1.46133
3568	63.6393	341.315	304.7837	287.2179	122.5994	1.46098
3569	63.6563	318.0529	306.5322	287.3658	122.5994	1.46063
3570	63.6733	309.8013	308.4984	287.5136	122.5994	1.46028
3571	63.6903	327.195	310.3044	287.6615	122.5994	1.45994
3572	63.7073	310.4245	311.9643	287.8094	122.5994	1.45959
3573	63.7243	340.2179	313.4916	287.9572	122.5994	1.45924
3574	63.7413	326.6556	314.2656	288.1051	122.5994	1.45889
3575	63.7583	327.2893	313.2941	288.253	122.5994	1.45854

3576	63.7753	314.3952	310.6774	288.4008	122.5994	1.45819
3577	63.7923	337.1431	307.7886	288.5487	122.5994	1.45785
3578	63.8093	327.975	305.7473	288.5994	122.5994	1.4575
3579	63.8263	320.5592	305.3908	288.6501	122.5994	1.45715
3580	63.8433	309.9471	307.188	288.7008	122.5994	1.4568
3581	63.8603	342.2956	311.0395	288.7515	122.5994	1.45646
3582	63.8773	341.3094	316.1305	288.8022	122.5994	1.45611
3583	63.8943	324.5601	320.841	288.8528	122.5994	1.45576
3584	63.9113	329.5422	323.2802	288.9035	122.5994	1.45542
3585	63.9283	315.8041	322.6537	288.9542	122.5994	1.45507
3586	63.9453	340.4929	320.1434	289.0049	122.5994	1.45473
3587	63.9623	376.9358	317.946	289.0556	122.5994	1.45438
3588	63.9793	378.223	318.0971	289.1063	122.5994	1.45404
3589	63.9963	374.0888	322.3138	289.157	122.5994	1.45369
3590	64.0133	396.0628	332.3799	289.2077	122.5994	1.45335
3591	64.0303	402.9709	350.0594	289.2584	122.5994	1.453
3592	64.0473	419.8995	376.0301	289.3091	122.5994	1.45266
3593	64.0643	421.1737	407.9243	289.3598	122.5994	1.45231
3594	64.0813	456.3883	437.6404	289.4105	122.5994	1.45197
3595	64.0983	448.2669	450.8826	289.4612	122.5994	1.45162
3596	64.1153	410.4042	438.8451	289.5119	122.5994	1.45128
3597	64.1323	376.3104	411.0746	289.5626	122.5994	1.45094
3598	64.1493	363.1521	381.866	289.6133	122.5994	1.45059
3599	64.1663	360.7151	359.2561	289.664	122.5994	1.45025
3600	64.1833	338.9451	345.9998	289.7147	122.5994	1.44991
3601	64.2003	376.6882	342.2389	289.7654	122.5994	1.44956
3602	64.2173	383.2345	346.7486	289.8161	122.5994	1.44922
3603	64.2343	386.6766	357.5897	289.8668	122.5994	1.44888
3604	64.2513	393.448	371.216	289.9174	122.5994	1.44854
3605	64.2683	367.8745	381.0752	289.9681	122.5994	1.44819
3606	64.2853	340.1016	379.858	290.0188	122.5994	1.44785
3607	64.3023	334.77	367.5228	290.0695	122.5994	1.44751
3608	64.3193	353.7223	351.0759	290.1202	122.5994	1.44717
3609	64.3363	342.1156	335.9597	290.1709	122.5994	1.44683
3610	64.3533	328.9164	324.3969	290.2216	122.5994	1.44649
3611	64.3703	297.0783	316.4967	290.2723	122.5994	1.44614
3612	64.3873	293.9998	311.5801	290.323	122.5994	1.4458
3613	64.4043	319.6284	308.6587	290.3737	122.5994	1.44546
3614	64.4213	311.8814	306.9734	290.4244	122.5994	1.44512
3615	64.4383	298.3787	305.8953	290.4751	122.5994	1.44478
3616	64.4553	303.8766	304.919	290.5258	122.5994	1.44444
3617	64.4723	295.1788	303.7917	290.5765	122.5994	1.4441
3618	64.4893	315.5362	302.5725	290.6272	122.5994	1.44376
3619	64.5063	314.2842	301.2807	290.6779	122.5994	1.44342
3620	64.5233	325.7527	300.1316	290.7286	122.5994	1.44308
3621	64.5403	296.3597	299.1557	290.7793	122.5994	1.44275
3622	64.5573	321.0689	298.4443	290.83	122.5994	1.44241
3623	64.5743	282.0064	298.0578	290.8807	122.5994	1.44207
3624	64.5913	295.0894	298.094	290.9314	122.5994	1.44173

3625	64.6083	295.8794	298.5662	290.9821	122.5994	1.44139
3626	64.6253	313.1304	299.3218	291.0327	122.5994	1.44105
3627	64.6423	292.7638	299.9649	291.0834	122.5994	1.44071
3628	64.6593	309.2474	300.0139	291.1341	122.5994	1.44038
3629	64.6763	298.7023	299.4412	291.1848	122.5994	1.44004
3630	64.6933	292.5291	298.8886	291.2355	122.5994	1.4397
3631	64.7103	329.4122	298.6481	291.2862	122.5994	1.43936
3632	64.7273	308.4539	298.7271	291.3369	122.5994	1.43903
3633	64.7443	277.5741	298.8893	291.3876	122.5994	1.43869
3634	64.7613	294.3398	298.9689	291.4383	122.5994	1.43835
3635	64.7783	317.6159	299.1884	291.489	122.5994	1.43802
3636	64.7953	300.501	299.9461	291.5397	122.5994	1.43768
3637	64.8123	285.3094	301.4692	291.5904	122.5994	1.43735
3638	64.8293	302.7628	303.6681	291.6411	122.5994	1.43701
3639	64.8463	301.0372	306.1655	291.6918	122.5994	1.43667
3640	64.8633	309.6198	308.0178	291.7425	122.5994	1.43634
3641	64.8803	278.8068	308.7767	291.7932	122.5994	1.436
3642	64.8973	297.37	307.6082	291.8439	122.5994	1.43567
3643	64.9143	323.0609	305.2938	291.8946	122.5994	1.43533
3644	64.9313	322.1563	303.2684	291.9453	122.5994	1.435
3645	64.9483	311.9002	301.8213	291.996	122.5994	1.43466
3646	64.9653	306.6721	301.5107	292.0467	122.5994	1.43433
3647	64.9823	292.0973	302.4983	292.0467	122.5994	1.434

No.	Pos. [°2Th. lobs [cts]	lcalc [cts]	lback [cts]	CT [s]	ESD	D spacings
1	3.0003	2237.283	2237.283	2237.283	122.5994	29.42347
2	3.0173	2143.302	2210.23	2210.23	122.5994	29.25773
3	3.0343	2121.295	2183.177	2183.177	122.5994	29.09385
4	3.0513	2034.602	2156.123	2156.123	122.5994	28.9318
5	3.0683	2044.579	2129.07	2129.07	122.5994	28.77154
6	3.0853	2053.423	2102.016	2102.016	122.5994	28.61305
7	3.1023	1969.965	2074.963	2074.963	122.5994	28.45629
8	3.1193	1858.778	2047.909	2047.909	122.5994	28.30124
9	3.1363	1945.931	2020.856	2020.856	122.5994	28.14788
10	3.1533	1857.931	1993.802	1993.802	122.5994	27.99617
11	3.1703	1808.71	1966.749	1966.749	122.5994	27.84608
12	3.1873	1751.66	1939.695	1939.695	122.5994	27.6976
13	3.2043	1747.552	1912.642	1912.642	122.5994	27.55069
14	3.2213	1753.755	1885.588	1885.588	122.5994	27.40534
15	3.2383	1730.855	1858.535	1858.535	122.5994	27.26151
16	3.2553	1762.316	1831.481	1831.481	122.5994	27.11918
17	3.2723	1688.76	1804.428	1804.428	122.5994	26.97833
18	3.2893	1656.473	1777.374	1777.374	122.5994	26.83894
19	3.3063	1643.949	1750.321	1750.321	122.5994	26.70098
20	3.3233	1640.674	1723.267	1723.267	122.5994	26.56443
21	3.3403	1626.519	1696.214	1696.214	122.5994	26.42928
22	3.3573	1579.689	1669.16	1669.16	122.5994	26.29549
23	3.3743	1584.047	1642.107	1642.107	122.5994	26.16305
24	3.3913	1603.867	1615.053	1615.053	122.5994	26.03194
25	3.4083	1611.634	1588	1588	122.5994	25.90213
26	3.4253	1574.381	1576.667	1576.667	122.5994	25.77362
27	3.4423	1534.823	1565.333	1565.333	122.5994	25.64637
28	3.4593	1530.071	1554	1554	122.5994	25.52038
29	3.4763	1550.871	1542.667	1542.667	122.5994	25.39561
30	3.4933	1511.587	1531.333	1531.333	122.5994	25.27207
31	3.5103	1447.76	1520	1520	122.5994	25.14971
32	3.5273	1449.123	1508.667	1508.667	122.5994	25.02854
33	3.5443	1464.514	1497.333	1497.333	122.5994	24.90853
34	3.5613	1499.764	1486	1486	122.5994	24.78967
35	3.5783	1418.576	1474.667	1474.667	122.5994	24.67194
36	3.5953	1423.435	1463.333	1463.333	122.5994	24.55532
37	3.6123	1413.055	1452	1452	122.5994	24.4398
38	3.6293	1382.48	1440.667	1440.667	122.5994	24.32536
39	3.6463	1346.287	1429.333	1429.333	122.5994	24.21198
40	3.6633	1401.83	1418	1418	122.5994	24.09966
41	3.6803	1331.064	1406.667	1406.667	122.5994	23.98838
42	3.6973	1343.455	1395.333	1395.333	122.5994	23.87812
43	3.7143	1340.272	1384	1384	122.5994	23.76887
44	3.7313	1305.916	1372.667	1372.667	122.5994	23.66062
45	3.7483	1351.527	1361.333	1361.333	122.5994	23.55335
46	3.7653	1340.032	1350	1350	122.5994	23.44704
47	3.7823	1398.159	1338.667	1338.667	122.5994	23.3417

48	3.7993	1317.533	1327.333	1327.333	122.5994	23.23729
49	3.8163	1303.216	1316	1316	122.5994	23.13382
50	3.8333	1301.638	1309.563	1309.563	122.5994	23.03126
51	3.8503	1279.984	1303.125	1303.125	122.5994	22.92961
52	3.8673	1339.849	1296.688	1296.688	122.5994	22.82886
53	3.8843	1276.179	1290.25	1290.25	122.5994	22.72898
54	3.9013	1289.825	1283.813	1283.813	122.5994	22.62998
55	3.9183	1294.842	1277.375	1277.375	122.5994	22.53184
56	3.9353	1278.381	1270.938	1270.938	122.5994	22.43454
57	3.9523	1234.9	1264.5	1264.5	122.5994	22.33808
58	3.9693	1246.095	1258.063	1258.063	122.5994	22.24245
59	3.9863	1246.095	1251.625	1251.625	122.5994	22.14763
60	4.0033	1218.148	1245.188	1245.188	122.5994	22.05362
61	4.0203	1158.35	1238.75	1238.75	122.5994	21.9604
62	4.0373	1210.27	1232.313	1232.313	122.5994	21.86797
63	4.0543	1232.004	1225.875	1225.875	122.5994	21.77632
64	4.0713	1208.163	1219.438	1219.438	122.5994	21.68543
65	4.0883	1222	1213	1213	122.5994	21.59529
66	4.1053	1211.135	1206.563	1206.563	122.5994	21.50591
67	4.1223	1149.86	1200.125	1200.125	122.5994	21.41726
68	4.1393	1172.984	1193.688	1193.688	122.5994	21.32933
69	4.1563	1164.569	1187.25	1187.25	122.5994	21.24213
70	4.1733	1173.674	1180.813	1180.813	122.5994	21.15564
71	4.1903	1176.821	1174.375	1174.375	122.5994	21.06985
72	4.2073	1168.275	1167.938	1167.938	122.5994	20.98475
73	4.2243	1183.963	1161.5	1161.5	122.5994	20.90034
74	4.2413	1163.349	1155.063	1155.063	122.5994	20.81661
75	4.2583	1126.212	1148.625	1148.625	122.5994	20.73354
76	4.2753	1141.409	1142.188	1142.188	122.5994	20.65114
77	4.2923	1110.951	1135.75	1135.75	122.5994	20.56939
78	4.3093	1115.233	1129.313	1129.313	122.5994	20.48828
79	4.3263	1128.981	1122.875	1122.875	122.5994	20.40781
80	4.3433	1119.572	1116.438	1116.438	122.5994	20.32797
81	4.3603	1091.638	1110	1110	122.5994	20.24875
82	4.3773	1107.055	1103.563	1103.563	122.5994	20.17015
83	4.3943	1110.451	1097.125	1097.125	122.5994	20.09216
84	4.4113	1062.412	1090.688	1090.688	122.5994	20.01477
85	4.4283	1119.157	1084.25	1084.25	122.5994	19.93797
86	4.4453	1096.978	1077.813	1077.813	122.5994	19.86176
87	4.4623	1050.148	1071.375	1071.375	122.5994	19.78613
88	4.4793	1106.293	1064.938	1064.938	122.5994	19.71108
89	4.4963	1080.062	1058.5	1058.5	122.5994	19.63659
90	4.5133	1040.177	1052.063	1052.063	122.5994	19.56267
91	4.5303	1061.103	1045.625	1045.625	122.5994	19.48929
92	4.5473	1007.311	1039.188	1039.188	122.5994	19.41647
93	4.5643	1067.989	1032.75	1032.75	122.5994	19.34419
94	4.5813	1043.273	1026.313	1026.313	122.5994	19.27245
95	4.5983	1035.713	1019.875	1019.875	122.5994	19.20124
96	4.6153	987.3442	1013.438	1013.438	122.5994	19.13055

97	4.6323	1016.766	1007	1007	122.5994	19.06038
98	4.6493	1004.909	1003.708	1003.708	122.5994	18.99073
99	4.6663	1003.507	1000.417	1000.417	122.5994	18.92158
100	4.6833	992.2401	997.125	997.125	122.5994	18.85293
101	4.7003	993.2254	993.8333	993.8333	122.5994	18.78479
102	4.7173	995.2829	990.5417	990.5417	122.5994	18.71713
103	4.7343	977.251	987.25	987.25	122.5994	18.64996
104	4.7513	971.2815	983.9583	983.9583	122.5994	18.58327
105	4.7683	994.9919	980.6667	980.6667	122.5994	18.51705
106	4.7853	1007.688	977.375	977.375	122.5994	18.45131
107	4.8023	966.2373	974.0833	974.0833	122.5994	18.38603
108	4.8193	977.7913	970.7917	970.7917	122.5994	18.32121
109	4.8363	981.5913	967.5	967.5	122.5994	18.25685
110	4.8533	992.0347	964.2083	964.2083	122.5994	18.19294
111	4.8703	972.8251	960.9167	960.9167	122.5994	18.12947
112	4.8873	973.1529	957.625	957.625	122.5994	18.06645
113	4.9043	974.3676	954.3333	954.3333	122.5994	18.00386
114	4.9213	932.8438	951.0417	951.0417	122.5994	17.94171
115	4.9383	923.0708	947.75	947.75	122.5994	17.87998
116	4.9553	950.9851	944.4583	944.4583	122.5994	17.81868
117	4.9723	957.9919	941.1667	941.1667	122.5994	17.7578
118	4.9893	929.7204	937.875	937.875	122.5994	17.69733
119	5.0063	921.8447	934.5833	934.5833	122.5994	17.63727
120	5.0233	916.656	931.2917	931.2917	122.5994	17.57762
121	5.0403	934.4267	928	928	122.5994	17.51837
122	5.0573	947.3658	924.7083	924.7083	122.5994	17.45953
123	5.0743	969.6482	921.4167	921.4167	122.5994	17.40107
124	5.0913	969.8416	918.125	918.125	122.5994	17.34301
125	5.1083	948.6255	914.8333	914.8333	122.5994	17.28533
126	5.1253	929.8417	911.5417	911.5417	122.5994	17.22803
127	5.1423	915.5593	908.25	908.25	122.5994	17.17112
128	5.1593	903.2109	904.9583	904.9583	122.5994	17.11458
129	5.1763	886.5109	901.6667	901.6667	122.5994	17.05841
130	5.1933	863.777	898.375	898.375	122.5994	17.00261
131	5.2103	877.2933	895.0833	895.0833	122.5994	16.94717
132	5.2273	906.6249	891.7917	891.7917	122.5994	16.89209
133	5.2443	896.883	888.5	888.5	122.5994	16.83737
134	5.2613	888.857	885.2083	885.2083	122.5994	16.78301
135	5.2783	909.2532	881.9167	881.9167	122.5994	16.72899
136	5.2953	928.5055	878.625	878.625	122.5994	16.67532
137	5.3123	852.9581	875.3333	875.3333	122.5994	16.622
138	5.3293	949.1818	872.0417	872.0417	122.5994	16.56901
139	5.3463	850.1218	868.75	868.75	122.5994	16.51637
140	5.3633	875.8802	865.4583	865.4583	122.5994	16.46405
141	5.3803	852.1356	862.1667	862.1667	122.5994	16.41207
142	5.3973	812.6284	858.875	858.875	122.5994	16.36041
143	5.4143	826.936	855.5833	855.5833	122.5994	16.30908
144	5.4313	879.8187	852.2917	852.2917	122.5994	16.25807
145	5.4483	850.9176	849	849	122.5994	16.20738

146	5.4653	835.2256	848.6875	848.6875	122.5994	16.15701
147	5.4823	836.0202	848.375	848.375	122.5994	16.10695
148	5.4993	831.7075	848.0625	848.0625	122.5994	16.05719
149	5.5163	795.5977	847.75	847.75	122.5994	16.00775
150	5.5333	855.2917	847.4375	847.4375	122.5994	15.9586
151	5.5503	892.144	849.2311	847.125	122.5994	15.90976
152	5.5673	900.0458	850.0726	846.8125	122.5994	15.86122
153	5.5843	861.6527	849.9207	846.5	122.5994	15.81297
154	5.6013	813.2561	849.7809	846.1875	122.5994	15.76502
155	5.6183	845.938	849.6545	845.875	122.5994	15.71735
156	5.6353	888.0813	849.5428	845.5625	122.5994	15.66998
157	5.6523	887.3093	849.4474	845.25	122.5994	15.62289
158	5.6693	877.8253	849.3701	844.9375	122.5994	15.57608
159	5.6863	897.5976	849.313	844.625	122.5994	15.52955
160	5.7033	896.5491	849.2786	844.3125	122.5994	15.4833
161	5.7203	892.064	849.2693	844	122.5994	15.43732
162	5.7373	887.6134	849.2884	843.6875	122.5994	15.39162
163	5.7543	888.2378	849.3394	843.375	122.5994	15.34618
164	5.7713	855.3796	849.4267	843.0625	122.5994	15.30102
165	5.7883	860.4111	849.5551	842.75	122.5994	15.25612
166	5.8053	881.5203	849.7303	842.4375	122.5994	15.21148
167	5.8223	849.4415	849.9591	842.125	122.5994	15.16711
168	5.8393	829.4317	850.2496	841.8125	122.5994	15.12299
169	5.8563	840.1336	850.6115	841.5	122.5994	15.07913
170	5.8733	861.7152	851.0562	841.1875	122.5994	15.03552
171	5.8903	897.7289	851.5977	840.875	122.5994	14.99216
172	5.9073	871.7073	852.2537	840.5625	122.5994	14.94906
173	5.9243	869.1142	853.0463	840.25	122.5994	14.9062
174	5.9413	880.4598	854.005	839.9375	122.5994	14.86358
175	5.9583	877.6703	855.1709	839.625	122.5994	14.82121
176	5.9753	876.1513	856.604	839.3125	122.5994	14.77909
177	5.9923	885.5245	858.3967	839	122.5994	14.7372
178	6.0093	883.2213	860.6934	838.6875	122.5994	14.69554
179	6.0263	916.9947	863.7204	838.375	122.5994	14.65413
180	6.0433	945.0202	867.825	838.0625	122.5994	14.61294
181	6.0603	943.262	873.5172	837.75	122.5994	14.57199
182	6.0773	953.5001	881.5065	837.4375	122.5994	14.53126
183	6.0943	932.3316	892.709	837.125	122.5994	14.49077
184	6.1113	924.5315	908.2079	836.8125	122.5994	14.4505
185	6.1283	971.4096	929.1378	836.5	122.5994	14.41045
186	6.1453	1041.948	956.4885	836.1875	122.5994	14.37062
187	6.1623	998.6272	990.8392	835.875	122.5994	14.33102
188	6.1793	1037.933	1032.026	835.5625	122.5994	14.29163
189	6.1963	1083.592	1078.771	835.25	122.5994	14.25246
190	6.2133	1103.228	1128.208	834.9375	122.5994	14.2135
191	6.2303	1036.248	1175.369	834.625	122.5994	14.17475
192	6.2473	1165.051	1213.088	834.3125	122.5994	14.13622
193	6.2643	1184.252	1233.401	834	122.5994	14.0979
194	6.2813	1213.064	1230.67	833.3333	122.5994	14.05978

195	6.2983	1340.823	1205.845	832.6667	122.5994	14.02187
196	6.3153	1327.19	1164.978	832	122.5994	13.98416
197	6.3323	1213.394	1116.045	831.3333	122.5994	13.94666
198	6.3493	1070.927	1065.845	830.6667	122.5994	13.90935
199	6.3663	987.3735	1018.946	830	122.5994	13.87225
200	6.3833	961.2619	977.9091	829.3333	122.5994	13.83534
201	6.4003	915.6363	943.7966	828.6667	122.5994	13.79863
202	6.4173	868.7612	916.6215	828	122.5994	13.76212
203	6.4343	849.0809	895.7156	827.3333	122.5994	13.72579
204	6.4513	870.8724	880.0469	826.6667	122.5994	13.68966
205	6.4683	872.9183	868.4803	826	122.5994	13.65372
206	6.4853	841.8302	859.9567	825.3333	122.5994	13.61797
207	6.5023	805.6949	853.5947	824.6667	122.5994	13.5824
208	6.5193	831.5994	848.7215	824	122.5994	13.54702
209	6.5363	857.0522	844.8572	823.3333	122.5994	13.51183
210	6.5533	840.9596	841.6785	822.6667	122.5994	13.47682
211	6.5703	840.6285	838.975	822	122.5994	13.44198
212	6.5873	826.3271	836.6127	821.3333	122.5994	13.40733
213	6.6043	779.665	834.506	820.6667	122.5994	13.37286
214	6.6213	818.1523	832.5986	820	122.5994	13.33856
215	6.6383	831.742	830.8517	819.3333	122.5994	13.30444
216	6.6553	799.4886	829.2373	818.6667	122.5994	13.2705
217	6.6723	821.1135	827.734	818	122.5994	13.23672
218	6.6893	823.661	826.4293	817.4375	122.5994	13.20312
219	6.7063	825.9029	825.2053	816.875	122.5994	13.16969
220	6.7233	793.0949	824.0508	816.3125	122.5994	13.13643
221	6.7403	807.4151	822.9565	815.75	122.5994	13.10334
222	6.7573	831.0009	821.9147	815.1875	122.5994	13.07041
223	6.7743	848.7381	820.9187	814.625	122.5994	13.03765
224	6.7913	834.1151	819.9629	814.0625	122.5994	13.00505
225	6.8083	824.7425	819.0425	813.5	122.5994	12.97261
226	6.8253	804.5033	818.1534	812.9375	122.5994	12.94034
227	6.8423	865.8152	817.2922	812.375	122.5994	12.90823
228	6.8593	814.6357	816.4557	811.8125	122.5994	12.87627
229	6.8763	791.2002	815.6414	811.25	122.5994	12.84448
230	6.8933	768.9066	814.8469	810.6875	122.5994	12.81284
231	6.9103	793.822	814.0701	810.125	122.5994	12.78136
232	6.9273	856.6009	813.3094	809.5625	122.5994	12.75003
233	6.9443	852.6796	812.5632	809	122.5994	12.71886
234	6.9613	829.9741	811.8301	808.4375	122.5994	12.68783
235	6.9783	867.2402	811.1089	807.875	122.5994	12.65696
236	6.9953	786.2504	808.3671	807.3125	122.5994	12.62624
237	7.0123	824.5785	806.75	806.75	122.5994	12.59567
238	7.0293	832.944	806.1875	806.1875	122.5994	12.56525
239	7.0463	810.1858	805.625	805.625	122.5994	12.53497
240	7.0633	796.0366	805.0625	805.0625	122.5994	12.50484
241	7.0803	805.5849	804.5	804.5	122.5994	12.47485
242	7.0973	833.7336	803.9375	803.9375	122.5994	12.44501
243	7.1143	851.4251	803.375	803.375	122.5994	12.41531

244	7.1313	837.63	802.8125	802.8125	122.5994	12.38575
245	7.1483	807.9743	802.25	802.25	122.5994	12.35633
246	7.1653	809.1579	801.6875	801.6875	122.5994	12.32706
247	7.1823	809.2706	801.125	801.125	122.5994	12.29792
248	7.1993	831.2465	800.5625	800.5625	122.5994	12.26892
249	7.2163	825.5745	800	800	122.5994	12.24005
250	7.2333	792.5336	799.4375	799.4375	122.5994	12.21132
251	7.2503	782.1684	798.875	798.875	122.5994	12.18273
252	7.2673	799.7622	798.3125	798.3125	122.5994	12.15427
253	7.2843	811.317	797.75	797.75	122.5994	12.12594
254	7.3013	823.1982	797.1875	797.1875	122.5994	12.09774
255	7.3183	808.8217	796.625	796.625	122.5994	12.06968
256	7.3353	804.1785	796.0625	796.0625	122.5994	12.04175
257	7.3523	789.6021	795.5	795.5	122.5994	12.01394
258	7.3693	816.8219	794.9375	794.9375	122.5994	11.98627
259	7.3863	831.4744	794.375	794.375	122.5994	11.95872
260	7.4033	840.2618	793.8125	793.8125	122.5994	11.93129
261	7.4203	818.5462	793.25	793.25	122.5994	11.904
262	7.4373	819.8437	792.6875	792.6875	122.5994	11.87683
263	7.4543	795.4558	792.125	792.125	122.5994	11.84978
264	7.4713	795.069	791.5625	791.5625	122.5994	11.82285
265	7.4883	783.6122	791	791	122.5994	11.79605
266	7.5053	804.4978	789.9583	789.9583	122.5994	11.76937
267	7.5223	781.3236	788.9167	788.9167	122.5994	11.74281
268	7.5393	759.0592	787.875	787.875	122.5994	11.71637
269	7.5563	781.808	786.8333	786.8333	122.5994	11.69005
270	7.5733	794.0606	785.7917	785.7917	122.5994	11.66385
271	7.5903	860.7284	784.75	784.75	122.5994	11.63776
272	7.6073	771.9562	783.7083	783.7083	122.5994	11.61179
273	7.6243	788.6904	782.6667	782.6667	122.5994	11.58594
274	7.6413	800.1699	781.625	781.625	122.5994	11.5602
275	7.6583	751.095	780.5833	780.5833	122.5994	11.53458
276	7.6753	791.1073	779.5417	779.5417	122.5994	11.50907
277	7.6923	784.6834	778.5	778.5	122.5994	11.48367
278	7.7093	762.6419	777.4583	777.4583	122.5994	11.45839
279	7.7263	778.1167	776.4167	776.4167	122.5994	11.43321
280	7.7433	817.849	775.375	775.375	122.5994	11.40815
281	7.7603	784.5688	774.3333	774.3333	122.5994	11.3832
282	7.7773	805.7711	773.2917	773.2917	122.5994	11.35835
283	7.7943	789.6248	772.25	772.25	122.5994	11.33362
284	7.8113	788.6041	771.2083	771.2083	122.5994	11.30899
285	7.8283	775.951	770.1667	770.1667	122.5994	11.28447
286	7.8453	754.0955	769.125	769.125	122.5994	11.26006
287	7.8623	743.2008	768.0833	768.0833	122.5994	11.23575
288	7.8793	762.7211	767.0417	767.0417	122.5994	11.21154
289	7.8963	766.2166	766	766	122.5994	11.18745
290	7.9133	774.0156	765.2622	765.2622	122.5994	11.16345
291	7.9303	801.8432	764.5244	764.5244	122.5994	11.13956
292	7.9473	757.9975	763.7866	763.7866	122.5994	11.11577

293	7.9643	797.7426	763.0488	763.0488	122.5994	11.09208
294	7.9813	827.691	762.311	762.311	122.5994	11.06849
295	7.9983	778.5486	761.5732	761.5732	122.5994	11.045
296	8.0153	782.919	760.8354	760.8354	122.5994	11.02162
297	8.0323	810.1665	760.0977	760.0977	122.5994	10.99833
298	8.0493	797.7234	759.3599	759.3599	122.5994	10.97514
299	8.0663	790.9708	758.6221	758.6221	122.5994	10.95204
300	8.0833	828.4118	757.8843	757.8843	122.5994	10.92905
301	8.1003	856.3438	757.1465	757.1465	122.5994	10.90615
302	8.1173	819.576	756.4087	756.4087	122.5994	10.88335
303	8.1343	803.7411	764.0435	755.6709	122.5994	10.86064
304	8.1513	812.0072	763.6998	754.9331	122.5994	10.83803
305	8.1683	785.3322	767.6859	754.1953	122.5994	10.81551
306	8.1853	786.2036	767.6074	753.4575	122.5994	10.79309
307	8.2023	814.1733	767.5782	752.7197	122.5994	10.77075
308	8.2193	823.7054	767.6034	751.9819	122.5994	10.74852
309	8.2363	798.8187	767.6884	751.2441	122.5994	10.72637
310	8.2533	843.7358	767.8396	750.5063	122.5994	10.70431
311	8.2703	833.3542	768.0644	749.7686	122.5994	10.68235
312	8.2873	828.1437	768.371	749.0308	122.5994	10.66047
313	8.3043	818.8061	768.7689	748.293	122.5994	10.63869
314	8.3213	824.8927	768.8459	747.1322	122.5994	10.61699
315	8.3383	816.4578	769.0376	745.9714	122.5994	10.59538
316	8.3553	871.2038	769.3583	744.8105	122.5994	10.57386
317	8.3723	832.0024	769.825	743.6497	122.5994	10.55243
318	8.3893	856.0543	770.4571	742.4889	122.5994	10.53109
319	8.4063	874.3142	771.2775	741.3281	122.5994	10.50983
320	8.4233	850.7771	772.313	740.1673	122.5994	10.48865
321	8.4403	878.0563	773.5961	739.0065	122.5994	10.46757
322	8.4573	855.4027	775.1642	737.8457	122.5994	10.44656
323	8.4743	924.6469	777.0634	736.6849	122.5994	10.42565
324	8.4913	941.8925	779.3489	735.5241	122.5994	10.40481
325	8.5083	901.2371	782.0895	734.3633	122.5994	10.38406
326	8.5253	972.8748	785.373	733.2025	122.5994	10.36339
327	8.5423	936.9984	789.3149	732.0417	122.5994	10.34281
328	8.5593	982.3936	794.0759	730.8809	122.5994	10.3223
329	8.5763	1054.42	799.8895	729.7201	122.5994	10.30188
330	8.5933	1031.769	807.113	728.5592	122.5994	10.28154
331	8.6103	1116.892	816.2997	727.3984	122.5994	10.26128
332	8.6273	1075.765	828.3115	726.2376	122.5994	10.24109
333	8.6443	1135.006	844.4608	725.0768	122.5994	10.22099
334	8.6613	1213.295	866.6684	723.916	122.5994	10.20097
335	8.6783	1228.955	897.6057	722.7552	122.5994	10.18102
336	8.6953	1274.762	940.7313	721.5944	122.5994	10.16116
337	8.7123	1397.59	1000.165	720.4336	122.5994	10.14137
338	8.7293	1457.502	1080.299	719.2728	122.5994	10.12166
339	8.7463	1523.422	1185.104	718.112	122.5994	10.10202
340	8.7633	1625.37	1317.181	716.9512	122.5994	10.08246
341	8.7803	1726.774	1476.541	715.7904	122.5994	10.06298

342	8.7973	1792.475	1659.226	714.6296	122.5994	10.04357
343	8.8143	1933.654	1855.607	713.4688	122.5994	10.02424
344	8.8313	2220.642	2048.45	712.3079	122.5994	10.00498
345	8.8483	2434.946	2212.064	711.1471	122.5994	9.9858
346	8.8653	2675.91	2315.971	709.9863	122.5994	9.96669
347	8.8823	3064.116	2336.021	708.8255	122.5994	9.94765
348	8.8993	3423.891	2267.161	707.6647	122.5994	9.92869
349	8.9163	3879.092	2126.169	706.5039	122.5994	9.90979
350	8.9333	4043.81	1941.876	705.3431	122.5994	9.89097
351	8.9503	3497.4	1742.708	704.1823	122.5994	9.87222
352	8.9673	2562.727	1549.854	703.0215	122.5994	9.85355
353	8.9843	1699.908	1376.375	701.8607	122.5994	9.83494
354	9.0013	1177.311	1228.773	700.6999	122.5994	9.8164
355	9.0183	971.0621	1108.765	699.5391	122.5994	9.79794
356	9.0353	918.6445	1014.865	698.3783	122.5994	9.77954
357	9.0523	908.0784	943.6432	697.2174	122.5994	9.76121
358	9.0693	889.6787	890.8236	696.0566	122.5994	9.74295
359	9.0863	861.4085	852.0994	694.8958	122.5994	9.72476
360	9.1033	819.2777	823.6783	693.735	122.5994	9.70664
361	9.1203	760.8745	802.5145	692.5742	122.5994	9.68859
362	9.1373	766.4022	785.9188	690.9904	122.5994	9.6706
363	9.1543	759.7666	772.7274	689.4066	122.5994	9.65268
364	9.1713	734.1798	761.8774	687.8228	122.5994	9.63482
365	9.1883	751.6415	752.6805	686.2389	122.5994	9.61704
366	9.2053	714.7097	744.694	684.6551	122.5994	9.59931
367	9.2223	721.6167	737.6307	683.0713	122.5994	9.58166
368	9.2393	723.5821	731.2985	681.4875	122.5994	9.56407
369	9.2563	713.7826	725.561	679.9036	122.5994	9.54654
370	9.2733	688.0527	720.319	678.3198	122.5994	9.52908
371	9.2903	637.0176	715.4951	676.736	122.5994	9.51168
372	9.3073	695.891	711.0277	675.1522	122.5994	9.49434
373	9.3243	630.1088	706.8669	673.5684	122.5994	9.47707
374	9.3413	661.0323	702.9708	671.9845	122.5994	9.45986
375	9.3583	682.4641	699.3048	670.4007	122.5994	9.44272
376	9.3753	704.6575	695.8398	668.8169	122.5994	9.42563
377	9.3923	667.0557	692.5508	667.2331	122.5994	9.40861
378	9.4093	681.8067	689.4169	665.6493	122.5994	9.39165
379	9.4263	687.1125	686.4199	664.0654	122.5994	9.37475
380	9.4433	694.1575	683.5443	662.4816	122.5994	9.35791
381	9.4603	704.7768	680.7767	660.8978	122.5994	9.34113
382	9.4773	696.9118	678.1054	659.314	122.5994	9.32441
383	9.4943	718.2534	675.5204	657.7301	122.5994	9.30776
384	9.5113	718.2534	673.0128	656.1463	122.5994	9.29116
385	9.5283	715.4116	670.575	654.5625	122.5994	9.27462
386	9.5453	686.9946	667.677	652.4557	122.5994	9.25814
387	9.5623	642.8218	664.8359	650.349	122.5994	9.24172
388	9.5793	657.1183	662.0465	648.2422	122.5994	9.22536
389	9.5963	646.7233	659.304	646.1354	122.5994	9.20905
390	9.6133	661.1352	648.374	644.0286	122.5994	9.19281

391	9.6303	670.7338	641.9219	641.9219	122.5994	9.17662
392	9.6473	627.9533	639.8151	639.8151	122.5994	9.16048
393	9.6643	640.4284	637.7083	637.7083	122.5994	9.14441
394	9.6813	655.7964	635.6016	635.6016	122.5994	9.12839
395	9.6983	645.4117	633.4948	633.4948	122.5994	9.11243
396	9.7153	625.1337	631.388	631.388	122.5994	9.09652
397	9.7323	633.6259	629.2813	629.2812	122.5994	9.08067
398	9.7493	638.9185	627.1745	627.1745	122.5994	9.06487
399	9.7663	627.8348	625.0677	625.0677	122.5994	9.04913
400	9.7833	647.8155	622.9609	622.9609	122.5994	9.03344
401	9.8003	629.9346	620.8542	620.8542	122.5994	9.01781
402	9.8173	613.2102	618.7474	618.7474	122.5994	9.00224
403	9.8343	583.4822	616.6406	616.6406	122.5994	8.98671
404	9.8513	599.0312	614.5339	614.5339	122.5994	8.97124
405	9.8683	621.9496	612.4271	612.4271	122.5994	8.95583
406	9.8853	621.4482	610.3203	610.3203	122.5994	8.94046
407	9.9023	587.6124	608.2136	608.2135	122.5994	8.92515
408	9.9193	605.5692	606.1068	606.1068	122.5994	8.90989
409	9.9363	599.7273	604	604	122.5994	8.89469
410	9.9533	595.337	603.5	603.5	122.5994	8.87953
411	9.9703	644.672	603	603	122.5994	8.86443
412	9.9873	572.3998	602.5	602.5	122.5994	8.84938
413	10.0043	594.3711	602	602	122.5994	8.83438
414	10.0213	608.9817	601.5	601.5	122.5994	8.81943
415	10.0383	623.6362	601	601	122.5994	8.80454
416	10.0553	583.9127	600.5	600.5	122.5994	8.78969
417	10.0723	613.3659	600	600	122.5994	8.77489
418	10.0893	610.2386	599.5	599.5	122.5994	8.76014
419	10.1063	590.5882	599	599	122.5994	8.74545
420	10.1233	609.9504	598.5	598.5	122.5994	8.7308
421	10.1403	599.511	598	598	122.5994	8.7162
422	10.1573	581.3857	597.5	597.5	122.5994	8.70165
423	10.1743	589.3434	597	597	122.5994	8.68715
424	10.1913	574.5272	596.5	596.5	122.5994	8.6727
425	10.2083	562.2843	596	596	122.5994	8.65829
426	10.2253	565.7645	595.5	595.5	122.5994	8.64394
427	10.2423	560.8835	595	595	122.5994	8.62963
428	10.2593	567.8575	594.5	594.5	122.5994	8.61537
429	10.2763	614.017	594	594	122.5994	8.60115
430	10.2933	597.822	593.5	593.5	122.5994	8.58698
431	10.3103	567.8794	593	593	122.5994	8.57286
432	10.3273	602.9528	592.5	592.5	122.5994	8.55879
433	10.3443	602.8534	592	592	122.5994	8.54476
434	10.3613	581.0832	591.3333	591.3333	122.5994	8.53078
435	10.3783	584.3652	590.6667	590.6667	122.5994	8.51685
436	10.3953	599.5386	590	590	122.5994	8.50296
437	10.4123	590.1005	589.3333	589.3333	122.5994	8.48911
438	10.4293	587.6691	588.6667	588.6667	122.5994	8.47531
439	10.4463	567.7373	588	588	122.5994	8.46156

440	10.4633	580.3067	587.3333	587.3333	122.5994	8.44785
441	10.4803	594.7702	586.6667	586.6667	122.5994	8.43418
442	10.4973	637.2167	586	586	122.5994	8.42056
443	10.5143	655.1496	585.3333	585.3333	122.5994	8.40699
444	10.5313	648.2214	584.6667	584.6667	122.5994	8.39345
445	10.5483	681.2743	584	584	122.5994	8.37996
446	10.5653	711.4531	583.3333	583.3333	122.5994	8.36652
447	10.5823	711.8853	582.6667	582.6667	122.5994	8.35312
448	10.5993	701.0245	582	582	122.5994	8.33976
449	10.6163	635.108	581.3333	581.3333	122.5994	8.32644
450	10.6333	597.0298	580.6667	580.6667	122.5994	8.31317
451	10.6503	569.1688	580	580	122.5994	8.29994
452	10.6673	560.2676	579.3333	579.3333	122.5994	8.28675
453	10.6843	561.7005	578.6667	578.6667	122.5994	8.2736
454	10.7013	547.6588	578	578	122.5994	8.26049
455	10.7183	560.9643	577.3333	577.3333	122.5994	8.24743
456	10.7353	558.9622	576.6667	576.6667	122.5994	8.23441
457	10.7523	592.098	576	576	122.5994	8.22143
458	10.7693	588.0578	574.9167	574.9167	122.5994	8.20849
459	10.7863	557.1205	573.8333	573.8333	122.5994	8.19559
460	10.8033	564.6907	572.75	572.75	122.5994	8.18273
461	10.8203	541.1094	571.6667	571.6667	122.5994	8.16991
462	10.8373	572.9518	570.5833	570.5833	122.5994	8.15713
463	10.8543	553.6729	569.5	569.5	122.5994	8.1444
464	10.8713	521.0496	568.4167	568.4167	122.5994	8.1317
465	10.8883	575.0862	567.3333	567.3333	122.5994	8.11904
466	10.9053	529.0263	566.25	566.25	122.5994	8.10642
467	10.9223	538.4978	565.1667	565.1667	122.5994	8.09384
468	10.9393	548.2502	564.0833	564.0833	122.5994	8.0813
469	10.9563	557.1861	563	563	122.5994	8.0688
470	10.9733	500.1892	561.9167	561.9167	122.5994	8.05634
471	10.9903	533.2282	560.8333	560.8333	122.5994	8.04392
472	11.0073	567.7006	559.75	559.75	122.5994	8.03153
473	11.0243	572.3133	558.6667	558.6667	122.5994	8.01919
474	11.0413	553.9333	557.5833	557.5833	122.5994	8.00688
475	11.0583	565.4674	556.5	556.5	122.5994	7.99461
476	11.0753	579.7616	555.4167	555.4167	122.5994	7.98237
477	11.0923	577.1737	554.3333	554.3333	122.5994	7.97018
478	11.1093	573.2694	553.25	553.25	122.5994	7.95802
479	11.1263	565.9296	552.1667	552.1667	122.5994	7.9459
480	11.1433	584.1216	551.0833	551.0833	122.5994	7.93381
481	11.1603	541.4551	550	550	122.5994	7.92177
482	11.1773	529.0099	549.5833	549.5833	122.5994	7.90976
483	11.1943	534.1611	549.1667	549.1667	122.5994	7.89778
484	11.2113	546.5413	548.75	548.75	122.5994	7.88585
485	11.2283	548.3865	548.3333	548.3333	122.5994	7.87394
486	11.2453	546.9756	547.9167	547.9167	122.5994	7.86208
487	11.2623	567.4841	547.5	547.5	122.5994	7.85025
488	11.2793	578.7473	547.0833	547.0833	122.5994	7.83846

489	11.2963	573.6155	546.6667	546.6667	122.5994	7.8267
490	11.3133	551.5008	546.25	546.25	122.5994	7.81498
491	11.3303	544.1609	545.8333	545.8333	122.5994	7.80329
492	11.3473	559.6405	545.4167	545.4167	122.5994	7.79164
493	11.3643	545.2446	545	545	122.5994	7.78002
494	11.3813	542.0642	544.5833	544.5833	122.5994	7.76844
495	11.3983	544.6326	544.1667	544.1667	122.5994	7.75689
496	11.4153	561.3247	543.75	543.75	122.5994	7.74537
497	11.4323	536.6641	543.3333	543.3333	122.5994	7.73389
498	11.4493	555.4798	542.9167	542.9167	122.5994	7.72245
499	11.4663	541.0349	542.5	542.5	122.5994	7.71104
500	11.4833	556.5583	542.0833	542.0833	122.5994	7.69966
501	11.5003	562.8494	541.6667	541.6667	122.5994	7.68832
502	11.5173	572.8577	541.25	541.25	122.5994	7.67701
503	11.5343	568.3187	540.8333	540.8333	122.5994	7.66573
504	11.5513	535.649	540.4167	540.4167	122.5994	7.65449
505	11.5683	544.6788	540	540	122.5994	7.64328
506	11.5853	515.6809	539.7969	539.7969	122.5994	7.6321
507	11.6023	547.5811	539.5938	539.5938	122.5994	7.62095
508	11.6193	552.2603	539.3906	539.3906	122.5994	7.60984
509	11.6363	543.5215	539.1875	539.1875	122.5994	7.59876
510	11.6533	503.7531	538.9844	538.9844	122.5994	7.58772
511	11.6703	519.3671	538.7813	538.7813	122.5994	7.5767
512	11.6873	538.1243	538.5781	538.5781	122.5994	7.56572
513	11.7043	556.6643	538.375	538.375	122.5994	7.55477
514	11.7213	538.2192	538.1719	538.1719	122.5994	7.54385
515	11.7383	538.8034	537.9688	537.9688	122.5994	7.53296
516	11.7553	547.5702	537.7656	537.7656	122.5994	7.52211
517	11.7723	544.7009	537.5625	537.5625	122.5994	7.51128
518	11.7893	523.8658	537.3594	537.3594	122.5994	7.50049
519	11.8063	548.8786	537.1563	537.1563	122.5994	7.48973
520	11.8233	529.7491	536.9531	536.9531	122.5994	7.479
521	11.8403	533.62	536.7501	536.75	122.5994	7.4683
522	11.8573	534.5923	536.9052	536.5469	122.5994	7.45763
523	11.8743	546.9597	536.7197	536.3438	122.5994	7.44699
524	11.8913	572.3902	536.5356	536.1406	122.5994	7.43638
525	11.9083	552.7257	536.3531	535.9375	122.5994	7.4258
526	11.9253	531.7148	536.1721	535.7344	122.5994	7.41525
527	11.9423	541.2097	535.993	535.5313	122.5994	7.40474
528	11.9593	555.5898	535.8159	535.3281	122.5994	7.39425
529	11.9763	562.6605	535.6411	535.125	122.5994	7.38379
530	11.9933	551.162	535.1927	534.6458	122.5994	7.37336
531	12.0103	568.5468	534.7473	534.1667	122.5994	7.36297
532	12.0273	577.4551	534.3049	533.6875	122.5994	7.3526
533	12.0443	562.2163	533.8662	533.2083	122.5994	7.34226
534	12.0613	556.9704	533.4316	532.7292	122.5994	7.33195
535	12.0783	556.9704	533.0017	532.25	122.5994	7.32166
536	12.0953	554.5307	532.5771	531.7708	122.5994	7.31141
537	12.1123	564.9128	532.1587	531.2917	122.5994	7.30119

538	12.1293	592.1733	533.9222	530.8125	122.5994	7.29099
539	12.1463	599.4943	533.7101	530.3333	122.5994	7.28083
540	12.1633	607.1256	533.5339	529.8542	122.5994	7.27069
541	12.1803	611.9884	533.4	529.375	122.5994	7.26058
542	12.1973	629.2753	533.3168	528.8958	122.5994	7.2505
543	12.2143	623.5231	533.2947	528.4167	122.5994	7.24045
544	12.2313	635.6344	533.3467	527.9375	122.5994	7.23042
545	12.2483	623.9052	533.4898	527.4583	122.5994	7.22042
546	12.2653	629.579	533.7457	526.9792	122.5994	7.21045
547	12.2823	657.938	534.1431	526.5	122.5994	7.20051
548	12.2993	697.8671	534.7203	526.0208	122.5994	7.1906
549	12.3163	690.8689	535.5297	525.5417	122.5994	7.18071
550	12.3333	725.4265	536.6439	525.0625	122.5994	7.17085
551	12.3503	748.0165	538.1708	524.5833	122.5994	7.16102
552	12.3673	736.7871	540.2871	524.1042	122.5994	7.15121
553	12.3843	739.1859	543.3299	523.625	122.5994	7.14144
554	12.4013	841.1605	548.0204	523.1458	122.5994	7.13168
555	12.4183	841.9469	555.9108	522.6667	122.5994	7.12196
556	12.4353	824.7174	570.0104	522.1875	122.5994	7.11226
557	12.4523	874.1885	595.15	521.7083	122.5994	7.10259
558	12.4693	876.1764	637.192	521.2292	122.5994	7.09294
559	12.4863	900.5629	700.2366	520.75	122.5994	7.08333
560	12.5033	999.8132	781.6426	520.2708	122.5994	7.07373
561	12.5203	1051.552	864.7332	519.7917	122.5994	7.06417
562	12.5373	1220.068	916.1717	519.3125	122.5994	7.05463
563	12.5543	1350.613	910.9423	518.8333	122.5994	7.04511
564	12.5713	1449.851	856.0668	518.3542	122.5994	7.03562
565	12.5883	1349.336	775.4028	517.875	122.5994	7.02616
566	12.6053	1147.643	695.8265	517.3958	122.5994	7.01672
567	12.6223	950.2066	633.3137	516.9167	122.5994	7.00731
568	12.6393	733.0229	590.8327	516.4375	122.5994	6.99792
569	12.6563	634.5599	564.6324	515.9583	122.5994	6.98856
570	12.6733	615.0515	549.2609	515.4792	122.5994	6.97923
571	12.6903	603.434	540.1464	515	122.5994	6.96991
572	12.7073	576.7307	534.3455	514.5208	122.5994	6.96063
573	12.7243	560.4909	530.2759	514.0417	122.5994	6.95137
574	12.7413	498.7131	527.1741	513.5625	122.5994	6.94213
575	12.7583	523.6619	524.678	513.0833	122.5994	6.93292
576	12.7753	530.5385	522.6005	512.6042	122.5994	6.92373
577	12.7923	516.1208	520.83	512.125	122.5994	6.91457
578	12.8093	549.9189	519.0165	511.3698	122.5994	6.90543
579	12.8263	548.1079	517.3835	510.6146	122.5994	6.89631
580	12.8433	505.9139	515.8925	509.8594	122.5994	6.88722
581	12.8603	496.8109	514.5145	509.1042	122.5994	6.87816
582	12.8773	499.5729	513.2277	508.349	122.5994	6.86912
583	12.8943	488.4191	512.0151	507.5938	122.5994	6.8601
584	12.9113	500.5491	510.8637	506.8385	122.5994	6.8511
585	12.9283	515.9044	509.7631	506.0833	122.5994	6.84213
586	12.9453	496.2327	506.5699	505.3281	122.5994	6.83319

587	12.9623	484.9465	505.712	504.5729	122.5994	6.82426
588	12.9793	496.8305	504.8662	503.8177	122.5994	6.81536
589	12.9963	528.5695	504.0307	503.0625	122.5994	6.80649
590	13.0133	536.6229	503.2041	502.3073	122.5994	6.79763
591	13.0303	549.8391	502.3851	501.5521	122.5994	6.7888
592	13.0473	514.2381	501.5726	500.7969	122.5994	6.78
593	13.0643	497.2708	500.7658	500.0417	122.5994	6.77121
594	13.0813	500.6927	499.9641	499.2865	122.5994	6.76245
595	13.0983	494.8056	499.1666	498.5313	122.5994	6.75371
596	13.1153	514.4795	498.3729	497.776	122.5994	6.74499
597	13.1323	490.3282	497.5826	497.0208	122.5994	6.7363
598	13.1493	469.2681	496.7953	496.2656	122.5994	6.72763
599	13.1663	512.7207	496.0107	495.5104	122.5994	6.71898
600	13.1833	503.7901	495.2285	494.7552	122.5994	6.71036
601	13.2003	481.6176	494.4484	494	122.5994	6.70175
602	13.2173	500.219	493.9463	493.5208	122.5994	6.69317
603	13.2343	480.6649	493.4458	493.0417	122.5994	6.68461
604	13.2513	462.7045	492.9469	492.5625	122.5994	6.67607
605	13.2683	501.5767	492.4495	492.0833	122.5994	6.66756
606	13.2853	484.009	491.6042	491.6042	122.5994	6.65907
607	13.3023	484.4975	491.125	491.125	122.5994	6.65059
608	13.3193	495.7053	490.6458	490.6458	122.5994	6.64214
609	13.3363	469.4899	490.1667	490.1667	122.5994	6.63371
610	13.3533	457.2622	490.3606	489.6875	122.5994	6.62531
611	13.3703	482.4964	489.926	489.2083	122.5994	6.61692
612	13.3873	449.2525	489.83	488.7292	122.5994	6.60856
613	13.4043	497.2708	489.4272	488.25	122.5994	6.60021
614	13.4213	499.8515	489.0325	487.7708	122.5994	6.59189
615	13.4383	505.123	488.6615	487.2917	122.5994	6.58359
616	13.4553	473.9844	488.2881	486.8125	122.5994	6.57531
617	13.4723	463.3621	487.9343	486.3333	122.5994	6.56705
618	13.4893	520.272	487.609	485.8542	122.5994	6.55881
619	13.5063	513.5958	487.282	485.375	122.5994	6.5506
620	13.5233	530.518	486.9855	484.8958	122.5994	6.5424
621	13.5403	462.3274	486.7039	484.4167	122.5994	6.53423
622	13.5573	440.1444	486.4514	483.9375	122.5994	6.52607
623	13.5743	492.3086	486.2339	483.4583	122.5994	6.51793
624	13.5913	500.042	486.059	482.9792	122.5994	6.50982
625	13.6083	499.6024	485.9365	482.5	122.5994	6.50173
626	13.6253	515.9121	485.5146	481.6563	122.5994	6.49365
627	13.6423	492.5856	485.1759	480.8125	122.5994	6.4856
628	13.6593	506.1325	484.9478	479.9688	122.5994	6.47757
629	13.6763	527.0254	484.8752	479.125	122.5994	6.46955
630	13.6933	535.7788	485.0377	478.2813	122.5994	6.46156
631	13.7103	554.4985	485.5791	477.4375	122.5994	6.45358
632	13.7273	531.132	486.7526	476.5938	122.5994	6.44563
633	13.7443	499.095	488.9707	475.75	122.5994	6.4377
634	13.7613	505.6484	492.8366	474.9063	122.5994	6.42978
635	13.7783	504.9685	499.1134	474.0625	122.5994	6.42189

636	13.7953	504.7455	508.5816	473.2188	122.5994	6.41401
637	13.8123	528.1527	521.7715	472.375	122.5994	6.40615
638	13.8293	512.4697	538.5723	471.5313	122.5994	6.39832
639	13.8463	485.6577	557.707	470.6875	122.5994	6.3905
640	13.8633	551.8077	576.1211	469.8438	122.5994	6.3827
641	13.8803	539.7689	589.0298	469	122.5994	6.37492
642	13.8973	597.1481	592.1949	468.1563	122.5994	6.36716
643	13.9143	599.0424	584.87	467.3125	122.5994	6.35942
644	13.9313	615.9185	569.6132	466.4688	122.5994	6.3517
645	13.9483	574.1397	550.4922	465.625	122.5994	6.344
646	13.9653	541.6905	531.392	464.7813	122.5994	6.33631
647	13.9823	542.4019	514.7366	463.9375	122.5994	6.32865
648	13.9993	500.9011	501.407	463.0938	122.5994	6.321
649	14.0163	501.5126	491.2568	462.25	122.5994	6.31337
650	14.0333	484.6192	483.6531	461.4063	122.5994	6.30576
651	14.0503	488.3555	477.897	460.5625	122.5994	6.29817
652	14.0673	441.2872	473.421	459.7188	122.5994	6.2906
653	14.0843	484.009	469.8333	458.875	122.5994	6.28304
654	14.1013	483.5698	466.8911	458.0313	122.5994	6.27551
655	14.1183	473.6782	464.4391	457.1875	122.5994	6.26799
656	14.1353	461.575	462.3646	456.3438	122.5994	6.26049
657	14.1523	532.5349	460.5793	455.5	122.5994	6.25301
658	14.1693	486.0054	459.0117	454.6563	122.5994	6.24554
659	14.1863	474.3604	457.6045	453.8125	122.5994	6.2381
660	14.2033	494.448	456.3136	452.9688	122.5994	6.23067
661	14.2203	487.867	455.1068	452.125	122.5994	6.22326
662	14.2373	441.1493	453.9615	451.2813	122.5994	6.21587
663	14.2543	464.6383	452.8626	450.4375	122.5994	6.20849
664	14.2713	453.1587	451.7999	449.5938	122.5994	6.20113
665	14.2883	465.4288	450.7662	448.75	122.5994	6.19379
666	14.3053	451.5657	449.7563	447.9063	122.5994	6.18647
667	14.3223	469.5487	448.7662	447.0625	122.5994	6.17917
668	14.3393	460.9639	447.7928	446.2188	122.5994	6.17188
669	14.3563	468.1833	446.8338	445.375	122.5994	6.16461
670	14.3733	469.191	445.887	444.5313	122.5994	6.15736
671	14.3903	455.9117	444.9508	443.6875	122.5994	6.15012
672	14.4073	452.189	444.0237	442.8438	122.5994	6.1429
673	14.4243	445.314	443.0769	442	122.5994	6.1357
674	14.4413	426.1865	442.363	441.9375	122.5994	6.12851
675	14.4583	443.2147	442.3232	441.875	122.5994	6.12135
676	14.4753	464.9802	441.9496	441.8125	122.5994	6.1142
677	14.4923	458.8556	441.9181	441.75	122.5994	6.10706
678	14.5093	482.3541	441.8585	441.6875	122.5994	6.09995
679	14.5263	495.033	441.7866	441.625	122.5994	6.09284
680	14.5433	475.9903	441.7302	441.5625	122.5994	6.08576
681	14.5603	465.4463	441.6683	441.5	122.5994	6.07869
682	14.5773	490.9734	441.5962	441.4375	122.5994	6.07164
683	14.5943	470.8005	441.5453	441.375	122.5994	6.06461
684	14.6113	450.7421	441.4868	441.3125	122.5994	6.05759

685	14.6283	431.4621	441.4401	441.25	122.5994	6.05059
686	14.6453	436.6345	441.3956	441.1875	122.5994	6.0436
687	14.6623	450.6548	441.3538	441.125	122.5994	6.03664
688	14.6793	437.2436	441.3151	441.0625	122.5994	6.02968
689	14.6963	452.9598	441.2803	441	122.5994	6.02275
690	14.7133	479.4442	441.2503	440.9375	122.5994	6.01583
691	14.7303	484.009	441.2262	440.875	122.5994	6.00892
692	14.7473	476.38	441.2097	440.8125	122.5994	6.00203
693	14.7643	471.3806	441.2031	440.75	122.5994	5.99516
694	14.7813	474.8608	441.2106	440.6875	122.5994	5.9883
695	14.7983	471.1662	441.2391	440.625	122.5994	5.98146
696	14.8153	483.4033	441.3015	440.5625	122.5994	5.97464
697	14.8323	488.3103	441.4201	440.5	122.5994	5.96783
698	14.8493	479.6191	441.6323	440.4375	122.5994	5.96103
699	14.8663	470.3495	441.9925	440.375	122.5994	5.95425
700	14.8833	440.6498	442.571	440.3125	122.5994	5.94749
701	14.9003	433.1613	443.4411	440.25	122.5994	5.94074
702	14.9173	442.4147	444.6557	440.1875	122.5994	5.93401
703	14.9343	461.1214	446.2114	440.125	122.5994	5.9273
704	14.9513	477.79	448.0009	440.0625	122.5994	5.92059
705	14.9683	411.344	449.7548	440	122.5994	5.91391
706	14.9853	468.7428	451.0344	439.9375	122.5994	5.90724
707	15.0023	527.5394	451.4288	439.875	122.5994	5.90058
708	15.0193	459.5427	450.8375	439.8125	122.5994	5.89394
709	15.0363	451.4383	449.4636	439.75	122.5994	5.88732
710	15.0533	467.9728	447.6554	439.6875	122.5994	5.88071
711	15.0703	501.0247	445.7851	439.625	122.5994	5.87411
712	15.0873	500.1809	444.1189	439.5625	122.5994	5.86753
713	15.1043	473.8315	442.7763	439.5	122.5994	5.86096
714	15.1213	481.429	441.7686	439.4375	122.5994	5.85441
715	15.1383	492.1519	441.0485	439.375	122.5994	5.84788
716	15.1553	473.5507	440.547	439.3125	122.5994	5.84136
717	15.1723	472.6634	440.1966	439.25	122.5994	5.83485
718	15.1893	460.6216	439.9435	439.1875	122.5994	5.82836
719	15.2063	428.0118	439.7501	439.125	122.5994	5.82188
720	15.2233	419.8092	439.593	439.0625	122.5994	5.81542
721	15.2403	442.9897	439.4584	439	122.5994	5.80897
722	15.2573	444.9475	439.0262	438.625	122.5994	5.80253
723	15.2743	467.2202	438.6044	438.25	122.5994	5.79611
724	15.2913	470.6807	438.1905	437.875	122.5994	5.78971
725	15.3083	449.4226	437.7826	437.5	122.5994	5.78332
726	15.3253	427.0643	437.3795	437.125	122.5994	5.77694
727	15.3423	430.0462	437.0146	436.75	122.5994	5.77058
728	15.3593	438.2917	436.621	436.375	122.5994	5.76423
729	15.3763	468.1454	436.247	436	122.5994	5.75789
730	15.3933	440.3156	435.86	435.625	122.5994	5.75157
731	15.4103	440.8672	435.4752	435.25	122.5994	5.74527
732	15.4273	425.2072	435.0926	434.875	122.5994	5.73897
733	15.4443	416.1678	434.7119	434.5	122.5994	5.73269

734	15.4613	425.6555	434.333	434.125	122.5994	5.72643
735	15.4783	479.5242	433.9559	433.75	122.5994	5.72018
736	15.4953	482.0736	433.5806	433.375	122.5994	5.71394
737	15.5123	454.3705	433.207	433	122.5994	5.70772
738	15.5293	475.319	432.8354	432.625	122.5994	5.70151
739	15.5463	483.4779	432.4076	432.25	122.5994	5.69531
740	15.5633	445.2595	432.0437	431.875	122.5994	5.68913
741	15.5803	456.6461	431.6529	431.5	122.5994	5.68296
742	15.5973	426.2643	431.296	431.125	122.5994	5.6768
743	15.6143	424.3436	430.9424	430.75	122.5994	5.67066
744	15.6313	424.3679	430.5932	430.375	122.5994	5.66453
745	15.6483	416.5515	430.2499	430	122.5994	5.65842
746	15.6653	465.0758	430.165	429.875	122.5994	5.65231
747	15.6823	416.5873	430.0932	429.75	122.5994	5.64622
748	15.6993	424.945	430.0427	429.625	122.5994	5.64015
749	15.7163	431.0962	430.0278	429.5	122.5994	5.63409
750	15.7333	416.1678	430.071	429.375	122.5994	5.62804
751	15.7503	423.0579	430.2043	429.25	122.5994	5.622
752	15.7673	463.8515	430.4658	429.125	122.5994	5.61598
753	15.7843	448.6859	430.8913	429	122.5994	5.60997
754	15.8013	439.3564	431.4999	428.875	122.5994	5.60397
755	15.8183	421.6898	432.2734	428.75	122.5994	5.59798
756	15.8353	445.16	433.1286	428.625	122.5994	5.59201
757	15.8523	462.5708	433.8894	428.5	122.5994	5.58605
758	15.8693	462.9608	434.3159	428.375	122.5994	5.58011
759	15.8863	437.8451	434.2462	428.25	122.5994	5.57418
760	15.9033	448.0488	433.6977	428.125	122.5994	5.56826
761	15.9203	452.7157	432.8035	428	122.5994	5.56235
762	15.9373	460.1676	431.7458	427.875	122.5994	5.55645
763	15.9543	444.4541	430.7033	427.75	122.5994	5.55057
764	15.9713	424.7987	429.7912	427.625	122.5994	5.5447
765	15.9883	426.1991	429.0524	427.5	122.5994	5.53884
766	16.0053	459.2879	428.4819	427.375	122.5994	5.533
767	16.0223	466.739	428.0505	427.25	122.5994	5.52717
768	16.0393	432.9645	427.722	427.125	122.5994	5.52135
769	16.0563	421.222	427.4633	427	122.5994	5.51554
770	16.0733	412.3711	427.5406	427.1667	122.5994	5.50974
771	16.0903	415.0421	427.6451	427.3333	122.5994	5.50396
772	16.1073	427.771	427.7661	427.5	122.5994	5.49819
773	16.1243	431.9693	427.8975	427.6667	122.5994	5.49243
774	16.1413	447.4878	428.036	427.8333	122.5994	5.48668
775	16.1583	439.9398	428.1794	428	122.5994	5.48095
776	16.1753	464.3601	428.3267	428.1667	122.5994	5.47523
777	16.1923	464.5356	428.4769	428.3333	122.5994	5.46952
778	16.2093	419.174	428.6295	428.5	122.5994	5.46382
779	16.2263	406.9983	428.7841	428.6667	122.5994	5.45813
780	16.2433	423.6138	428.9403	428.8333	122.5994	5.45246
781	16.2603	418.8471	429.0978	429	122.5994	5.4468
782	16.2773	449.7854	429.2564	429.1667	122.5994	5.44115

783	16.2943	416.7454	429.416	429.3333	122.5994	5.43551
784	16.3113	443.0752	429.5764	429.5	122.5994	5.42988
785	16.3283	456.8501	429.7374	429.6667	122.5994	5.42427
786	16.3453	465.6249	429.8991	429.8333	122.5994	5.41866
787	16.3623	443.2628	430.0612	430	122.5994	5.41307
788	16.3793	485.2581	430.2238	430.1667	122.5994	5.40749
789	16.3963	467.555	430.3869	430.3333	122.5994	5.40192
790	16.4133	409.3821	430.5184	430.5	122.5994	5.39637
791	16.4303	436.7554	430.6839	430.6667	122.5994	5.39082
792	16.4473	453.6161	430.8495	430.8333	122.5994	5.38529
793	16.4643	449.9726	431	431	122.5994	5.37977
794	16.4813	461.9907	431.1667	431.1667	122.5994	5.37426
795	16.4983	456.4935	431.3333	431.3333	122.5994	5.36876
796	16.5153	441.0082	431.5	431.5	122.5994	5.36327
797	16.5323	439.9469	431.6667	431.6667	122.5994	5.35779
798	16.5493	429.5967	431.8333	431.8333	122.5994	5.35233
799	16.5663	419.8965	432	432	122.5994	5.34687
800	16.5833	451.5323	432.1667	432.1667	122.5994	5.34143
801	16.6003	426.0827	432.3333	432.3333	122.5994	5.336
802	16.6173	434.6086	432.5	432.5	122.5994	5.33058
803	16.6343	438.8677	432.6667	432.6667	122.5994	5.32517
804	16.6513	437.3114	432.8333	432.8333	122.5994	5.31977
805	16.6683	446.9239	433	433	122.5994	5.31438
806	16.6853	441.0082	433.1667	433.1667	122.5994	5.309
807	16.7023	435.2657	433.3333	433.3333	122.5994	5.30364
808	16.7193	433.4871	433.5	433.5	122.5994	5.29828
809	16.7363	444.5841	433.6667	433.6667	122.5994	5.29294
810	16.7533	433.4346	433.8333	433.8333	122.5994	5.28761
811	16.7703	412.8898	434	434	122.5994	5.28229
812	16.7873	397.4308	434.1667	434.1667	122.5994	5.27698
813	16.8043	419.4255	434.3333	434.3333	122.5994	5.27168
814	16.8213	434.7636	434.5	434.5	122.5994	5.26639
815	16.8383	436.9471	434.6667	434.6667	122.5994	5.26111
816	16.8553	429.891	434.8333	434.8333	122.5994	5.25584
817	16.8723	422.5484	435	435	122.5994	5.25058
818	16.8893	429.1607	434.8333	434.8333	122.5994	5.24534
819	16.9063	466.131	434.6667	434.6667	122.5994	5.2401
820	16.9233	491.1177	434.5	434.5	122.5994	5.23487
821	16.9403	435.7022	434.3333	434.3333	122.5994	5.22966
822	16.9573	420.2934	434.1667	434.1667	122.5994	5.22445
823	16.9743	422.8421	434	434	122.5994	5.21926
824	16.9913	453.0423	433.8333	433.8333	122.5994	5.21408
825	17.0083	466.5687	433.6667	433.6667	122.5994	5.2089
826	17.0253	441.0451	433.5	433.5	122.5994	5.20374
827	17.0423	462.1933	433.3333	433.3333	122.5994	5.19859
828	17.0593	447.1673	436.4812	433.1667	122.5994	5.19345
829	17.0763	417.4323	436.4707	433	122.5994	5.18831
830	17.0933	382.1906	436.4714	432.8333	122.5994	5.18319
831	17.1103	442.7599	438.162	432.6667	122.5994	5.17808

832	17.1273	461.1792	438.2684	432.5	122.5994	5.17298
833	17.1443	431.8233	438.3955	432.3333	122.5994	5.16789
834	17.1613	463.6387	438.5455	432.1667	122.5994	5.16281
835	17.1783	434.5282	438.7209	432	122.5994	5.15774
836	17.1953	448.879	438.9243	431.8333	122.5994	5.15268
837	17.2123	466.3571	439.159	431.6667	122.5994	5.14762
838	17.2293	416.4321	439.4284	431.5	122.5994	5.14258
839	17.2463	444.7061	439.7367	431.3333	122.5994	5.13755
840	17.2633	429.1506	440.0887	431.1667	122.5994	5.13253
841	17.2803	438.8775	440.4897	431	122.5994	5.12752
842	17.2973	415.6549	441.5504	431.4375	122.5994	5.12252
843	17.3143	448.9034	442.6738	431.875	122.5994	5.11753
844	17.3313	446.9803	443.8687	432.3125	122.5994	5.11255
845	17.3483	454.5903	445.1451	432.75	122.5994	5.10758
846	17.3653	433.8164	446.5151	433.1875	122.5994	5.10261
847	17.3823	429.6495	447.993	433.625	122.5994	5.09766
848	17.3993	467.5401	449.5958	434.0625	122.5994	5.09272
849	17.4163	462.4695	451.3443	434.5	122.5994	5.08779
850	17.4333	443.618	453.2644	434.9375	122.5994	5.08286
851	17.4503	468.5406	455.3887	435.375	122.5994	5.07795
852	17.4673	477.2587	457.7603	435.8125	122.5994	5.07305
853	17.4843	469.4773	460.4388	436.25	122.5994	5.06815
854	17.5013	479.3756	463.5107	436.6875	122.5994	5.06327
855	17.5183	475.7591	467.1068	437.125	122.5994	5.05839
856	17.5353	470.31	471.4293	437.5625	122.5994	5.05353
857	17.5523	467.5861	476.7912	438	122.5994	5.04867
858	17.5693	479.4063	483.6658	438.4375	122.5994	5.04382
859	17.5863	501.5856	492.7473	438.875	122.5994	5.03899
860	17.6033	508.4858	504.9956	439.3125	122.5994	5.03416
861	17.6203	479.7589	521.658	439.75	122.5994	5.02934
862	17.6373	495.1876	544.2289	440.1875	122.5994	5.02453
863	17.6543	524.7977	574.3223	440.625	122.5994	5.01973
864	17.6713	561.0164	613.4408	441.0625	122.5994	5.01494
865	17.6883	579.7356	662.6429	441.5	122.5994	5.01016
866	17.7053	582.6968	722.1191	441.9375	122.5994	5.00539
867	17.7223	647.7009	790.675	442.375	122.5994	5.00062
868	17.7393	642.8908	865.0787	442.8125	122.5994	4.99587
869	17.7563	690.0665	939.3838	443.25	122.5994	4.99112
870	17.7733	789.4463	1004.628	443.6875	122.5994	4.98639
871	17.7903	872.6689	1050.331	444.125	122.5994	4.98166
872	17.8073	962.1354	1068.21	444.5625	122.5994	4.97694
873	17.8243	1131.21	1055.689	445	122.5994	4.97224
874	17.8413	1181.761	1016.105	445.4375	122.5994	4.96754
875	17.8583	1107.403	956.6522	445.875	122.5994	4.96285
876	17.8753	1029.999	886.2589	446.3125	122.5994	4.95816
877	17.8923	877.6892	813.4811	446.75	122.5994	4.95349
878	17.9093	754.5414	744.8397	447.1875	122.5994	4.94883
879	17.9263	664.553	684.2723	447.625	122.5994	4.94417
880	17.9433	574.1341	633.5449	448.0625	122.5994	4.93953

881	17.9603	544.4478	592.8391	448.5	122.5994	4.93489
882	17.9773	474.08	561.3311	448.9375	122.5994	4.93026
883	17.9943	466.6668	537.653	449.375	122.5994	4.92564
884	18.0113	479.6044	520.2793	449.8125	122.5994	4.92103
885	18.0283	483.9536	507.6557	450.25	122.5994	4.91643
886	18.0453	481.5114	498.5382	450.6875	122.5994	4.91184
887	18.0623	426.2279	491.8783	451.125	122.5994	4.90725
888	18.0793	454.7918	486.9315	451.5625	122.5994	4.90267
889	18.0963	465.653	483.1673	452	122.5994	4.89811
890	18.1133	455.7974	480.3207	452.5313	122.5994	4.89355
891	18.1303	443.4922	478.0626	453.0625	122.5994	4.889
892	18.1473	460.1793	476.2399	453.5938	122.5994	4.88446
893	18.1643	473.4226	474.7621	454.125	122.5994	4.87992
894	18.1813	473.9083	473.5403	454.6563	122.5994	4.8754
895	18.1983	442.8113	472.5412	455.1875	122.5994	4.87088
896	18.2153	466.7221	471.7189	455.7188	122.5994	4.86638
897	18.2323	472.3444	471.0504	456.25	122.5994	4.86188
898	18.2493	452.4232	470.5133	456.7813	122.5994	4.85739
899	18.2663	466.2747	470.0897	457.3125	122.5994	4.8529
900	18.2833	495.6752	469.7644	457.8438	122.5994	4.84843
901	18.3003	479.2282	469.5251	458.375	122.5994	4.84396
902	18.3173	464.256	469.3611	458.9063	122.5994	4.83951
903	18.3343	457.1358	469.2635	459.4375	122.5994	4.83506
904	18.3513	473.4856	469.2249	459.9688	122.5994	4.83062
905	18.3683	474.6953	469.2389	460.5	122.5994	4.82618
906	18.3853	470.2655	469.3001	461.0313	122.5994	4.82176
907	18.4023	462.777	469.404	461.5625	122.5994	4.81734
908	18.4193	456.4107	469.5468	462.0938	122.5994	4.81294
909	18.4363	459.3836	469.7257	462.625	122.5994	4.80854
910	18.4533	456.5482	469.9388	463.1563	122.5994	4.80414
911	18.4703	472.3239	470.189	463.6875	122.5994	4.79976
912	18.4873	469.1799	470.4695	464.2188	122.5994	4.79539
913	18.5043	478.5528	470.7862	464.75	122.5994	4.79102
914	18.5213	494.1414	470.8699	465.0052	122.5994	4.78666
915	18.5383	457.0236	467.7541	465.2604	122.5994	4.78231
916	18.5553	457.2169	468.0853	465.5156	122.5994	4.77797
917	18.5723	445.4793	468.4794	465.7708	122.5994	4.77363
918	18.5893	452.2666	467.3631	466.026	122.5994	4.7693
919	18.6063	470.9624	467.9937	466.2813	122.5994	4.76498
920	18.6233	458.5801	468.719	466.5365	122.5994	4.76067
921	18.6403	513.5721	469.539	466.7917	122.5994	4.75637
922	18.6573	485.0569	470.4405	467.0469	122.5994	4.75207
923	18.6743	486.2851	471.39	467.3021	122.5994	4.74779
924	18.6913	444.0679	472.3282	467.5573	122.5994	4.74351
925	18.7083	494.0426	473.1713	467.8125	122.5994	4.73923
926	18.7253	526.3559	473.8318	468.0677	122.5994	4.73497
927	18.7423	479.329	474.2565	468.3229	122.5994	4.73071
928	18.7593	491.836	474.4475	468.5781	122.5994	4.72646
929	18.7763	527.8188	474.4505	468.8333	122.5994	4.72222

930	18.7933	561.3277	474.3339	469.0885	122.5994	4.71799
931	18.8103	529.3423	474.1711	469.3438	122.5994	4.71376
932	18.8273	564.0259	474.021	469.599	122.5994	4.70955
933	18.8443	638.8316	473.913	469.8542	122.5994	4.70534
934	18.8613	704.8295	473.8464	470.1094	122.5994	4.70113
935	18.8783	669.8298	473.8032	470.3646	122.5994	4.69694
936	18.8953	651.6904	473.7673	470.6198	122.5994	4.69275
937	18.9123	588.3694	473.735	470.875	122.5994	4.68857
938	18.9293	590.7204	473.7135	471.1302	122.5994	4.6844
939	18.9463	514.4151	473.7149	471.3854	122.5994	4.68023
940	18.9633	502.6459	473.7509	471.6406	122.5994	4.67608
941	18.9803	469.9233	473.8376	471.8958	122.5994	4.67193
942	18.9973	470.8733	473.9367	472.151	122.5994	4.66778
943	19.0143	473.5994	474.0371	472.4063	122.5994	4.66365
944	19.0313	442.7832	474.4996	472.6615	122.5994	4.65952
945	19.0483	439.3831	474.7346	472.9167	122.5994	4.6554
946	19.0653	458.1295	474.828	473.1719	122.5994	4.65129
947	19.0823	459.9677	475.0477	473.4271	122.5994	4.64718
948	19.0993	423.9305	475.2155	473.6823	122.5994	4.64309
949	19.1163	460.8562	475.3727	473.9375	122.5994	4.63899
950	19.1333	475.4784	475.603	474.1927	122.5994	4.63491
951	19.1503	445.2183	476.0717	474.4479	122.5994	4.63084
952	19.1673	463.0861	476.3513	474.7031	122.5994	4.62677
953	19.1843	463.2195	476.7033	474.9583	122.5994	4.6227
954	19.2013	441.0082	477.1311	475.2135	122.5994	4.61865
955	19.2183	445.4523	477.4572	475.4688	122.5994	4.6146
956	19.2353	493.0539	477.8318	475.724	122.5994	4.61056
957	19.2523	474.1214	478.1995	475.9792	122.5994	4.60653
958	19.2693	478.7705	478.5695	476.2344	122.5994	4.6025
959	19.2863	497.0785	478.9543	476.4896	122.5994	4.59849
960	19.3033	488.4191	479.3611	476.7448	122.5994	4.59447
961	19.3203	465.6552	479.7802	477	122.5994	4.59047
962	19.3373	465.346	480.787	477.8229	122.5994	4.58647
963	19.3543	489.3448	481.8169	478.6458	122.5994	4.58248
964	19.3713	465.8445	482.873	479.4688	122.5994	4.5785
965	19.3883	479.4492	483.9597	480.2917	122.5994	4.57452
966	19.4053	485.0534	485.0821	481.1146	122.5994	4.57055
967	19.4223	477.1347	486.247	481.9375	122.5994	4.56659
968	19.4393	507.5401	487.463	482.7604	122.5994	4.56264
969	19.4563	500.3991	488.713	483.5833	122.5994	4.55869
970	19.4733	489.7011	490.0718	484.4063	122.5994	4.55475
971	19.4903	500.0438	492.2562	485.2292	122.5994	4.55081
972	19.5073	482.005	493.8758	486.0521	122.5994	4.54688
973	19.5243	508.0849	495.6987	486.875	122.5994	4.54296
974	19.5413	477.5452	497.8087	487.6979	122.5994	4.53905
975	19.5583	557.9732	500.2701	488.5208	122.5994	4.53514
976	19.5753	511.8101	503.2765	489.3438	122.5994	4.53124
977	19.5923	547.5644	507.1024	490.1667	122.5994	4.52735
978	19.6093	511.1601	512.1906	490.9896	122.5994	4.52346

979	19.6263	528.6165	519.2755	491.8125	122.5994	4.51958
980	19.6433	523.4711	529.3272	492.6354	122.5994	4.51571
981	19.6603	573.9046	543.3625	493.4583	122.5994	4.51184
982	19.6773	555.3288	561.9409	494.2813	122.5994	4.50798
983	19.6943	583.9613	584.2623	495.1042	122.5994	4.50413
984	19.7113	607.4064	607.0098	495.9271	122.5994	4.50029
985	19.7283	620.0216	624.4991	496.75	122.5994	4.49645
986	19.7453	620.0216	633.3128	497.0677	122.5994	4.49261
987	19.7623	623.182	635.8062	497.3854	122.5994	4.48879
988	19.7793	631.4968	633.3174	497.7031	122.5994	4.48497
989	19.7963	631.7972	627.2072	498.0208	122.5994	4.48115
990	19.8133	662.7781	620.267	498.3385	122.5994	4.47735
991	19.8303	677.5481	614.3442	498.6563	122.5994	4.47355
992	19.8473	718.6752	609.7211	498.974	122.5994	4.46975
993	19.8643	693.2733	605.8165	499.2917	122.5994	4.46597
994	19.8813	709.97	601.7345	499.6094	122.5994	4.46219
995	19.8983	727.9043	596.717	499.9271	122.5994	4.45841
996	19.9153	664.4468	590.5103	500.2448	122.5994	4.45465
997	19.9323	644.7207	583.1453	500.5625	122.5994	4.45088
998	19.9493	650.127	575.1364	500.8802	122.5994	4.44713
999	19.9663	617.9547	567.129	501.1979	122.5994	4.44338
1000	19.9833	622.3748	559.7128	501.5156	122.5994	4.43964
1001	20.0003	640.2764	553.5279	501.8333	122.5994	4.4359
1002	20.0173	592.6834	549.2074	502.151	122.5994	4.43218
1003	20.0343	555.4735	547.6259	502.4688	122.5994	4.42845
1004	20.0513	550.7803	550.254	502.7865	122.5994	4.42474
1005	20.0683	531.7678	559.4174	503.1042	122.5994	4.42103
1006	20.0853	532.9871	577.9902	503.4219	122.5994	4.41732
1007	20.1023	538.2501	608.124	503.7396	122.5994	4.41363
1008	20.1193	535.1624	648.9659	504.0573	122.5994	4.40994
1009	20.1363	517.8895	693.1957	504.375	122.5994	4.40625
1010	20.1533	533.5805	724.2071	504.263	122.5994	4.40257
1011	20.1703	549.7469	729.1402	504.151	122.5994	4.3989
1012	20.1873	527.7951	713.2549	504.0391	122.5994	4.39523
1013	20.2043	563.3428	685.3165	503.9271	122.5994	4.39157
1014	20.2213	524.0808	648.8102	503.8151	122.5994	4.38792
1015	20.2383	533.235	617.5045	503.7031	122.5994	4.38427
1016	20.2553	515.1929	586.4785	503.5911	122.5994	4.38063
1017	20.2723	518.5837	563.9852	503.4792	122.5994	4.377
1018	20.2893	499.9008	549.1935	503.3672	122.5994	4.37337
1019	20.3063	509.47	539.7283	503.2552	122.5994	4.36974
1020	20.3233	510.7695	533.8384	503.1432	122.5994	4.36613
1021	20.3403	545.6049	530.0866	503.0313	122.5994	4.36252
1022	20.3573	498.9014	527.5996	502.9193	122.5994	4.35891
1023	20.3743	506.1669	525.9163	502.8073	122.5994	4.35531
1024	20.3913	497.6009	524.8049	502.6953	122.5994	4.35172
1025	20.4083	524.122	524.146	502.5833	122.5994	4.34813
1026	20.4253	515.2996	523.8743	502.4714	122.5994	4.34455
1027	20.4423	513.5995	523.9544	502.3594	122.5994	4.34098

1028	20.4593	496.3662	524.2429	502.2474	122.5994	4.33741
1029	20.4763	525.7163	525.0059	502.1354	122.5994	4.33385
1030	20.4933	499.2791	525.991	502.0234	122.5994	4.33029
1031	20.5103	492.0336	527.2677	501.9115	122.5994	4.32674
1032	20.5273	529.4319	529.2354	501.7995	122.5994	4.3232
1033	20.5443	520.2324	531.6195	501.6875	122.5994	4.31966
1034	20.5613	553.7856	534.5173	501.5755	122.5994	4.31612
1035	20.5783	545.1571	538.0443	501.4635	122.5994	4.3126
1036	20.5953	557.3665	542.2122	501.3516	122.5994	4.30907
1037	20.6123	567.0761	546.989	501.2396	122.5994	4.30556
1038	20.6293	555.4991	552.1158	501.1276	122.5994	4.30205
1039	20.6463	555.4125	558.0643	501.0156	122.5994	4.29855
1040	20.6633	566.787	564.8427	500.9036	122.5994	4.29505
1041	20.6803	579.6449	572.6194	500.7917	122.5994	4.29156
1042	20.6973	585.5838	582.2566	500.6797	122.5994	4.28807
1043	20.7143	625.7849	594.8635	500.5677	122.5994	4.28459
1044	20.7313	697.5707	612.7353	500.4557	122.5994	4.28111
1045	20.7483	764.4251	640.7098	500.3438	122.5994	4.27764
1046	20.7653	815.2085	687.6433	500.2318	122.5994	4.27418
1047	20.7823	890.6878	772.3879	500.1198	122.5994	4.27072
1048	20.7993	960.5762	917.4573	500.0078	122.5994	4.26727
1049	20.8163	1084.093	1145.2	499.8958	122.5994	4.26382
1050	20.8333	1313.516	1461.772	499.7839	122.5994	4.26038
1051	20.8503	1554.445	1830.542	499.6719	122.5994	4.25695
1052	20.8673	1882.655	2146.419	499.5599	122.5994	4.25352
1053	20.8843	2423.453	2279.531	499.4479	122.5994	4.25009
1054	20.9013	3157.576	2229.224	499.3359	122.5994	4.24667
1055	20.9183	3438.209	2077.165	499.224	122.5994	4.24326
1056	20.9353	2826.317	1843.021	499.112	122.5994	4.23985
1057	20.9523	2280.004	1551.59	499	122.5994	4.23645
1058	20.9693	1919.278	1272.224	498.4583	122.5994	4.23306
1059	20.9863	1466.857	1048.687	497.9167	122.5994	4.22967
1060	21.0033	987.8199	883.2898	497.375	122.5994	4.22628
1061	21.0203	725.3194	766.5205	496.8333	122.5994	4.2229
1062	21.0373	686.4528	688.3247	496.2917	122.5994	4.21953
1063	21.0543	690.9169	637.6871	495.75	122.5994	4.21616
1064	21.0713	633.5604	605.0176	495.2083	122.5994	4.2128
1065	21.0883	576.9574	583.7624	494.6667	122.5994	4.20944
1066	21.1053	588.7923	569.882	494.125	122.5994	4.20609
1067	21.1223	581.4374	561.2261	493.5833	122.5994	4.20274
1068	21.1393	540.0448	557.139	493.0417	122.5994	4.1994
1069	21.1563	511.3363	558.0292	492.5	122.5994	4.19606
1070	21.1733	492.8791	564.5948	491.9583	122.5994	4.19273
1071	21.1903	523.5545	576.8072	491.4167	122.5994	4.18941
1072	21.2073	489.9996	592.4568	490.875	122.5994	4.18609
1073	21.2243	524.7202	605.5663	490.3333	122.5994	4.18277
1074	21.2413	526.252	608.718	489.7917	122.5994	4.17946
1075	21.2583	502.2472	601.4778	489.25	122.5994	4.17616
1076	21.2753	538.7219	588.7543	488.7083	122.5994	4.17286

1077	21.2923	514.8732	572.4131	488.1667	122.5994	4.16957
1078	21.3093	529.6296	554.1022	487.625	122.5994	4.16628
1079	21.3263	485.0109	537.4176	487.0833	122.5994	4.163
1080	21.3433	477.5688	524.4173	486.5417	122.5994	4.15972
1081	21.3603	494.4346	515.1945	486	122.5994	4.15645
1082	21.3773	474.2961	509.3535	485.8333	122.5994	4.15318
1083	21.3943	500.5378	505.5132	485.6667	122.5994	4.14992
1084	21.4113	508.2785	502.9949	485.5	122.5994	4.14666
1085	21.4283	440.8185	501.2122	485.3333	122.5994	4.14341
1086	21.4453	472.5884	490.8423	485.1667	122.5994	4.14016
1087	21.4623	471.336	490.3561	485	122.5994	4.13692
1088	21.4793	468.0253	490.0879	484.8333	122.5994	4.13369
1089	21.4963	484.7071	490.0304	484.6667	122.5994	4.13046
1090	21.5133	468.3823	490.7479	484.5	122.5994	4.12723
1091	21.5303	455.47	491.1876	484.3333	122.5994	4.12401
1092	21.5473	459.1984	491.8864	484.1667	122.5994	4.12079
1093	21.5643	481.8325	493.1222	484	122.5994	4.11758
1094	21.5813	491.0778	494.3581	483.8333	122.5994	4.11438
1095	21.5983	492.1992	495.8044	483.6667	122.5994	4.11118
1096	21.6153	501.4848	497.3722	483.5	122.5994	4.10798
1097	21.6323	494.5404	498.923	483.3333	122.5994	4.10479
1098	21.6493	492.9832	500.291	483.1667	122.5994	4.10161
1099	21.6663	482.4791	501.344	483	122.5994	4.09843
1100	21.6833	490.8539	502.0773	482.8333	122.5994	4.09525
1101	21.7003	489.9065	502.4662	482.6667	122.5994	4.09209
1102	21.7173	502.4013	502.4404	482.5	122.5994	4.08892
1103	21.7343	520.4735	502.4538	482.3333	122.5994	4.08576
1104	21.7513	475.7486	502.3324	482.1667	122.5994	4.08261
1105	21.7683	467.7176	501.5961	482	122.5994	4.07946
1106	21.7853	498.3211	501.6563	482.125	122.5994	4.07631
1107	21.8023	460.9789	501.7212	482.25	122.5994	4.07317
1108	21.8193	466.9531	501.8621	482.375	122.5994	4.07004
1109	21.8363	470.8988	502.1508	482.5	122.5994	4.06691
1110	21.8533	482.1936	502.687	482.625	122.5994	4.06378
1111	21.8703	472.4319	503.6763	482.75	122.5994	4.06066
1112	21.8873	478.787	505.2713	482.875	122.5994	4.05754
1113	21.9043	475.5717	507.8278	483	122.5994	4.05443
1114	21.9213	496.0883	511.7566	483.125	122.5994	4.05133
1115	21.9383	528.0296	517.4532	483.25	122.5994	4.04823
1116	21.9553	488.7999	525.3425	483.375	122.5994	4.04513
1117	21.9723	575.1057	535.6672	483.5	122.5994	4.04204
1118	21.9893	504.5984	548.2845	483.625	122.5994	4.03895
1119	22.0063	589.1469	562.2657	483.75	122.5994	4.03587
1120	22.0233	647.5622	575.3967	483.875	122.5994	4.03279
1121	22.0403	618.0098	584.2887	484	122.5994	4.02972
1122	22.0573	653.2829	586.3494	484.125	122.5994	4.02665
1123	22.0743	706.958	581.8276	484.25	122.5994	4.02359
1124	22.0913	684.734	572.5062	484.375	122.5994	4.02053
1125	22.1083	742.43	559.8719	484.5	122.5994	4.01748

1126	22.1253	679.0046	545.6371	484.625	122.5994	4.01443
1127	22.1423	655.8995	531.9086	484.75	122.5994	4.01139
1128	22.1593	596.723	520.2026	484.875	122.5994	4.00835
1129	22.1763	558.5668	511.3286	485	122.5994	4.00532
1130	22.1933	508.7964	504.4221	484.8542	122.5994	4.00229
1131	22.2103	479.1739	499.5872	484.7083	122.5994	3.99926
1132	22.2273	494.2686	496.4521	484.5625	122.5994	3.99624
1133	22.2443	499.621	494.3225	484.4167	122.5994	3.99322
1134	22.2613	509.6453	492.962	484.2708	122.5994	3.99021
1135	22.2783	480.6292	492.1279	484.125	122.5994	3.98721
1136	22.2953	460.4525	491.6697	483.9792	122.5994	3.98421
1137	22.3123	483.3398	491.4997	483.8333	122.5994	3.98121
1138	22.3293	504.8245	491.5632	483.6875	122.5994	3.97822
1139	22.3463	488.5574	491.8159	483.5417	122.5994	3.97523
1140	22.3633	518.6143	492.2036	483.3958	122.5994	3.97224
1141	22.3803	516.1853	492.6617	483.25	122.5994	3.96927
1142	22.3973	496.2489	493.0334	483.1042	122.5994	3.96629
1143	22.4143	478.6549	493.3508	482.9583	122.5994	3.96332
1144	22.4313	475.9748	493.4991	482.8125	122.5994	3.96036
1145	22.4483	496.624	493.4861	482.6667	122.5994	3.9574
1146	22.4653	487.679	493.3365	482.5208	122.5994	3.95444
1147	22.4823	454.2264	493.1799	482.375	122.5994	3.95149
1148	22.4993	467.2322	493.0157	482.2292	122.5994	3.94854
1149	22.5163	504.6213	492.9866	482.0833	122.5994	3.9456
1150	22.5333	515.2406	493.3531	481.9375	122.5994	3.94266
1151	22.5503	505.2375	493.5099	481.7917	122.5994	3.93973
1152	22.5673	494.9435	493.6698	481.6458	122.5994	3.9368
1153	22.5843	482.4403	494.2845	481.5	122.5994	3.93387
1154	22.6013	483.1674	494.1305	481.3542	122.5994	3.93095
1155	22.6183	473.1299	493.7531	481.2083	122.5994	3.92803
1156	22.6353	493.3179	493.1888	481.0625	122.5994	3.92512
1157	22.6523	451.8445	492.5334	480.9167	122.5994	3.92222
1158	22.6693	516.0487	491.8796	480.7708	122.5994	3.91931
1159	22.6863	471.4374	491.2941	480.625	122.5994	3.91641
1160	22.7033	491.2034	491.0267	480.4792	122.5994	3.91352
1161	22.7203	443.1384	491.1414	480.3333	122.5994	3.91063
1162	22.7373	478.8089	491.7576	480.1875	122.5994	3.90774
1163	22.7543	449.5394	492.4726	480.0417	122.5994	3.90486
1164	22.7713	496.2775	494.8647	479.8958	122.5994	3.90199
1165	22.7883	453.6985	497.6967	479.75	122.5994	3.89911
1166	22.8053	454.8424	501.3951	479.6042	122.5994	3.89625
1167	22.8223	475.1488	505.9426	479.4583	122.5994	3.89338
1168	22.8393	518.8558	511.2183	479.3125	122.5994	3.89052
1169	22.8563	513.7628	516.9556	479.1667	122.5994	3.88767
1170	22.8733	529.4467	522.6997	479.0208	122.5994	3.88482
1171	22.8903	514.2665	527.8381	478.875	122.5994	3.88197
1172	22.9073	552.2603	531.7928	478.7292	122.5994	3.87913
1173	22.9243	554.3101	534.3375	478.5833	122.5994	3.87629
1174	22.9413	567.3496	535.7598	478.4375	122.5994	3.87346

1175	22.9583	579.4218	536.7305	478.2917	122.5994	3.87063
1176	22.9753	565.7306	538.1343	478.1458	122.5994	3.8678
1177	22.9923	573.1125	541.0549	478	122.5994	3.86498
1178	23.0093	558.804	546.5065	477.5833	122.5994	3.86216
1179	23.0263	539.6871	556.0718	477.1667	122.5994	3.85935
1180	23.0433	528.4963	570.6119	476.75	122.5994	3.85654
1181	23.0603	519.8497	590.8063	476.3333	122.5994	3.85374
1182	23.0773	529.3169	613.6271	475.9167	122.5994	3.85093
1183	23.0943	548.982	636.1584	475.5	122.5994	3.84814
1184	23.1113	561.2724	650.1613	475.0833	122.5994	3.84535
1185	23.1283	542.1376	646.6307	474.6667	122.5994	3.84256
1186	23.1453	512.9903	630.4139	474.25	122.5994	3.83977
1187	23.1623	520.223	608.6528	473.8333	122.5994	3.83699
1188	23.1793	502.3483	583.825	473.4167	122.5994	3.83422
1189	23.1963	497.1051	557.458	473	122.5994	3.83145
1190	23.2133	505.5236	533.7159	472.5833	122.5994	3.82868
1191	23.2303	488.3814	515.512	472.1667	122.5994	3.82592
1192	23.2473	482.3114	502.9227	471.75	122.5994	3.82316
1193	23.2643	489.7319	494.8371	471.3333	122.5994	3.8204
1194	23.2813	498.8159	489.8622	470.9167	122.5994	3.81765
1195	23.2983	507.9834	486.804	470.5	122.5994	3.8149
1196	23.3153	482.3828	484.8149	470.0833	122.5994	3.81216
1197	23.3323	467.7227	483.5289	469.6667	122.5994	3.80942
1198	23.3493	460.0228	482.6873	469.25	122.5994	3.80669
1199	23.3663	464.6462	482.2039	468.8333	122.5994	3.80396
1200	23.3833	439.5003	482.0482	468.4167	122.5994	3.80123
1201	23.4003	471.142	482.3127	468	122.5994	3.79851
1202	23.4173	483.3113	484.0312	468.5013	122.5994	3.79579
1203	23.4343	499.329	486.5518	469.0026	122.5994	3.79307
1204	23.4513	486.0115	490.3222	469.5039	122.5994	3.79036
1205	23.4683	472.1371	496.0038	470.0052	122.5994	3.78765
1206	23.4853	499.5184	504.4335	470.5065	122.5994	3.78495
1207	23.5023	510.3071	516.4759	471.0078	122.5994	3.78225
1208	23.5193	510.7695	532.7354	471.5091	122.5994	3.77955
1209	23.5363	614.1848	553.1563	472.0104	122.5994	3.77686
1210	23.5533	591.3538	576.4655	472.5117	122.5994	3.77418
1211	23.5703	656.0881	599.4622	473.013	122.5994	3.77149
1212	23.5873	674.8523	617.0086	473.5143	122.5994	3.76881
1213	23.6043	658.6067	624.7393	474.0156	122.5994	3.76614
1214	23.6213	693.3521	622.6755	474.5169	122.5994	3.76346
1215	23.6383	656.2144	613.8467	475.0182	122.5994	3.7608
1216	23.6553	624.2303	600.7863	475.5195	122.5994	3.75813
1217	23.6723	623.3102	586.3267	476.0208	122.5994	3.75547
1218	23.6893	633.629	574.1768	476.5221	122.5994	3.75281
1219	23.7063	596.1797	566.6218	477.0234	122.5994	3.75016
1220	23.7233	567.1702	566.8802	477.5247	122.5994	3.74751
1221	23.7403	577.3062	571.8896	478.026	122.5994	3.74487
1222	23.7573	559.9464	575.9318	478.5273	122.5994	3.74223
1223	23.7743	572.4564	575.6369	479.0286	122.5994	3.73959

1224	23.7913	559.7275	573.02	479.5299	122.5994	3.73696
1225	23.8083	571.2034	570.3505	480.0313	122.5994	3.73433
1226	23.8253	548.3738	566.7161	480.5326	122.5994	3.7317
1227	23.8423	553.164	561.979	481.0339	122.5994	3.72908
1228	23.8593	606.1148	557.252	481.5352	122.5994	3.72646
1229	23.8763	584.6066	552.9048	482.0365	122.5994	3.72384
1230	23.8933	538.7845	548.6218	482.5378	122.5994	3.72123
1231	23.9103	535.7731	544.0695	483.0391	122.5994	3.71863
1232	23.9273	540.5126	539.0454	483.5404	122.5994	3.71602
1233	23.9443	538.1849	533.5224	484.0417	122.5994	3.71342
1234	23.9613	538.4728	527.7234	484.543	122.5994	3.71083
1235	23.9783	522.7092	522.0552	485.0443	122.5994	3.70823
1236	23.9953	519.286	516.9259	485.5456	122.5994	3.70565
1237	24.0123	523.5676	512.631	486.0469	122.5994	3.70306
1238	24.0293	534.0408	509.3411	486.5482	122.5994	3.70048
1239	24.0463	563.9979	507.1502	487.0495	122.5994	3.6979
1240	24.0633	595.1502	506.1282	487.5508	122.5994	3.69533
1241	24.0803	578.8356	506.3568	488.0521	122.5994	3.69276
1242	24.0973	559.7986	507.9407	488.5534	122.5994	3.69019
1243	24.1143	546.7946	510.9936	489.0547	122.5994	3.68763
1244	24.1313	542.9001	515.5939	489.556	122.5994	3.68507
1245	24.1483	532.2563	520.9361	490.0573	122.5994	3.68251
1246	24.1653	550.9738	528.2743	490.5586	122.5994	3.67996
1247	24.1823	572.3786	536.1204	491.0599	122.5994	3.67741
1248	24.1993	556.2796	543.0796	491.5612	122.5994	3.67487
1249	24.2163	564.3548	550.4949	492.0625	122.5994	3.67233
1250	24.2333	587.4668	557.0333	492.2266	122.5994	3.66979
1251	24.2503	603.6364	562.4921	492.3906	122.5994	3.66725
1252	24.2673	618.7166	564.9631	492.5547	122.5994	3.66472
1253	24.2843	610.7132	563.4055	492.7188	122.5994	3.6622
1254	24.3013	629.2223	558.3857	492.8828	122.5994	3.65967
1255	24.3183	644.8902	551.3312	493.0469	122.5994	3.65715
1256	24.3353	610.0868	543.0555	493.2109	122.5994	3.65464
1257	24.3523	605.6575	534.1545	493.375	122.5994	3.65212
1258	24.3693	625.6331	525.5123	493.5391	122.5994	3.64961
1259	24.3863	634.813	518.0211	493.7031	122.5994	3.64711
1260	24.4033	559.2015	512.0715	493.8672	122.5994	3.64461
1261	24.4203	535.1619	507.6445	494.0313	122.5994	3.64211
1262	24.4373	548.1896	504.519	494.1953	122.5994	3.63961
1263	24.4543	543.8184	502.3957	494.3594	122.5994	3.63712
1264	24.4713	503.5991	500.9951	494.5234	122.5994	3.63463
1265	24.4883	528.2422	500.0842	494.6875	122.5994	3.63215
1266	24.5053	509.2233	499.4869	494.8516	122.5994	3.62967
1267	24.5223	511.2615	499.09	495.0156	122.5994	3.62719
1268	24.5393	481.7213	499.2881	495.1797	122.5994	3.62471
1269	24.5563	472.7951	499.1322	495.3438	122.5994	3.62224
1270	24.5733	473.1602	499.0419	495.5078	122.5994	3.61978
1271	24.5903	486.983	499.0029	495.6719	122.5994	3.61731
1272	24.6073	502.8404	499.2408	495.8359	122.5994	3.61485

1273	24.6243	515.0206	499.069	496	122.5994	3.6124
1274	24.6413	480.3886	500.3132	497.3073	122.5994	3.60994
1275	24.6583	474.1217	501.5906	498.6146	122.5994	3.60749
1276	24.6753	486.2716	502.7868	499.9219	122.5994	3.60504
1277	24.6923	510.5517	504.143	501.2292	122.5994	3.6026
1278	24.7093	494.7775	505.5476	502.5365	122.5994	3.60016
1279	24.7263	482.1007	506.9963	503.8438	122.5994	3.59772
1280	24.7433	475.8449	508.3559	505.151	122.5994	3.59529
1281	24.7603	498.0685	509.9403	506.4583	122.5994	3.59286
1282	24.7773	486.3183	512.3831	507.7656	122.5994	3.59043
1283	24.7943	504.8258	514.0933	509.0729	122.5994	3.58801
1284	24.8113	509.8134	515.8887	510.3802	122.5994	3.58559
1285	24.8283	511.4361	517.6597	511.6875	122.5994	3.58317
1286	24.8453	565.6624	519.9725	512.9948	122.5994	3.58076
1287	24.8623	537.0834	522.1359	514.3021	122.5994	3.57835
1288	24.8793	539.3973	524.1906	515.6094	122.5994	3.57594
1289	24.8963	532.4122	526.4441	516.9167	122.5994	3.57354
1290	24.9133	531.1769	528.7422	518.224	122.5994	3.57114
1291	24.9303	526.6647	531.1069	519.5313	122.5994	3.56874
1292	24.9473	538.7888	533.5505	520.8385	122.5994	3.56635
1293	24.9643	569.3576	536.0631	522.1458	122.5994	3.56396
1294	24.9813	548.7781	538.6084	523.4531	122.5994	3.56157
1295	24.9983	612.0394	541.1259	524.7604	122.5994	3.55919
1296	25.0153	499.4577	543.5633	526.0677	122.5994	3.55681
1297	25.0323	569.1912	545.9326	527.375	122.5994	3.55443
1298	25.0493	616.361	548.3819	528.6823	122.5994	3.55206
1299	25.0663	597.1422	551.0301	529.9896	122.5994	3.54969
1300	25.0833	604.6089	554.2694	531.2969	122.5994	3.54732
1301	25.1003	562.9564	558.7893	532.6042	122.5994	3.54496
1302	25.1173	580.6802	565.9238	533.9115	122.5994	3.5426
1303	25.1343	692.0043	577.7802	535.2188	122.5994	3.54024
1304	25.1513	712.1454	597.1384	536.526	122.5994	3.53789
1305	25.1683	696.3516	626.2881	537.8333	122.5994	3.53553
1306	25.1853	779.0466	665.0865	539.1406	122.5994	3.53319
1307	25.2023	859.8251	708.0803	540.4479	122.5994	3.53084
1308	25.2193	921.2352	741.6736	541.7552	122.5994	3.5285
1309	25.2363	900.0168	751.9412	543.0625	122.5994	3.52616
1310	25.2533	887.4375	742.9431	544.3698	122.5994	3.52383
1311	25.2703	824.7771	727.6028	545.6771	122.5994	3.52149
1312	25.2873	818.7564	709.0701	546.9844	122.5994	3.51917
1313	25.3043	762.1761	685.7382	548.2917	122.5994	3.51684
1314	25.3213	698.3537	662.3653	549.599	122.5994	3.51452
1315	25.3383	666.6139	645.2775	550.9063	122.5994	3.5122
1316	25.3553	623.6855	637.0027	552.2135	122.5994	3.50988
1317	25.3723	556.5424	637.3239	553.5208	122.5994	3.50757
1318	25.3893	592.4526	644.5721	554.8281	122.5994	3.50526
1319	25.4063	628.6103	656.149	556.1354	122.5994	3.50295
1320	25.4233	640.8311	668.862	557.4427	122.5994	3.50065
1321	25.4403	654.3735	679.817	558.75	122.5994	3.49835

1322	25.4573	660.5023	687.4365	559.6771	122.5994	3.49605
1323	25.4743	658.2217	692.2412	560.6042	122.5994	3.49375
1324	25.4913	684.5986	693.9643	561.5313	122.5994	3.49146
1325	25.5083	718.2534	691.8651	562.4583	122.5994	3.48917
1326	25.5253	663.1985	686.056	563.3854	122.5994	3.48689
1327	25.5423	645.073	677.6554	564.3125	122.5994	3.48461
1328	25.5593	681.7769	667.7713	565.2396	122.5994	3.48233
1329	25.5763	665.6919	656.9982	566.1667	122.5994	3.48005
1330	25.5933	690.6475	645.7408	567.0938	122.5994	3.47778
1331	25.6103	698.6449	634.6052	568.0208	122.5994	3.47551
1332	25.6273	663.358	624.2495	568.9479	122.5994	3.47324
1333	25.6443	646.9043	615.1223	569.875	122.5994	3.47098
1334	25.6613	673.2931	607.3613	570.8021	122.5994	3.46872
1335	25.6783	675.4687	601.0131	571.7292	122.5994	3.46646
1336	25.6953	682.0646	596.0482	572.6563	122.5994	3.4642
1337	25.7123	655.6697	592.3657	573.5833	122.5994	3.46195
1338	25.7293	697.138	589.8116	574.5104	122.5994	3.4597
1339	25.7463	696.1811	588.0522	575.4375	122.5994	3.45746
1340	25.7633	670.5941	587.0071	576.3646	122.5994	3.45521
1341	25.7803	644.3985	586.4587	577.2917	122.5994	3.45297
1342	25.7973	644.3547	586.2887	578.2188	122.5994	3.45074
1343	25.8143	588.878	586.3345	579.1458	122.5994	3.4485
1344	25.8313	563.6827	586.5856	580.0729	122.5994	3.44627
1345	25.8483	579.2504	586.9724	581	122.5994	3.44404
1346	25.8653	594.4894	587.1551	581.6199	122.5994	3.44182
1347	25.8823	614.2826	587.4123	582.2397	122.5994	3.4396
1348	25.8993	576.6952	587.7285	582.8596	122.5994	3.43738
1349	25.9163	605.152	588.0771	583.4794	122.5994	3.43516
1350	25.9333	601.2755	588.8358	584.0993	122.5994	3.43295
1351	25.9503	639.3928	611.0674	584.7191	122.5994	3.43074
1352	25.9673	624.6697	612.6167	585.339	122.5994	3.42853
1353	25.9843	617.8015	614.0392	585.9588	122.5994	3.42633
1354	26.0013	602.5639	615.8465	586.5787	122.5994	3.42413
1355	26.0183	653.7981	628.6553	587.1985	122.5994	3.42193
1356	26.0353	602.6209	631.4047	587.8184	122.5994	3.41973
1357	26.0523	565.0673	634.5085	588.4382	122.5994	3.41754
1358	26.0693	582.7339	638.0719	589.0581	122.5994	3.41535
1359	26.0863	590.501	642.2667	589.6779	122.5994	3.41316
1360	26.1033	591.605	655.4822	590.2978	122.5994	3.41098
1361	26.1203	603.1402	660.9481	590.9176	122.5994	3.40879
1362	26.1373	638.0057	666.2677	591.5375	122.5994	3.40662
1363	26.1543	678.8031	670.9502	592.1573	122.5994	3.40444
1364	26.1713	690.125	679.9391	592.7772	122.5994	3.40227
1365	26.1883	681.4768	685.2727	593.397	122.5994	3.4001
1366	26.2053	683.9048	691.089	594.0169	122.5994	3.39793
1367	26.2223	672.8529	697.2996	594.6367	122.5994	3.39577
1368	26.2393	652.903	704.3672	595.2566	122.5994	3.3936
1369	26.2563	626.5488	712.0961	595.8764	122.5994	3.39145
1370	26.2733	623.6793	721.2001	596.0937	122.5994	3.38929

1371	26.2903	631.711	731.8571	596.3111	122.5994	3.38714
1372	26.3073	663.0031	744.3484	596.5284	122.5994	3.38499
1373	26.3243	676.2337	758.8547	596.7458	122.5994	3.38284
1374	26.3413	730.8716	776.542	596.9631	122.5994	3.38069
1375	26.3583	788.6571	798.159	597.1805	122.5994	3.37855
1376	26.3753	814.2409	825.1406	597.3978	122.5994	3.37641
1377	26.3923	820.2305	859.3285	597.6152	122.5994	3.37428
1378	26.4093	858.1466	902.6837	597.8325	122.5994	3.37214
1379	26.4263	933.3507	956.6206	598.0498	122.5994	3.37001
1380	26.4433	994.7258	1020.969	598.2672	122.5994	3.36789
1381	26.4603	1102.111	1092.769	598.4845	122.5994	3.36576
1382	26.4773	1272.782	1166.822	598.7019	122.5994	3.36364
1383	26.4943	1346.521	1243.73	598.9192	122.5994	3.36152
1384	26.5113	1510.052	1338.086	599.1366	122.5994	3.3594
1385	26.5283	1725.445	1476.251	599.3539	122.5994	3.35729
1386	26.5453	1967.331	1702.554	599.5712	122.5994	3.35517
1387	26.5623	2372.804	2099.448	599.7886	122.5994	3.35307
1388	26.5793	2815.729	2797.554	600.0059	122.5994	3.35096
1389	26.5963	3420.639	3943.404	600.2233	122.5994	3.34886
1390	26.6133	4388.9	5618.091	600.4406	122.5994	3.34676
1391	26.6303	5810.724	7714.635	600.658	122.5994	3.34466
1392	26.6473	7405.553	9765.08	600.8753	122.5994	3.34256
1393	26.6643	9763.889	10925.97	601.0927	122.5994	3.34047
1394	26.6813	12953.93	10799.17	601.31	122.5994	3.33838
1395	26.6983	14727.57	9998.743	601.5273	122.5994	3.33629
1396	26.7153	11890.29	9100.528	601.7447	122.5994	3.33421
1397	26.7323	8292.685	8056.757	601.962	122.5994	3.33213
1398	26.7493	7648.112	6746.737	602.1794	122.5994	3.33005
1399	26.7663	7654.188	5431.071	602.3967	122.5994	3.32797
1400	26.7833	5765.022	4378.318	602.6141	122.5994	3.3259
1401	26.8003	3509.81	3655.365	602.8314	122.5994	3.32383
1402	26.8173	2652.554	3205.867	603.0488	122.5994	3.32176
1403	26.8343	2425.643	2928.782	603.2661	122.5994	3.31969
1404	26.8513	2511.354	2731.583	603.4835	122.5994	3.31763
1405	26.8683	2579.601	2556.328	603.7008	122.5994	3.31557
1406	26.8853	2592.155	2376.451	603.9182	122.5994	3.31351
1407	26.9023	2303.537	2183.736	604.1355	122.5994	3.31146
1408	26.9193	1994.514	1980.943	604.3528	122.5994	3.3094
1409	26.9363	1799.632	1777.962	604.5702	122.5994	3.30735
1410	26.9533	1575.78	1586.437	604.7875	122.5994	3.30531
1411	26.9703	1369.733	1415.213	605.0049	122.5994	3.30326
1412	26.9873	1171.017	1268.703	605.2222	122.5994	3.30122
1413	27.0043	1006.57	1147.632	605.4396	122.5994	3.29918
1414	27.0213	890.9256	1049.676	605.6569	122.5994	3.29714
1415	27.0383	831.0447	973.1511	605.8743	122.5994	3.29511
1416	27.0553	830.7508	913.8381	606.0916	122.5994	3.29308
1417	27.0723	791.7265	868.2023	606.309	122.5994	3.29105
1418	27.0893	745.7679	773.9	606.1238	122.5994	3.28902
1419	27.1063	726.264	750.5147	605.9386	122.5994	3.287

1420	27.1233	709.3748	732.3804	605.7535	122.5994	3.28497
1421	27.1403	679.6504	717.9977	605.5683	122.5994	3.28295
1422	27.1573	665.6524	707.7324	605.3832	122.5994	3.28094
1423	27.1743	678.0525	698.0575	605.198	122.5994	3.27892
1424	27.1913	651.5966	689.8412	605.0129	122.5994	3.27691
1425	27.2083	617.2884	682.7493	604.8277	122.5994	3.2749
1426	27.2253	616.5851	676.8699	604.6425	122.5994	3.2729
1427	27.2423	596.5751	671.4232	604.4574	122.5994	3.27089
1428	27.2593	620.4145	666.5936	604.2722	122.5994	3.26889
1429	27.2763	578.4243	662.2894	604.0871	122.5994	3.26689
1430	27.2933	622.8369	658.4398	603.9019	122.5994	3.2649
1431	27.3103	592.035	654.9868	603.7168	122.5994	3.2629
1432	27.3273	572.1619	651.8831	603.5316	122.5994	3.26091
1433	27.3443	559.66	649.0896	603.3464	122.5994	3.25892
1434	27.3613	556.9704	646.5742	603.1613	122.5994	3.25694
1435	27.3783	598.1499	644.3105	602.9761	122.5994	3.25495
1436	27.3953	635.7658	642.2768	602.791	122.5994	3.25297
1437	27.4123	649.2197	640.4563	602.6058	122.5994	3.25099
1438	27.4293	669.1558	627.5236	602.4206	122.5994	3.24902
1439	27.4463	725.4658	633.4124	602.2355	122.5994	3.24704
1440	27.4633	755.2256	633.0743	602.0503	122.5994	3.24507
1441	27.4803	816.9522	632.9714	601.8652	122.5994	3.2431
1442	27.4973	835.9785	632.4844	601.2743	122.5994	3.24114
1443	27.5143	984.1779	635.7717	600.6834	122.5994	3.23917
1444	27.5313	918.585	636.1871	600.0925	122.5994	3.23721
1445	27.5483	933.2684	636.9643	599.5016	122.5994	3.23525
1446	27.5653	980.4048	638.1802	598.9107	122.5994	3.2333
1447	27.5823	1045.444	632.0854	598.3198	122.5994	3.23134
1448	27.5993	998.7685	635.1207	597.7289	122.5994	3.22939
1449	27.6163	911.5818	639.4489	597.138	122.5994	3.22744
1450	27.6333	861.7495	646.0336	596.5471	122.5994	3.22549
1451	27.6503	777.8434	651.0972	595.9562	122.5994	3.22355
1452	27.6673	723.1683	663.8356	595.3653	122.5994	3.22161
1453	27.6843	773.0696	680.8041	594.7744	122.5994	3.21967
1454	27.7013	737.8912	702.345	594.1836	122.5994	3.21773
1455	27.7183	701.6568	727.6461	593.5927	122.5994	3.2158
1456	27.7353	729.8868	754.1275	593.0018	122.5994	3.21386
1457	27.7523	736.3037	778.3257	592.4109	122.5994	3.21193
1458	27.7693	817.3424	797.454	591.82	122.5994	3.21001
1459	27.7863	880.6024	812.7568	591.2291	122.5994	3.20808
1460	27.8033	894.7273	828.4928	590.6382	122.5994	3.20616
1461	27.8203	875.6835	848.1449	590.0473	122.5994	3.20424
1462	27.8373	905.1539	875.1848	589.4564	122.5994	3.20232
1463	27.8543	940.1027	914.7003	588.8655	122.5994	3.2004
1464	27.8713	1028.731	973.5986	588.2746	122.5994	3.19849
1465	27.8883	1095.638	1058.214	587.6837	122.5994	3.19658
1466	27.9053	1144.555	1172.032	586.5701	122.5994	3.19467
1467	27.9223	1236.739	1314.324	585.4565	122.5994	3.19276
1468	27.9393	1416.595	1474.276	584.3429	122.5994	3.19086

1469	27.9563	1609.969	1625.581	583.2293	122.5994	3.18896
1470	27.9733	1748.736	1728.609	582.1157	122.5994	3.18706
1471	27.9903	1734.699	1753.936	581.002	122.5994	3.18516
1472	28.0073	1613.379	1709.118	579.8884	122.5994	3.18327
1473	28.0243	1638.515	1622.516	578.7748	122.5994	3.18137
1474	28.0413	1771.081	1510.646	577.6612	122.5994	3.17948
1475	28.0583	1588.102	1377.542	576.5476	122.5994	3.1776
1476	28.0753	1211.369	1233.873	575.434	122.5994	3.17571
1477	28.0923	1015.726	1098.578	574.3204	122.5994	3.17383
1478	28.1093	1005.686	985.4089	573.2068	122.5994	3.17195
1479	28.1263	898.3118	897.9254	572.0931	122.5994	3.17007
1480	28.1433	785.5678	833.0267	570.9795	122.5994	3.16819
1481	28.1603	707.854	786.0616	569.8659	122.5994	3.16632
1482	28.1773	701.552	752.8941	568.7523	122.5994	3.16445
1483	28.1943	740.445	729.9062	567.6387	122.5994	3.16258
1484	28.2113	677.6269	713.6528	566.5251	122.5994	3.16071
1485	28.2283	680.4966	701.061	565.4115	122.5994	3.15884
1486	28.2453	599.5167	689.6393	564.2979	122.5994	3.15698
1487	28.2623	633.9175	677.6444	563.1843	122.5994	3.15512
1488	28.2793	645.1181	664.7986	562.0706	122.5994	3.15326
1489	28.2963	665.0739	652.0676	560.957	122.5994	3.15141
1490	28.3133	629.644	638.8882	559.3755	122.5994	3.14955
1491	28.3303	618.2708	627.0692	557.7939	122.5994	3.1477
1492	28.3473	591.6177	615.7394	556.2124	122.5994	3.14585
1493	28.3643	605.1713	605.2046	554.6309	122.5994	3.14401
1494	28.3813	597.4623	595.5872	553.0493	122.5994	3.14216
1495	28.3983	549.818	587.7659	551.4678	122.5994	3.14032
1496	28.4153	584.9059	581.3448	549.8862	122.5994	3.13848
1497	28.4323	551.7026	576.1604	548.3047	122.5994	3.13664
1498	28.4493	523.2336	572.0181	546.7231	122.5994	3.13481
1499	28.4663	512.3656	568.7374	545.1416	122.5994	3.13297
1500	28.4833	549.9474	566.1853	543.5601	122.5994	3.13114
1501	28.5003	559.572	564.3049	541.9785	122.5994	3.12931
1502	28.5173	567.8623	563.139	540.397	122.5994	3.12749
1503	28.5343	560.7527	562.8332	538.8154	122.5994	3.12566
1504	28.5513	541.3471	563.5743	537.2339	122.5994	3.12384
1505	28.5683	540.8802	565.4318	535.6523	122.5994	3.12202
1506	28.5853	543.3116	568.121	534.0708	122.5994	3.1202
1507	28.6023	558.8321	570.7162	532.4893	122.5994	3.11838
1508	28.6193	539.6811	571.5059	530.9077	122.5994	3.11657
1509	28.6363	552.1479	568.6583	529.3262	122.5994	3.11476
1510	28.6533	560.8309	564.3729	527.7446	122.5994	3.11295
1511	28.6703	547.4144	559.6232	526.1631	122.5994	3.11114
1512	28.6873	537.999	554.7592	524.5815	122.5994	3.10934
1513	28.7043	512.6114	542.8085	523	122.5994	3.10753
1514	28.7213	501.2942	536.8961	521.125	122.5994	3.10573
1515	28.7383	523.5507	531.2216	519.25	122.5994	3.10394
1516	28.7553	534.5441	526.2493	517.375	122.5994	3.10214
1517	28.7723	501.1709	522.0709	515.5	122.5994	3.10034

1518	28.7893	484.009	518.4708	513.625	122.5994	3.09855
1519	28.8063	475.334	515.2595	511.75	122.5994	3.09676
1520	28.8233	467.9403	512.6488	509.875	122.5994	3.09497
1521	28.8403	481.9683	510.2939	508	122.5994	3.09319
1522	28.8573	475.694	508.0447	506.125	122.5994	3.09141
1523	28.8743	464.3844	505.7676	504.25	122.5994	3.08962
1524	28.8913	452.4042	503.6859	502.375	122.5994	3.08784
1525	28.9083	473.3071	501.6504	500.5	122.5994	3.08607
1526	28.9253	486.7676	499.6671	498.625	122.5994	3.08429
1527	28.9423	488.4191	497.6903	496.75	122.5994	3.08252
1528	28.9593	473.4323	495.7318	494.875	122.5994	3.08075
1529	28.9763	501.8497	493.7874	493	122.5994	3.07898
1530	28.9933	510.3111	491.8541	491.125	122.5994	3.07721
1531	29.0103	494.2849	489.93	489.25	122.5994	3.07545
1532	29.0273	526.8917	488.0135	487.375	122.5994	3.07369
1533	29.0443	494.1887	486.1035	485.5	122.5994	3.07193
1534	29.0613	475.5218	484.1992	483.625	122.5994	3.07017
1535	29.0783	479.5413	482.2999	481.75	122.5994	3.06841
1536	29.0953	467.6595	480.4052	479.875	122.5994	3.06666
1537	29.1123	503.683	478.515	478	122.5994	3.0649
1538	29.1293	455.837	478.7144	478.2109	122.5994	3.06315
1539	29.1463	482.0061	478.9178	478.4219	122.5994	3.06141
1540	29.1633	459.7936	479.125	478.6328	122.5994	3.05966
1541	29.1803	445.0447	479.362	478.8438	122.5994	3.05792
1542	29.1973	470.2208	480.3542	479.0547	122.5994	3.05618
1543	29.2143	467.34	480.6134	479.2656	122.5994	3.05444
1544	29.2313	473.5162	480.8818	479.4766	122.5994	3.0527
1545	29.2483	493.9623	481.1613	479.6875	122.5994	3.05096
1546	29.2653	528.9493	481.4675	479.8984	122.5994	3.04923
1547	29.2823	511.3786	482.173	480.1094	122.5994	3.0475
1548	29.2993	470.9974	482.524	480.3203	122.5994	3.04577
1549	29.3163	490.1335	482.9028	480.5313	122.5994	3.04404
1550	29.3333	479.6992	483.3153	480.7422	122.5994	3.04231
1551	29.3503	470.8988	483.6696	480.9531	122.5994	3.04059
1552	29.3673	489.0395	484.1761	481.1641	122.5994	3.03887
1553	29.3843	516.2792	484.7396	481.375	122.5994	3.03715
1554	29.4013	522.1674	485.3674	481.5859	122.5994	3.03543
1555	29.4183	550.5538	486.0152	481.7969	122.5994	3.03372
1556	29.4353	584.1781	486.7888	482.0078	122.5994	3.032
1557	29.4523	619.495	487.6411	482.2188	122.5994	3.03029
1558	29.4693	652.8925	488.5799	482.4297	122.5994	3.02858
1559	29.4863	670.8225	489.6094	482.6406	122.5994	3.02688
1560	29.5033	685.0446	490.7186	482.8516	122.5994	3.02517
1561	29.5203	721.2173	491.8702	483.0625	122.5994	3.02347
1562	29.5373	702.384	492.8732	482.9063	122.5994	3.02177
1563	29.5543	632.9087	493.534	482.75	122.5994	3.02007
1564	29.5713	643.2739	494.0021	482.5938	122.5994	3.01837
1565	29.5883	672.3249	494.2535	482.4375	122.5994	3.01667
1566	29.6053	679.5188	494.3286	482.2813	122.5994	3.01498

1567	29.6223	624.9965	494.42	482.125	122.5994	3.01329
1568	29.6393	576.0523	494.3492	481.9688	122.5994	3.0116
1569	29.6563	552.5254	494.3023	481.8125	122.5994	3.00991
1570	29.6733	569.159	494.3784	481.6563	122.5994	3.00822
1571	29.6903	561.0837	494.7124	481.5	122.5994	3.00654
1572	29.7073	572.2415	495.5865	481.3438	122.5994	3.00486
1573	29.7243	556.4505	496.9586	481.1875	122.5994	3.00318
1574	29.7413	576.3971	499.1709	481.0313	122.5994	3.0015
1575	29.7583	543.9272	502.4987	480.875	122.5994	2.99983
1576	29.7753	571.7883	507.2573	480.7188	122.5994	2.99815
1577	29.7923	584.7134	513.837	480.5625	122.5994	2.99648
1578	29.8093	594.7017	522.4139	480.4063	122.5994	2.99481
1579	29.8263	540.9538	533.2388	480.25	122.5994	2.99314
1580	29.8433	589.153	546.3176	480.0938	122.5994	2.99147
1581	29.8603	600.2196	561.3615	479.9375	122.5994	2.98981
1582	29.8773	670.3922	577.6509	479.7813	122.5994	2.98815
1583	29.8943	652.0712	593.8962	479.625	122.5994	2.98649
1584	29.9113	691.4409	608.2533	479.4688	122.5994	2.98483
1585	29.9283	610.9659	618.7479	479.3125	122.5994	2.98317
1586	29.9453	677.0914	624.1792	479.1563	122.5994	2.98152
1587	29.9623	689.09	625.2279	479	122.5994	2.97986
1588	29.9793	696.8833	622.1327	478.8438	122.5994	2.97821
1589	29.9963	626.7614	616.5665	478.6875	122.5994	2.97656
1590	30.0133	583.8255	609.383	478.5313	122.5994	2.97492
1591	30.0303	573.9946	601.3438	478.375	122.5994	2.97327
1592	30.0473	565.3466	592.9847	478.2188	122.5994	2.97163
1593	30.0643	560.4993	584.0266	478.0625	122.5994	2.96999
1594	30.0813	566.1402	574.1069	477.9063	122.5994	2.96835
1595	30.0983	577.7543	563.3148	477.75	122.5994	2.96671
1596	30.1153	553.5826	552.7374	477.5938	122.5994	2.96507
1597	30.1323	553.7214	543.3671	477.4375	122.5994	2.96344
1598	30.1493	532.3504	535.3661	477.2813	122.5994	2.96181
1599	30.1663	538.2501	528.5151	477.125	122.5994	2.96018
1600	30.1833	530.746	522.91	476.9688	122.5994	2.95855
1601	30.2003	515.9815	518.838	476.8125	122.5994	2.95692
1602	30.2173	527.2393	516.1903	476.6563	122.5994	2.9553
1603	30.2343	543.1984	514.3181	476.5	122.5994	2.95367
1604	30.2513	545.1236	512.3754	476.3438	122.5994	2.95205
1605	30.2683	564.424	510.0049	476.1875	122.5994	2.95043
1606	30.2853	548.4177	507.4764	476.0313	122.5994	2.94881
1607	30.3023	529.5268	505.0852	475.875	122.5994	2.9472
1608	30.3193	525.6796	502.96	475.7188	122.5994	2.94558
1609	30.3363	506.3608	501.0969	475.5625	122.5994	2.94397
1610	30.3533	505.6468	499.5024	475.0391	122.5994	2.94236
1611	30.3703	499.2784	499.1741	474.5156	122.5994	2.94075
1612	30.3873	478.3011	500.7958	473.9922	122.5994	2.93915
1613	30.4043	529.7343	504.8429	473.4688	122.5994	2.93754
1614	30.4213	518.0136	511.5447	472.9453	122.5994	2.93594
1615	30.4383	524.933	520.6921	472.4219	122.5994	2.93434

1616	30.4553	530.168	531.368	471.8984	122.5994	2.93274
1617	30.4723	550.5487	541.605	471.375	122.5994	2.93114
1618	30.4893	534.8295	548.528	470.8516	122.5994	2.92955
1619	30.5063	571.0863	550.0615	470.3281	122.5994	2.92795
1620	30.5233	597.05	546.8203	469.8047	122.5994	2.92636
1621	30.5403	571.3074	541.499	469.2813	122.5994	2.92477
1622	30.5573	497.9477	534.2924	468.7578	122.5994	2.92318
1623	30.5743	484.4526	525.7161	468.2344	122.5994	2.9216
1624	30.5913	508.6543	515.8924	467.7109	122.5994	2.92001
1625	30.6083	519.2679	505.8426	467.1875	122.5994	2.91843
1626	30.6253	489.5534	497.1037	466.6641	122.5994	2.91685
1627	30.6423	484.0732	489.5023	466.1406	122.5994	2.91527
1628	30.6593	474.9792	483.5628	465.6172	122.5994	2.91369
1629	30.6763	437.7912	478.3417	465.0938	122.5994	2.91211
1630	30.6933	472.1641	475.1008	464.5703	122.5994	2.91054
1631	30.7103	492.0842	472.7311	464.0469	122.5994	2.90897
1632	30.7273	424.3679	470.9835	463.5234	122.5994	2.9074
1633	30.7443	435.3078	469.6341	463	122.5994	2.90583
1634	30.7613	515.5717	468.14	462.6914	122.5994	2.90426
1635	30.7783	491.9426	467.4523	462.3828	122.5994	2.9027
1636	30.7953	516.4645	466.7604	462.0742	122.5994	2.90113
1637	30.8123	540.1138	466.2722	461.7656	122.5994	2.89957
1638	30.8293	539.4504	465.8487	461.457	122.5994	2.89801
1639	30.8463	573.6813	465.4807	461.1484	122.5994	2.89645
1640	30.8633	572.8288	465.2544	460.8398	122.5994	2.89489
1641	30.8803	589.1103	465.0042	460.5313	122.5994	2.89334
1642	30.8973	607.069	464.7924	460.2227	122.5994	2.89179
1643	30.9143	650.3378	464.628	459.9141	122.5994	2.89023
1644	30.9313	643.6705	464.5164	459.6055	122.5994	2.88868
1645	30.9483	683.6584	464.4572	459.2969	122.5994	2.88714
1646	30.9653	772.9161	464.4714	458.9883	122.5994	2.88559
1647	30.9823	857.9372	464.5513	458.6797	122.5994	2.88405
1648	30.9993	919.1939	464.8999	458.3711	122.5994	2.8825
1649	31.0163	871.6326	465.2103	458.0625	122.5994	2.88096
1650	31.0333	789.856	465.5378	457.7539	122.5994	2.87942
1651	31.0503	770.0879	465.981	457.4453	122.5994	2.87788
1652	31.0673	742.0015	467.0841	457.1367	122.5994	2.87635
1653	31.0843	708.6822	468.7732	456.8281	122.5994	2.87481
1654	31.1013	665.3452	471.0554	456.5195	122.5994	2.87328
1655	31.1183	590.4774	474.0254	456.2109	122.5994	2.87175
1656	31.1353	549.4021	478.4115	455.9023	122.5994	2.87022
1657	31.1523	518.6723	484.2436	455.5938	122.5994	2.86869
1658	31.1693	513.5665	491.4171	454.9342	122.5994	2.86717
1659	31.1863	526.0238	500.455	454.2747	122.5994	2.86564
1660	31.2033	513.1858	511.3784	453.6152	122.5994	2.86412
1661	31.2203	573.5979	523.9417	452.9557	122.5994	2.8626
1662	31.2373	582.3521	537.4603	452.2962	122.5994	2.86108
1663	31.2543	561.5393	550.692	451.6367	122.5994	2.85956
1664	31.2713	571.8519	561.9537	450.9772	122.5994	2.85805

1665	31.2883	652.1549	569.5808	450.3177	122.5994	2.85653
1666	31.3053	633.0449	572.4222	449.6582	122.5994	2.85502
1667	31.3223	608.1538	570.1545	448.9987	122.5994	2.85351
1668	31.3393	584.0449	564.0586	448.3392	122.5994	2.852
1669	31.3563	602.4716	554.3602	447.6797	122.5994	2.85049
1670	31.3733	618.695	542.7797	447.0202	122.5994	2.84899
1671	31.3903	574.5293	530.1525	446.3607	122.5994	2.84748
1672	31.4073	571.2207	517.2714	445.7012	122.5994	2.84598
1673	31.4243	543.5383	505.3862	445.0417	122.5994	2.84448
1674	31.4413	529.0559	494.8276	444.3822	122.5994	2.84298
1675	31.4583	497.0566	486.2954	443.7227	122.5994	2.84148
1676	31.4753	484.8945	479.7386	443.0632	122.5994	2.83999
1677	31.4923	506.8139	474.7681	442.4036	122.5994	2.83849
1678	31.5093	514.8657	470.9061	441.7441	122.5994	2.837
1679	31.5263	508.4387	467.8884	441.0846	122.5994	2.83551
1680	31.5433	486.762	465.6825	440.4251	122.5994	2.83402
1681	31.5603	477.8424	464.2543	439.7656	122.5994	2.83253
1682	31.5773	481.2835	463.4626	439.1061	122.5994	2.83105
1683	31.5943	436.5648	463.1631	438.4466	122.5994	2.82956
1684	31.6113	488.3632	463.3461	437.7871	122.5994	2.82808
1685	31.6283	482.3138	464.099	437.1276	122.5994	2.8266
1686	31.6453	468.9273	465.4681	436.4681	122.5994	2.82512
1687	31.6623	490.874	467.3891	435.8086	122.5994	2.82364
1688	31.6793	493.339	469.6026	435.1491	122.5994	2.82216
1689	31.6963	470.2696	471.7136	434.4896	122.5994	2.82069
1690	31.7133	443.8353	473.1996	433.8301	122.5994	2.81922
1691	31.7303	447.9151	473.5775	433.1706	122.5994	2.81774
1692	31.7473	463.5089	472.6205	432.5111	122.5994	2.81627
1693	31.7643	491.0526	470.52	431.8516	122.5994	2.81481
1694	31.7813	480.9366	467.7379	431.1921	122.5994	2.81334
1695	31.7983	468.9563	464.5889	430.5326	122.5994	2.81187
1696	31.8153	466.5687	461.2162	429.873	122.5994	2.81041
1697	31.8323	453.9506	457.776	429.2135	122.5994	2.80895
1698	31.8493	438.8583	454.5906	428.554	122.5994	2.80749
1699	31.8663	445.8429	452.0633	427.8945	122.5994	2.80603
1700	31.8833	463.2647	450.5232	427.235	122.5994	2.80457
1701	31.9003	488.7328	450.2183	426.5755	122.5994	2.80311
1702	31.9173	470.4167	451.3504	425.916	122.5994	2.80166
1703	31.9343	479.0959	454.0897	425.2565	122.5994	2.80021
1704	31.9513	453.1157	458.5638	424.597	122.5994	2.79876
1705	31.9683	471.2096	464.8228	423.9375	122.5994	2.79731
1706	31.9853	505.1293	472.4333	422.9271	122.5994	2.79586
1707	32.0023	501.1918	481.4548	421.9167	122.5994	2.79441
1708	32.0193	497.3563	490.6393	420.9062	122.5994	2.79297
1709	32.0363	552.6648	500.2868	419.8958	122.5994	2.79152
1710	32.0533	493.898	508.3091	418.8854	122.5994	2.79008
1711	32.0703	491.7756	513.2943	417.875	122.5994	2.78864
1712	32.0873	511.8989	514.4886	416.8646	122.5994	2.7872
1713	32.1043	526.8189	511.7766	415.8542	122.5994	2.78577

1714	32.1213	497.9484	506.6637	414.8437	122.5994	2.78433
1715	32.1383	512.6386	499.4337	413.8333	122.5994	2.7829
1716	32.1553	471.3644	490.5365	412.8229	122.5994	2.78147
1717	32.1723	503.2181	480.3862	411.8125	122.5994	2.78003
1718	32.1893	476.9446	469.6338	410.8021	122.5994	2.7786
1719	32.2063	434.0904	459.0182	409.7917	122.5994	2.77718
1720	32.2233	457.6767	449.1412	408.7812	122.5994	2.77575
1721	32.2403	432.9024	440.3919	407.7708	122.5994	2.77433
1722	32.2573	457.4156	432.9153	406.7604	122.5994	2.7729
1723	32.2743	443.8244	426.6703	405.75	122.5994	2.77148
1724	32.2913	491.4681	421.6913	404.7396	122.5994	2.77006
1725	32.3083	418.455	417.447	403.7292	122.5994	2.76864
1726	32.3253	441.0588	413.9341	402.7187	122.5994	2.76722
1727	32.3423	435.8876	411.0447	401.7083	122.5994	2.76581
1728	32.3593	407.9492	408.6226	400.6979	122.5994	2.76439
1729	32.3763	424.0391	406.6439	399.6875	122.5994	2.76298
1730	32.3933	413.128	404.3991	398.2422	122.5994	2.76157
1731	32.4103	438.4646	402.3349	396.7969	122.5994	2.76016
1732	32.4273	399.9616	400.4185	395.3516	122.5994	2.75875
1733	32.4443	398.9909	398.6055	393.9063	122.5994	2.75735
1734	32.4613	392.5628	396.7111	392.4609	122.5994	2.75594
1735	32.4783	389.0196	395.0501	391.0156	122.5994	2.75454
1736	32.4953	410.8496	393.4585	389.5703	122.5994	2.75313
1737	32.5123	425.361	391.9302	388.125	122.5994	2.75173
1738	32.5293	406.1336	390.386	386.6797	122.5994	2.75033
1739	32.5463	399.1341	389.062	385.2344	122.5994	2.74894
1740	32.5633	404.0639	387.8436	383.7891	122.5994	2.74754
1741	32.5803	403.9712	386.8802	382.3438	122.5994	2.74615
1742	32.5973	380.7218	386.3893	380.8984	122.5994	2.74475
1743	32.6143	364.5207	386.7661	379.4531	122.5994	2.74336
1744	32.6313	372.4421	388.3466	378.0078	122.5994	2.74197
1745	32.6483	385.1364	391.3601	376.5625	122.5994	2.74058
1746	32.6653	420.0558	395.534	375.1172	122.5994	2.73919
1747	32.6823	411.4596	399.5916	373.6719	122.5994	2.73781
1748	32.6993	385.0586	401.151	372.2266	122.5994	2.73642
1749	32.7163	392.2685	398.8145	370.7813	122.5994	2.73504
1750	32.7333	385.1122	394.411	369.3359	122.5994	2.73366
1751	32.7503	373.7951	390.2613	367.8906	122.5994	2.73228
1752	32.7673	375.1523	386.9267	366.4453	122.5994	2.7309
1753	32.7843	360.3597	383.4125	365	122.5994	2.72952
1754	32.8013	358.8337	381.2371	365.9583	122.5994	2.72815
1755	32.8183	375.2852	378.0806	366.9167	122.5994	2.72677
1756	32.8353	389.1858	375.8494	367.875	122.5994	2.7254
1757	32.8523	398.3222	374.4424	368.8333	122.5994	2.72403
1758	32.8693	399.9616	373.8012	369.7917	122.5994	2.72266
1759	32.8863	367.85	373.7804	370.75	122.5994	2.72129
1760	32.9033	400.8152	373.9106	371.7083	122.5994	2.71992
1761	32.9203	408.0009	374.5421	372.6667	122.5994	2.71856
1762	32.9373	400.937	375.3178	373.625	122.5994	2.71719

1763	32.9543	389.104	376.148	374.5833	122.5994	2.71583
1764	32.9713	388.1417	377.0251	375.5417	122.5994	2.71447
1765	32.9883	410.9658	377.9377	376.5	122.5994	2.71311
1766	33.0053	436.1804	378.881	377.4583	122.5994	2.71175
1767	33.0223	466.5521	379.8539	378.4167	122.5994	2.71039
1768	33.0393	392.3237	380.8588	379.375	122.5994	2.70904
1769	33.0563	406.3446	381.9018	380.3333	122.5994	2.70768
1770	33.0733	460.4639	382.9929	381.2917	122.5994	2.70633
1771	33.0903	434.0067	384.147	382.25	122.5994	2.70498
1772	33.1073	445.0399	385.3841	383.2083	122.5994	2.70363
1773	33.1243	408.6083	386.5563	384.1667	122.5994	2.70228
1774	33.1413	415.0983	388.0468	385.125	122.5994	2.70093
1775	33.1583	430.5918	389.6954	386.0833	122.5994	2.69958
1776	33.1753	424.1809	391.5248	387.0417	122.5994	2.69824
1777	33.1923	428.03	393.449	388	122.5994	2.6969
1778	33.2093	383.0649	395.6487	388.9583	122.5994	2.69556
1779	33.2263	406.6895	397.979	389.9167	122.5994	2.69422
1780	33.2433	439.1345	400.3543	390.875	122.5994	2.69288
1781	33.2603	406.0567	402.6546	391.8333	122.5994	2.69154
1782	33.2773	374.947	404.7623	392.7917	122.5994	2.6902
1783	33.2943	348.8152	406.5953	393.75	122.5994	2.68887
1784	33.3113	377.109	408.1011	394.7083	122.5994	2.68753
1785	33.3283	377.2281	409.2437	395.6667	122.5994	2.6862
1786	33.3453	365.8938	410.0286	396.625	122.5994	2.68487
1787	33.3623	403.1912	410.5353	397.5833	122.5994	2.68354
1788	33.3793	437.8674	410.8955	398.5417	122.5994	2.68221
1789	33.3963	431.8998	411.2401	399.5	122.5994	2.68089
1790	33.4133	402.173	411.6718	400.4583	122.5994	2.67956
1791	33.4303	394.0432	412.2762	401.4167	122.5994	2.67824
1792	33.4473	411.2502	413.1331	402.375	122.5994	2.67692
1793	33.4643	401.9226	414.2978	403.3333	122.5994	2.6756
1794	33.4813	400.3766	415.7726	404.2917	122.5994	2.67428
1795	33.4983	416.9481	417.6264	405.25	122.5994	2.67296
1796	33.5153	410.1145	419.4635	406.2083	122.5994	2.67164
1797	33.5323	404.0639	421.235	407.1667	122.5994	2.67033
1798	33.5493	385.5925	422.7721	408.125	122.5994	2.66901
1799	33.5663	392.6353	423.9602	409.0833	122.5994	2.6677
1800	33.5833	423.063	424.8266	410.0417	122.5994	2.66639
1801	33.6003	414.7541	425.263	411	122.5994	2.66508
1802	33.6173	404.975	425.4259	412	122.5994	2.66377
1803	33.6343	413.3541	425.3351	413	122.5994	2.66246
1804	33.6513	422.7255	425.0653	414	122.5994	2.66115
1805	33.6683	417.6337	424.7036	415	122.5994	2.65985
1806	33.6853	409.4193	424.3403	416	122.5994	2.65855
1807	33.7023	397.6744	424.0546	417	122.5994	2.65724
1808	33.7193	389.0039	424.0362	418	122.5994	2.65594
1809	33.7363	388.1417	424.0651	419	122.5994	2.65464
1810	33.7533	406.4643	424.28	420	122.5994	2.65335
1811	33.7703	427.4101	424.6768	421	122.5994	2.65205

1812	33.7873	432.4576	425.2398	422	122.5994	2.65075
1813	33.8043	380.9572	425.9774	423	122.5994	2.64946
1814	33.8213	369.0653	426.8202	424	122.5994	2.64817
1815	33.8383	419.2025	427.7949	425	122.5994	2.64687
1816	33.8553	384.1232	428.8948	426	122.5994	2.64558
1817	33.8723	387.4759	430.3005	427	122.5994	2.6443
1818	33.8893	425.7405	431.8995	428	122.5994	2.64301
1819	33.9063	402.3205	433.7441	429	122.5994	2.64172
1820	33.9233	415.3207	436.046	430	122.5994	2.64044
1821	33.9403	393.8641	438.9062	431	122.5994	2.63915
1822	33.9573	446.0359	442.4436	432	122.5994	2.63787
1823	33.9743	447.6867	446.4575	433	122.5994	2.63659
1824	33.9913	441.0588	450.7481	434	122.5994	2.63531
1825	34.0083	444.0756	454.6694	435	122.5994	2.63403
1826	34.0253	445.8119	457.4844	436	122.5994	2.63275
1827	34.0423	410.5558	458.8455	437	122.5994	2.63148
1828	34.0593	401.6351	458.9525	438	122.5994	2.6302
1829	34.0763	436.1464	458.6278	439	122.5994	2.62893
1830	34.0933	418.3271	458.1809	440	122.5994	2.62766
1831	34.1103	460.2038	457.5969	441	122.5994	2.62639
1832	34.1273	442.7386	456.6791	442	122.5994	2.62512
1833	34.1443	439.6167	455.5193	443	122.5994	2.62385
1834	34.1613	445.7914	454.7428	444	122.5994	2.62258
1835	34.1783	450.7501	454.1232	445	122.5994	2.62132
1836	34.1953	454.0904	454.0099	446	122.5994	2.62005
1837	34.2123	424.4072	454.4826	447	122.5994	2.61879
1838	34.2293	436.8292	455.6222	448	122.5994	2.61753
1839	34.2463	452.642	457.9419	449	122.5994	2.61627
1840	34.2633	443.3506	461.147	450	122.5994	2.61501
1841	34.2803	455.3234	465.731	451	122.5994	2.61375
1842	34.2973	462.2057	471.6486	452	122.5994	2.61249
1843	34.3143	467.7816	478.048	453	122.5994	2.61124
1844	34.3313	459.5871	483.6248	454	122.5994	2.60998
1845	34.3483	486.1388	485.6508	455	122.5994	2.60873
1846	34.3653	465.3291	485.4113	456	122.5994	2.60748
1847	34.3823	449.3969	485.0405	457	122.5994	2.60623
1848	34.3993	440.1454	485.7526	458	122.5994	2.60498
1849	34.4163	462.7397	487.1917	459	122.5994	2.60373
1850	34.4333	474.253	488.2296	459.875	122.5994	2.60249
1851	34.4503	485.9071	488.3796	460.75	122.5994	2.60124
1852	34.4673	514.3422	488.6874	461.625	122.5994	2.6
1853	34.4843	531.5892	489.9009	462.5	122.5994	2.59875
1854	34.5013	549.7689	492.3033	463.375	122.5994	2.59751
1855	34.5183	527.5102	495.834	464.25	122.5994	2.59627
1856	34.5353	545.4889	500.2845	465.125	122.5994	2.59503
1857	34.5523	525.8824	505.1928	466	122.5994	2.5938
1858	34.5693	511.4335	510.08	466.875	122.5994	2.59256
1859	34.5863	515.1377	514.7653	467.75	122.5994	2.59132
1860	34.6033	506.3291	518.7251	468.625	122.5994	2.59009

1861	34.6203	565.9106	521.8521	469.5	122.5994	2.58886
1862	34.6373	541.9984	524.5126	470.375	122.5994	2.58762
1863	34.6543	520.3694	527.2399	471.25	122.5994	2.58639
1864	34.6713	527.5221	530.8885	472.125	122.5994	2.58516
1865	34.6883	508.335	535.6879	473	122.5994	2.58394
1866	34.7053	490.1834	541.1838	473.875	122.5994	2.58271
1867	34.7223	509.2541	545.855	474.75	122.5994	2.58148
1868	34.7393	550.5983	547.5588	475.625	122.5994	2.58026
1869	34.7563	534.1866	546.6105	476.5	122.5994	2.57904
1870	34.7733	506.9948	546.5941	477.375	122.5994	2.57781
1871	34.7903	539.691	549.8412	478.25	122.5994	2.57659
1872	34.8073	530.1338	556.541	479.125	122.5994	2.57537
1873	34.8243	536.2665	564.5577	480	122.5994	2.57416
1874	34.8413	554.2144	570.6223	480.526	122.5994	2.57294
1875	34.8583	576.1353	573.4476	481.0521	122.5994	2.57172
1876	34.8753	586.6063	573.7661	481.5781	122.5994	2.57051
1877	34.8923	632.2884	574.1462	482.1042	122.5994	2.56929
1878	34.9093	622.2623	576.3841	482.6302	122.5994	2.56808
1879	34.9263	611.917	580.0283	483.1563	122.5994	2.56687
1880	34.9433	650.1876	584.098	483.6823	122.5994	2.56566
1881	34.9603	643.4824	587.8853	484.2083	122.5994	2.56445
1882	34.9773	646.9931	592.1492	484.7344	122.5994	2.56325
1883	34.9943	665.6731	598.0401	485.2604	122.5994	2.56204
1884	35.0113	639.4669	606.1979	485.7865	122.5994	2.56083
1885	35.0283	634.4714	616.107	486.3125	122.5994	2.55963
1886	35.0453	652.4447	625.3959	486.8385	122.5994	2.55843
1887	35.0623	635.5522	629.917	487.3646	122.5994	2.55723
1888	35.0793	643.3379	626.3482	487.8906	122.5994	2.55603
1889	35.0963	645.7886	616.7245	488.4167	122.5994	2.55483
1890	35.1133	650.0144	605.1905	488.9427	122.5994	2.55363
1891	35.1303	602.4623	594.6597	489.4688	122.5994	2.55243
1892	35.1473	579.2501	584.8083	489.9948	122.5994	2.55124
1893	35.1643	554.0085	573.8335	490.5208	122.5994	2.55004
1894	35.1813	563.5187	561.349	491.0469	122.5994	2.54885
1895	35.1983	539.5484	548.9489	491.5729	122.5994	2.54766
1896	35.2153	494.1498	538.2534	492.099	122.5994	2.54647
1897	35.2323	534.5929	529.9375	492.625	122.5994	2.54528
1898	35.2493	528.608	523.6177	492.7526	122.5994	2.54409
1899	35.2663	501.6382	519.3492	492.8802	122.5994	2.5429
1900	35.2833	505.0571	516.7184	493.0078	122.5994	2.54171
1901	35.3003	518.1726	515.3033	493.1354	122.5994	2.54053
1902	35.3173	495.5409	515.597	493.263	122.5994	2.53934
1903	35.3343	488.6996	515.5456	493.3906	122.5994	2.53816
1904	35.3513	526.7358	515.4691	493.5182	122.5994	2.53698
1905	35.3683	520.2126	515.3201	493.6458	122.5994	2.5358
1906	35.3853	501.9191	515.0549	493.7734	122.5994	2.53462
1907	35.4023	467.2782	515.1557	493.901	122.5994	2.53344
1908	35.4193	541.9456	514.9893	494.0286	122.5994	2.53226
1909	35.4363	508.5953	514.9293	494.1563	122.5994	2.53109

1910	35.4533	470.2013	515.0015	494.2839	122.5994	2.52991
1911	35.4703	465.2524	515.4788	494.4115	122.5994	2.52874
1912	35.4873	490.7237	516.4958	494.5391	122.5994	2.52757
1913	35.5043	474.6978	518.5721	494.6667	122.5994	2.5264
1914	35.5213	479.4415	522.5474	494.7943	122.5994	2.52523
1915	35.5383	523.6469	529.5547	494.9219	122.5994	2.52406
1916	35.5553	517.9406	540.5519	495.0495	122.5994	2.52289
1917	35.5723	524.3193	555.7572	495.1771	122.5994	2.52172
1918	35.5893	568.9369	572.8859	495.3047	122.5994	2.52056
1919	35.6063	547.9774	586.4131	495.4323	122.5994	2.51939
1920	35.6233	499.2723	589.2718	495.5599	122.5994	2.51823
1921	35.6403	483.2546	582.168	495.6875	122.5994	2.51707
1922	35.6573	526.0807	573.0383	495.4167	122.5994	2.51591
1923	35.6743	542.2695	567.512	495.1458	122.5994	2.51475
1924	35.6913	525.6112	565.7153	494.875	122.5994	2.51359
1925	35.7083	517.8152	563.6681	494.6042	122.5994	2.51243
1926	35.7253	494.5074	558.1252	494.3333	122.5994	2.51127
1927	35.7423	501.5765	551.1152	494.0625	122.5994	2.51012
1928	35.7593	471.9261	544.9055	493.7917	122.5994	2.50896
1929	35.7763	474.7738	540.3599	493.5208	122.5994	2.50781
1930	35.7933	492.9057	537.9525	493.25	122.5994	2.50666
1931	35.8103	476.6909	536.7996	492.9792	122.5994	2.50551
1932	35.8273	496.3769	537.2027	492.7083	122.5994	2.50436
1933	35.8443	484.0885	538.2821	492.4375	122.5994	2.50321
1934	35.8613	456.1695	541.6818	492.1667	122.5994	2.50206
1935	35.8783	484.8493	544.5481	491.8958	122.5994	2.50091
1936	35.8953	463.1939	548.8477	491.625	122.5994	2.49977
1937	35.9123	438.3119	555.3355	491.3542	122.5994	2.49862
1938	35.9293	471.7016	564.1639	491.0833	122.5994	2.49748
1939	35.9463	467.201	575.6321	490.8125	122.5994	2.49634
1940	35.9633	489.4554	589.6708	490.5417	122.5994	2.4952
1941	35.9803	498.3974	606.1241	490.2708	122.5994	2.49406
1942	35.9973	521.5557	620.7034	490	122.5994	2.49292
1943	36.0143	536.1987	631.5956	489.7292	122.5994	2.49178
1944	36.0313	516.1569	637.4975	489.4583	122.5994	2.49064
1945	36.0483	584.7762	638.9165	489.1875	122.5994	2.48951
1946	36.0653	587.7877	636.5656	488.9167	122.5994	2.48837
1947	36.0823	524.4639	631.1592	488.6458	122.5994	2.48724
1948	36.0993	565.1283	622.8395	488.375	122.5994	2.48611
1949	36.1163	516.0484	612.1323	488.1042	122.5994	2.48498
1950	36.1333	532.0802	599.6059	487.8333	122.5994	2.48385
1951	36.1503	486.212	586.1552	487.5625	122.5994	2.48272
1952	36.1673	510.132	572.647	487.2917	122.5994	2.48159
1953	36.1843	453.6589	559.9149	487.0208	122.5994	2.48046
1954	36.2013	491.9612	548.623	486.75	122.5994	2.47934
1955	36.2183	453.0265	539.0813	486.4792	122.5994	2.47821
1956	36.2353	438.1283	531.3792	486.2083	122.5994	2.47709
1957	36.2523	454.3325	525.4445	485.9375	122.5994	2.47597
1958	36.2693	416.2155	520.8687	485.6667	122.5994	2.47485

1959	36.2863	419.8617	518.0068	485.3958	122.5994	2.47372
1960	36.3033	449.1329	516.4616	485.125	122.5994	2.47261
1961	36.3203	467.1582	515.9946	484.8542	122.5994	2.47149
1962	36.3373	451.1487	516.6495	484.5833	122.5994	2.47037
1963	36.3543	449.8107	518.297	484.3125	122.5994	2.46925
1964	36.3713	439.4755	521.4565	484.0417	122.5994	2.46814
1965	36.3883	505.3178	526.223	483.7708	122.5994	2.46702
1966	36.4053	508.9674	533.083	483.5	122.5994	2.46591
1967	36.4223	481.1184	542.628	483.2292	122.5994	2.4648
1968	36.4393	472.0516	556.1399	482.9583	122.5994	2.46369
1969	36.4563	523.4928	576.1101	482.6875	122.5994	2.46258
1970	36.4733	540.7225	607.1265	482.0182	122.5994	2.46147
1971	36.4903	558.4225	658.3502	481.349	122.5994	2.46036
1972	36.5073	634.1888	740.6064	480.6797	122.5994	2.45926
1973	36.5243	727.2156	859.469	480.0104	122.5994	2.45815
1974	36.5413	856.3314	1005.169	479.3411	122.5994	2.45705
1975	36.5583	1017.837	1139.814	478.6719	122.5994	2.45594
1976	36.5753	1255.51	1198.858	478.0026	122.5994	2.45484
1977	36.5923	1486.391	1155.723	477.3333	122.5994	2.45374
1978	36.6093	1437.26	1066.904	476.6641	122.5994	2.45264
1979	36.6263	1174.855	995.2483	475.9948	122.5994	2.45154
1980	36.6433	972.4073	959.5873	475.3255	122.5994	2.45044
1981	36.6603	912.1616	937.7343	474.6563	122.5994	2.44934
1982	36.6773	954.1499	891.6421	473.987	122.5994	2.44825
1983	36.6943	991.7706	815.48	473.3177	122.5994	2.44715
1984	36.7113	905.2901	733.8103	472.6484	122.5994	2.44606
1985	36.7283	701.1561	664.8329	471.9792	122.5994	2.44496
1986	36.7453	591.7523	613.9678	471.3099	122.5994	2.44387
1987	36.7623	534.8738	579.7557	470.6406	122.5994	2.44278
1988	36.7793	523.2302	557.011	469.9714	122.5994	2.44169
1989	36.7963	486.4031	542.5771	469.3021	122.5994	2.4406
1990	36.8133	468.2868	532.1003	468.6328	122.5994	2.43951
1991	36.8303	463.0989	523.5579	467.9635	122.5994	2.43843
1992	36.8473	469.4536	516.0201	467.2943	122.5994	2.43734
1993	36.8643	478.4566	509.475	466.625	122.5994	2.43626
1994	36.8813	475.7099	503.3234	465.9573	122.5994	2.43517
1995	36.8983	491.0938	498.8139	464.4896	122.5994	2.43409
1996	36.9153	464.6093	495.5735	463.4219	122.5994	2.43301
1997	36.9323	442.0938	493.4944	462.3542	122.5994	2.43193
1998	36.9493	453.3439	492.3217	461.2865	122.5994	2.43085
1999	36.9663	432.8173	491.6718	460.2188	122.5994	2.42977
2000	36.9833	441.1992	491.1129	459.151	122.5994	2.42869
2001	37.0003	452.6937	490.3312	458.0833	122.5994	2.42761
2002	37.0173	426.9355	489.1297	457.0156	122.5994	2.42654
2003	37.0343	469.5453	487.4935	455.9479	122.5994	2.42546
2004	37.0513	455.0015	485.4176	454.8802	122.5994	2.42439
2005	37.0683	467.5449	482.9454	453.8125	122.5994	2.42331
2006	37.0853	476.4212	480.5877	452.7448	122.5994	2.42224
2007	37.1023	479.1635	477.6344	451.6771	122.5994	2.42117

2008	37.1193	452.8682	474.5858	450.6094	122.5994	2.4201
2009	37.1363	444.3644	471.5432	449.5417	122.5994	2.41903
2010	37.1533	426.1921	468.6445	448.474	122.5994	2.41797
2011	37.1703	429.627	466.0577	447.4063	122.5994	2.4169
2012	37.1873	433.8448	464.1287	446.3385	122.5994	2.41583
2013	37.2043	470.8448	462.5895	445.2708	122.5994	2.41477
2014	37.2213	452.5881	461.7021	444.2031	122.5994	2.4137
2015	37.2383	420.3007	459.6112	443.1354	122.5994	2.41264
2016	37.2553	435.3862	460.2474	442.0677	122.5994	2.41158
2017	37.2723	434.1698	461.5963	441	122.5994	2.41052
2018	37.2893	455.5608	463.4927	439.8333	122.5994	2.40946
2019	37.3063	467.7772	465.8834	438.6667	122.5994	2.4084
2020	37.3233	454.5892	468.4903	437.5	122.5994	2.40734
2021	37.3403	458.6964	469.9905	436.3333	122.5994	2.40628
2022	37.3573	449.3969	471.8787	435.1667	122.5994	2.40523
2023	37.3743	466.9881	472.898	434	122.5994	2.40417
2024	37.3913	472.4816	472.9507	432.8333	122.5994	2.40312
2025	37.4083	452.853	472.093	431.6667	122.5994	2.40207
2026	37.4253	447.6826	470.5078	430.5	122.5994	2.40101
2027	37.4423	444.401	468.3751	429.3333	122.5994	2.39996
2028	37.4593	454.0975	465.6687	428.1667	122.5994	2.39891
2029	37.4763	476.017	462.4847	427	122.5994	2.39786
2030	37.4933	442.1064	459.0084	425.8333	122.5994	2.39682
2031	37.5103	457.5934	455.338	424.6667	122.5994	2.39577
2032	37.5273	469.1228	451.7938	423.5	122.5994	2.39472
2033	37.5443	476.0331	448.4171	422.3333	122.5994	2.39368
2034	37.5613	486.0986	445.2701	421.1667	122.5994	2.39263
2035	37.5783	455.461	442.7002	420	122.5994	2.39159
2036	37.5953	451.8295	440.8641	418.8333	122.5994	2.39055
2037	37.6123	492.4417	440.1682	417.6667	122.5994	2.38951
2038	37.6293	458.469	441.2607	416.5	122.5994	2.38847
2039	37.6463	438.6598	444.9646	415.3333	122.5994	2.38743
2040	37.6633	474.1802	452.3854	414.1667	122.5994	2.38639
2041	37.6803	460.2263	464.2678	413	122.5994	2.38535
2042	37.6973	446.2547	480.1881	411.8333	122.5994	2.38431
2043	37.7143	441.3277	497.1987	410.6667	122.5994	2.38328
2044	37.7313	425.0218	508.6625	409.5	122.5994	2.38224
2045	37.7483	495.8395	508.5157	408.3333	122.5994	2.38121
2046	37.7653	466.6615	499.9095	407.1667	122.5994	2.38018
2047	37.7823	510.4105	490.9678	406	122.5994	2.37914
2048	37.7993	496.2781	485.9605	404.8333	122.5994	2.37811
2049	37.8163	473.8944	483.6079	403.6667	122.5994	2.37708
2050	37.8333	456.2774	479.6526	402.5	122.5994	2.37605
2051	37.8503	480.7774	470.7036	401.3333	122.5994	2.37503
2052	37.8673	448.7725	458.5999	400.1667	122.5994	2.374
2053	37.8843	418.0837	446.5821	399	122.5994	2.37297
2054	37.9013	429.1666	436.47	397.8333	122.5994	2.37195
2055	37.9183	435.8637	428.2851	396.6667	122.5994	2.37092
2056	37.9353	444.0824	421.7534	395.5	122.5994	2.3699

2057	37.9523	416.6456	416.3495	394.3333	122.5994	2.36888
2058	37.9693	389.0377	411.7166	393.1667	122.5994	2.36786
2059	37.9863	381.3103	407.6712	392	122.5994	2.36684
2060	38.0033	395.0194	404.1339	390.8333	122.5994	2.36582
2061	38.0203	408.6284	401.0588	389.6667	122.5994	2.3648
2062	38.0373	384.1232	398.4097	388.5	122.5994	2.36378
2063	38.0543	384.2112	396.149	387.3333	122.5994	2.36276
2064	38.0713	384.1232	394.244	386.1667	122.5994	2.36175
2065	38.0883	387.4397	392.6081	385	122.5994	2.36073
2066	38.1053	381.914	391.3986	383.9167	122.5994	2.35972
2067	38.1223	393.8207	390.783	382.8333	122.5994	2.3587
2068	38.1393	409.0904	390.9306	381.75	122.5994	2.35769
2069	38.1563	392.0024	392.1895	380.6667	122.5994	2.35668
2070	38.1733	406.6844	395.0024	379.5833	122.5994	2.35567
2071	38.1903	415.814	399.4857	378.5	122.5994	2.35466
2072	38.2073	405.2787	404.9573	377.4167	122.5994	2.35365
2073	38.2243	375.1598	409.8596	376.3333	122.5994	2.35264
2074	38.2413	366.3923	411.2595	375.25	122.5994	2.35164
2075	38.2583	379.8314	408.412	374.1667	122.5994	2.35063
2076	38.2753	364.2703	403.9763	373.0833	122.5994	2.34963
2077	38.2923	336.2353	400.4731	372	122.5994	2.34862
2078	38.3093	337.6702	398.3672	370.9167	122.5994	2.34762
2079	38.3263	347.5051	397.6223	369.8333	122.5994	2.34662
2080	38.3433	374.9821	396.4899	368.75	122.5994	2.34562
2081	38.3603	390.0632	395.0739	367.6667	122.5994	2.34462
2082	38.3773	356.3591	395.3918	366.5833	122.5994	2.34362
2083	38.3943	364.0001	399.5117	365.5	122.5994	2.34262
2084	38.4113	359.2515	408.4595	364.4167	122.5994	2.34162
2085	38.4283	393.1991	421.4435	363.3333	122.5994	2.34062
2086	38.4453	406.8871	434.7562	362.25	122.5994	2.33963
2087	38.4623	400.9949	441.436	361.1667	122.5994	2.33863
2088	38.4793	357.8509	437.2361	360.0833	122.5994	2.33764
2089	38.4963	346.56	427.192	359	122.5994	2.33664
2090	38.5133	349.461	420.2293	359.5417	122.5994	2.33565
2091	38.5303	371.7481	417.58	360.0833	122.5994	2.33466
2092	38.5473	387.9927	417.3853	360.625	122.5994	2.33367
2093	38.5643	372.7289	414.7472	361.1667	122.5994	2.33268
2094	38.5813	388.7222	407.722	361.7083	122.5994	2.33169
2095	38.5983	406.5603	398.4575	362.25	122.5994	2.3307
2096	38.6153	379.6189	390.0671	362.7917	122.5994	2.32972
2097	38.6323	373.2151	383.8386	363.3333	122.5994	2.32873
2098	38.6493	382.6646	379.6267	363.875	122.5994	2.32775
2099	38.6663	395.5363	376.7198	364.4167	122.5994	2.32676
2100	38.6833	371.2152	374.8264	364.9583	122.5994	2.32578
2101	38.7003	384.1232	373.635	365.5	122.5994	2.3248
2102	38.7173	380.9322	373.091	366.0417	122.5994	2.32381
2103	38.7343	378.5633	373.0311	366.5833	122.5994	2.32283
2104	38.7513	402.203	373.4886	367.125	122.5994	2.32185
2105	38.7683	386.5614	374.4428	367.6667	122.5994	2.32087

2106	38.7853	410.3156	376.5744	368.2083	122.5994	2.3199
2107	38.8023	377.6293	378.3087	368.75	122.5994	2.31892
2108	38.8193	380.2135	380.3756	369.2917	122.5994	2.31794
2109	38.8363	381.6064	382.2749	369.8333	122.5994	2.31697
2110	38.8533	387.1889	383.6476	370.375	122.5994	2.31599
2111	38.8703	392.0024	384.3153	370.9167	122.5994	2.31502
2112	38.8873	385.4917	384.8152	371.4583	122.5994	2.31405
2113	38.9043	376.3239	384.7935	372	122.5994	2.31307
2114	38.9213	355.3975	384.793	372.5208	122.5994	2.3121
2115	38.9383	353.1874	384.8679	373.0417	122.5994	2.31113
2116	38.9553	396.4971	388.5425	373.5625	122.5994	2.31016
2117	38.9723	395.1806	388.7427	374.0833	122.5994	2.30919
2118	38.9893	382.7746	388.9973	374.6042	122.5994	2.30823
2119	39.0063	381.437	389.5193	375.125	122.5994	2.30726
2120	39.0233	369.4747	390.5158	375.6458	122.5994	2.30629
2121	39.0403	364.775	392.4269	376.1667	122.5994	2.30533
2122	39.0573	364.8586	395.6727	376.6875	122.5994	2.30436
2123	39.0743	369.8246	401.0308	377.2083	122.5994	2.3034
2124	39.0913	359.602	409.3387	377.7292	122.5994	2.30244
2125	39.1083	366.7519	421.5517	378.25	122.5994	2.30148
2126	39.1253	383.7172	437.6971	378.7708	122.5994	2.30052
2127	39.1423	388.1417	457.4635	379.2917	122.5994	2.29956
2128	39.1593	397.1646	477.7432	379.8125	122.5994	2.2986
2129	39.1763	393.7912	491.207	380.3333	122.5994	2.29764
2130	39.1933	398.4351	490.7397	380.8542	122.5994	2.29668
2131	39.2103	396.7425	480.1714	381.375	122.5994	2.29572
2132	39.2273	375.9519	469.0914	381.8958	122.5994	2.29477
2133	39.2443	414.1304	462.9986	382.4167	122.5994	2.29381
2134	39.2613	357.2067	462.1179	382.9375	122.5994	2.29286
2135	39.2783	370.5341	462.0783	383.4583	122.5994	2.29191
2136	39.2953	409.6581	458.0574	383.9792	122.5994	2.29095
2137	39.3123	374.0838	450.7611	384.5	122.5994	2.29
2138	39.3293	399.5106	443.8919	384.6667	122.5994	2.28905
2139	39.3463	424.3336	440.6766	384.8333	122.5994	2.2881
2140	39.3633	432.0283	442.7683	385	122.5994	2.28715
2141	39.3803	404.3332	452.1326	385.1667	122.5994	2.2862
2142	39.3973	416.0521	472.5788	385.3333	122.5994	2.28526
2143	39.4143	474.3482	511.4696	385.5	122.5994	2.28431
2144	39.4313	517.841	578.498	385.6667	122.5994	2.28336
2145	39.4483	591.2251	681.2646	385.8333	122.5994	2.28242
2146	39.4653	705.6879	816.9432	386	122.5994	2.28148
2147	39.4823	825.8666	960.8713	386.1667	122.5994	2.28053
2148	39.4993	1057.742	1056.665	386.3333	122.5994	2.27959
2149	39.5163	1173.84	1050.044	386.5	122.5994	2.27865
2150	39.5333	1040.967	965.9058	386.6667	122.5994	2.27771
2151	39.5503	853.7001	876.0388	386.8333	122.5994	2.27677
2152	39.5673	722.2218	823.1717	387	122.5994	2.27583
2153	39.5843	665.0871	808.8563	387.1667	122.5994	2.27489
2154	39.6013	752.428	801.2827	387.3333	122.5994	2.27395

2155	39.6183	783.7308	762.0209	387.5	122.5994	2.27302
2156	39.6353	731.4795	689.4734	387.6667	122.5994	2.27208
2157	39.6523	618.4587	611.009	387.8333	122.5994	2.27115
2158	39.6693	506.5234	545.3909	388	122.5994	2.27021
2159	39.6863	433.867	498.6207	388.1667	122.5994	2.26928
2160	39.7033	424.3193	469.2891	388.3333	122.5994	2.26835
2161	39.7203	420.5194	452.9444	388.5	122.5994	2.26741
2162	39.7373	414.0986	444.0643	388.6667	122.5994	2.26648
2163	39.7543	403.7193	438.2234	388.8333	122.5994	2.26555
2164	39.7713	402.5561	434.0207	389	122.5994	2.26462
2165	39.7883	399.022	429.4579	389.1667	122.5994	2.2637
2166	39.8053	380.698	424.9299	389.3333	122.5994	2.26277
2167	39.8223	393.9353	421.2421	389.5	122.5994	2.26184
2168	39.8393	402.9705	418.754	389.6667	122.5994	2.26092
2169	39.8563	365.0722	417.3391	389.8333	122.5994	2.25999
2170	39.8733	387.4422	416.4333	390	122.5994	2.25907
2171	39.8903	397.0482	415.5657	390.1667	122.5994	2.25814
2172	39.9073	394.8283	414.8088	390.3333	122.5994	2.25722
2173	39.9243	398.9893	410.0341	390.5	122.5994	2.2563
2174	39.9413	390.971	410.7333	390.6667	122.5994	2.25538
2175	39.9583	397.2985	412.094	390.8333	122.5994	2.25446
2176	39.9753	396.8695	414.02	391	122.5994	2.25354
2177	39.9923	412.4823	416.3019	391.1667	122.5994	2.25262
2178	40.0093	389.3029	418.6583	391.3333	122.5994	2.2517
2179	40.0263	411.7212	418.5046	391.5	122.5994	2.25078
2180	40.0433	412.6172	420.0562	391.6667	122.5994	2.24987
2181	40.0603	397.4899	420.7942	391.8333	122.5994	2.24895
2182	40.0773	418.4408	421.0883	392	122.5994	2.24804
2183	40.0943	401.0973	421.4234	392.1667	122.5994	2.24712
2184	40.1113	419.6041	422.1325	392.3333	122.5994	2.24621
2185	40.1283	388.4146	423.1776	392.5	122.5994	2.2453
2186	40.1453	419.441	424.0171	392.3125	122.5994	2.24439
2187	40.1623	362.2603	424.9338	392.125	122.5994	2.24347
2188	40.1793	397.1013	426.2836	391.9375	122.5994	2.24256
2189	40.1963	416.2155	428.8781	391.75	122.5994	2.24166
2190	40.2133	417.7535	434.4977	391.5625	122.5994	2.24075
2191	40.2303	434.7265	445.4563	391.375	122.5994	2.23984
2192	40.2473	461.3645	464.9564	391.1875	122.5994	2.23893
2193	40.2643	530.5616	495.7385	391	122.5994	2.23803
2194	40.2813	523.0782	537.6775	390.8125	122.5994	2.23712
2195	40.2983	579.3679	584.4413	390.625	122.5994	2.23622
2196	40.3153	688.9378	619.6038	390.4375	122.5994	2.23531
2197	40.3323	784.179	623.2499	390.25	122.5994	2.23441
2198	40.3493	794.7888	597.5835	390.0625	122.5994	2.23351
2199	40.3663	667.0799	565.5678	389.875	122.5994	2.23261
2200	40.3833	591.3521	544.0033	389.6875	122.5994	2.23171
2201	40.4003	532.1741	536.5231	389.5	122.5994	2.23081
2202	40.4173	555.1246	535.3919	389.3125	122.5994	2.22991
2203	40.4343	582.065	526.7686	389.125	122.5994	2.22901

2204	40.4513	557.1272	505.5422	388.9375	122.5994	2.22811
2205	40.4683	504.4388	479.1787	388.75	122.5994	2.22721
2206	40.4853	470.9528	455.3302	388.5625	122.5994	2.22632
2207	40.5023	425.1022	437.0659	388.375	122.5994	2.22542
2208	40.5193	387.8746	424.5717	388.1875	122.5994	2.22453
2209	40.5363	393.8888	416.515	388	122.5994	2.22363
2210	40.5533	388.2945	411.7816	388.2396	122.5994	2.22274
2211	40.5703	374.9891	408.7074	388.4792	122.5994	2.22185
2212	40.5873	374.2227	406.3702	388.7188	122.5994	2.22096
2213	40.6043	391.251	404.4518	388.9583	122.5994	2.22007
2214	40.6213	365.1665	402.8259	389.1979	122.5994	2.21918
2215	40.6383	336.6274	401.4691	389.4375	122.5994	2.21829
2216	40.6553	358.374	400.4089	389.6771	122.5994	2.2174
2217	40.6723	402.1492	399.7098	389.9167	122.5994	2.21651
2218	40.6893	380.1866	399.2477	390.1563	122.5994	2.21563
2219	40.7063	370.3281	399.0884	390.3958	122.5994	2.21474
2220	40.7233	369.6725	399.2009	390.6354	122.5994	2.21385
2221	40.7403	386.5319	399.6793	390.875	122.5994	2.21297
2222	40.7573	404.6966	400.4897	391.1146	122.5994	2.21209
2223	40.7743	395.0538	401.782	391.3542	122.5994	2.2112
2224	40.7913	388.7215	403.5379	391.5938	122.5994	2.21032
2225	40.8083	384.7923	405.6956	391.8333	122.5994	2.20944
2226	40.8253	433.7834	407.9474	392.0729	122.5994	2.20856
2227	40.8423	422.4806	409.6599	392.3125	122.5994	2.20768
2228	40.8593	409.0161	410.122	392.5521	122.5994	2.2068
2229	40.8763	419.456	409.4105	392.7917	122.5994	2.20592
2230	40.8933	393.2294	408.3583	393.0313	122.5994	2.20504
2231	40.9103	403.7479	407.6411	393.2708	122.5994	2.20417
2232	40.9273	408.035	407.5421	393.5104	122.5994	2.20329
2233	40.9443	419.909	407.7439	393.75	122.5994	2.20241
2234	40.9613	403.241	407.368	393.7135	122.5994	2.20154
2235	40.9783	388.0528	406.302	393.6771	122.5994	2.20066
2236	40.9953	386.0713	404.847	393.6406	122.5994	2.19979
2237	41.0123	369.1011	403.5022	393.6042	122.5994	2.19892
2238	41.0293	401.9623	402.7025	393.5677	122.5994	2.19805
2239	41.0463	388.0528	402.4647	393.5313	122.5994	2.19718
2240	41.0633	388.7434	402.1956	393.4948	122.5994	2.19631
2241	41.0803	391.3161	402.682	393.4583	122.5994	2.19544
2242	41.0973	393.2828	403.2874	393.4219	122.5994	2.19457
2243	41.1143	410.2092	404.028	393.3854	122.5994	2.1937
2244	41.1313	408.2097	405.1004	393.349	122.5994	2.19283
2245	41.1483	427.3607	406.7783	393.3125	122.5994	2.19196
2246	41.1653	433.8654	408.7693	393.276	122.5994	2.1911
2247	41.1823	427.0479	411.0794	393.2396	122.5994	2.19023
2248	41.1993	447.7141	412.6296	393.2031	122.5994	2.18937
2249	41.2163	424.2568	412.9987	393.1667	122.5994	2.18851
2250	41.2333	448.5782	412.6694	393.1302	122.5994	2.18764
2251	41.2503	434.8561	412.2597	393.0938	122.5994	2.18678
2252	41.2673	422.2738	412.2279	393.0573	122.5994	2.18592

2253	41.2843	442.973	412.3292	393.0208	122.5994	2.18506
2254	41.3013	427.4703	412.2594	392.9844	122.5994	2.1842
2255	41.3183	416.2178	411.6137	392.9479	122.5994	2.18334
2256	41.3353	411.6721	410.3798	392.9115	122.5994	2.18248
2257	41.3523	419.9612	408.7264	392.875	122.5994	2.18162
2258	41.3693	436.7681	406.9537	392.8385	122.5994	2.18076
2259	41.3863	419.9759	405.2	392.8021	122.5994	2.17991
2260	41.4033	403.2276	403.6327	392.7656	122.5994	2.17905
2261	41.4203	399.9616	402.2712	392.7292	122.5994	2.1782
2262	41.4373	382.2162	401.0543	392.6927	122.5994	2.17734
2263	41.4543	375.0464	399.9128	392.6563	122.5994	2.17649
2264	41.4713	368.3402	398.8304	392.6198	122.5994	2.17564
2265	41.4883	381.4544	397.8472	392.5833	122.5994	2.17478
2266	41.5053	393.8684	397.0067	392.5469	122.5994	2.17393
2267	41.5223	393.0617	396.3146	392.5104	122.5994	2.17308
2268	41.5393	410.7525	395.7695	392.474	122.5994	2.17223
2269	41.5563	390.6469	395.3568	392.4375	122.5994	2.17138
2270	41.5733	397.1189	395.0255	392.401	122.5994	2.17053
2271	41.5903	367.1291	394.7866	392.3646	122.5994	2.16969
2272	41.6073	374.3116	394.646	392.3281	122.5994	2.16884
2273	41.6243	342.8736	394.5429	392.2917	122.5994	2.16799
2274	41.6413	390.6881	394.4702	392.2552	122.5994	2.16715
2275	41.6583	381.3468	394.45	392.2188	122.5994	2.1663
2276	41.6753	376.6066	394.4548	392.1823	122.5994	2.16546
2277	41.6923	403.174	394.5083	392.1458	122.5994	2.16461
2278	41.7093	407.971	394.6313	392.1094	122.5994	2.16377
2279	41.7263	407.6106	394.8409	392.0729	122.5994	2.16293
2280	41.7433	380.8632	395.0717	392.0365	122.5994	2.16209
2281	41.7603	395.7453	396.3403	392	122.5994	2.16124
2282	41.7773	391.6922	396.2867	391.7604	122.5994	2.1604
2283	41.7943	390.1404	396.2416	391.5208	122.5994	2.15957
2284	41.8113	407.0232	396.3519	391.2813	122.5994	2.15873
2285	41.8283	401.2051	396.7136	391.0417	122.5994	2.15789
2286	41.8453	406.0198	397.3396	390.8021	122.5994	2.15705
2287	41.8623	397.5534	398.9334	390.5625	122.5994	2.15621
2288	41.8793	408.1988	400.2786	390.3229	122.5994	2.15538
2289	41.8963	420.5794	401.9887	390.0833	122.5994	2.15454
2290	41.9133	399.178	404.0977	389.8438	122.5994	2.15371
2291	41.9303	383.2347	406.5585	389.6042	122.5994	2.15287
2292	41.9473	413.341	409.1583	389.3646	122.5994	2.15204
2293	41.9643	404.7975	411.7063	389.125	122.5994	2.15121
2294	41.9813	380.2135	413.6577	388.8854	122.5994	2.15038
2295	41.9983	384.5259	414.6807	388.6458	122.5994	2.14955
2296	42.0153	386.0472	414.7233	388.4063	122.5994	2.14872
2297	42.0323	382.7048	413.9905	388.1667	122.5994	2.14789
2298	42.0493	392.0024	412.9888	387.9271	122.5994	2.14706
2299	42.0663	385.1223	411.9025	387.6875	122.5994	2.14623
2300	42.0833	396.7737	410.73	387.4479	122.5994	2.1454
2301	42.1003	395.0574	409.4088	387.2083	122.5994	2.14457

2302	42.1173	376.5889	407.8931	386.9688	122.5994	2.14375
2303	42.1343	382.0492	406.2765	386.7292	122.5994	2.14292
2304	42.1513	400.1256	404.7139	386.4896	122.5994	2.1421
2305	42.1683	395.5259	403.4519	386.25	122.5994	2.14127
2306	42.1853	391.9631	402.5522	386.0104	122.5994	2.14045
2307	42.2023	400.0533	402.0549	385.7708	122.5994	2.13963
2308	42.2193	379.9545	401.9908	385.5313	122.5994	2.1388
2309	42.2363	402.7328	402.3665	385.2917	122.5994	2.13798
2310	42.2533	437.2088	403.2156	385.0521	122.5994	2.13716
2311	42.2703	399.6218	404.632	384.8125	122.5994	2.13634
2312	42.2873	397.4187	406.716	384.5729	122.5994	2.13552
2313	42.3043	460.3344	409.6654	384.3333	122.5994	2.1347
2314	42.3213	406.4453	413.7702	384.0938	122.5994	2.13388
2315	42.3383	406.1491	419.572	383.8542	122.5994	2.13307
2316	42.3553	452.7877	428.2014	383.6146	122.5994	2.13225
2317	42.3723	502.5506	441.9601	383.375	122.5994	2.13143
2318	42.3893	476.8057	464.9445	383.1354	122.5994	2.13062
2319	42.4063	509.6839	502.8698	382.8958	122.5994	2.1298
2320	42.4233	609.0879	561.0665	382.6563	122.5994	2.12899
2321	42.4403	685.8822	640.0751	382.4167	122.5994	2.12818
2322	42.4573	804.8589	729.5223	382.1771	122.5994	2.12736
2323	42.4743	937.505	800.8647	381.9375	122.5994	2.12655
2324	42.4913	1047.772	816.1084	381.6979	122.5994	2.12574
2325	42.5083	1169.183	773.3646	381.4583	122.5994	2.12493
2326	42.5253	1006.692	712.1292	381.2188	122.5994	2.12412
2327	42.5423	827.1205	666.0178	380.9792	122.5994	2.12331
2328	42.5593	659.0322	646.6273	380.7396	122.5994	2.1225
2329	42.5763	648.6648	646.0297	380.5	122.5994	2.12169
2330	42.5933	735.5519	640.7889	379.9792	122.5994	2.12089
2331	42.6103	738.798	611.551	379.4583	122.5994	2.12008
2332	42.6273	685.1643	564.2709	378.9375	122.5994	2.11927
2333	42.6443	603.1328	515.6132	378.4167	122.5994	2.11847
2334	42.6613	507.173	475.5399	377.8958	122.5994	2.11766
2335	42.6783	432.246	446.8635	377.375	122.5994	2.11686
2336	42.6953	419.0843	428.2528	376.8542	122.5994	2.11605
2337	42.7123	421.0811	416.9333	376.3333	122.5994	2.11525
2338	42.7293	404.5426	410.2746	375.8125	122.5994	2.11445
2339	42.7463	407.6505	406.4043	375.2917	122.5994	2.11365
2340	42.7633	375.5133	404.4026	374.7708	122.5994	2.11285
2341	42.7803	359.023	403.3592	374.25	122.5994	2.11205
2342	42.7973	388.0334	402.4493	373.7292	122.5994	2.11125
2343	42.8143	406.425	400.9205	373.2083	122.5994	2.11045
2344	42.8313	391.0559	398.369	372.6875	122.5994	2.10965
2345	42.8483	369.1203	395.1208	372.1667	122.5994	2.10885
2346	42.8653	379.0783	392.101	371.6458	122.5994	2.10805
2347	42.8823	386.5955	389.7464	371.125	122.5994	2.10726
2348	42.8993	376.3239	387.9495	370.6042	122.5994	2.10646
2349	42.9163	372.3939	386.3687	370.0833	122.5994	2.10567
2350	42.9333	360.3713	384.6936	369.5625	122.5994	2.10487

2351	42.9503	373.0061	382.4824	369.0417	122.5994	2.10408
2352	42.9673	383.4684	380.0921	368.5208	122.5994	2.10329
2353	42.9843	368.6277	377.8756	368	122.5994	2.10249
2354	43.0013	353.8649	375.9345	367.4167	122.5994	2.1017
2355	43.0183	356.9992	374.3599	366.8333	122.5994	2.10091
2356	43.0353	376.5857	373.0998	366.25	122.5994	2.10012
2357	43.0523	350.0136	372.0889	365.6667	122.5994	2.09933
2358	43.0693	353.5758	371.2264	365.0833	122.5994	2.09854
2359	43.0863	375.1212	370.4837	364.5	122.5994	2.09775
2360	43.1033	351.534	369.8404	363.9167	122.5994	2.09696
2361	43.1203	350.9279	369.3058	363.3333	122.5994	2.09618
2362	43.1373	374.8503	367.8219	362.75	122.5994	2.09539
2363	43.1543	383.5128	367.7175	362.1667	122.5994	2.0946
2364	43.1713	364.6009	367.9058	361.5833	122.5994	2.09382
2365	43.1883	364.3422	368.4196	361	122.5994	2.09303
2366	43.2053	358.0414	369.1812	360.4167	122.5994	2.09225
2367	43.2223	346.9673	369.9409	359.8333	122.5994	2.09147
2368	43.2393	370.6543	369.3692	359.25	122.5994	2.09068
2369	43.2563	372.4543	368.8827	358.6667	122.5994	2.0899
2370	43.2733	391.545	367.9501	358.0833	122.5994	2.08912
2371	43.2903	342.5331	367.0256	357.5	122.5994	2.08834
2372	43.3073	387.6434	366.2757	356.9167	122.5994	2.08756
2373	43.3243	360.4159	365.6817	356.3333	122.5994	2.08678
2374	43.3413	347.1028	364.992	355.75	122.5994	2.086
2375	43.3583	366.3153	364.3557	355.1667	122.5994	2.08522
2376	43.3753	379.5941	363.7028	354.5833	122.5994	2.08444
2377	43.3923	338.9802	363.3068	354	122.5994	2.08367
2378	43.4093	343.2892	363.8091	353.8542	122.5994	2.08289
2379	43.4263	350.3581	364.6477	353.7083	122.5994	2.08211
2380	43.4433	352.7042	365.6385	353.5625	122.5994	2.08134
2381	43.4603	343.6226	366.4095	353.4167	122.5994	2.08056
2382	43.4773	326.2617	366.5402	353.2708	122.5994	2.07979
2383	43.4943	348.8398	365.8988	353.125	122.5994	2.07902
2384	43.5113	353.0871	364.7836	352.9792	122.5994	2.07824
2385	43.5283	344.4099	363.7409	352.8333	122.5994	2.07747
2386	43.5453	347.3828	362.9645	352.6875	122.5994	2.0767
2387	43.5623	348.5508	362.5334	352.5417	122.5994	2.07593
2388	43.5793	366.5692	362.2401	352.3958	122.5994	2.07516
2389	43.5963	367.5945	361.8331	352.25	122.5994	2.07439
2390	43.6133	364.1913	361.1962	352.1042	122.5994	2.07362
2391	43.6303	365.764	360.4514	351.9583	122.5994	2.07285
2392	43.6473	349.2581	359.6773	351.8125	122.5994	2.07208
2393	43.6643	334.737	358.9318	351.6667	122.5994	2.07131
2394	43.6813	331.0385	358.2092	351.5208	122.5994	2.07055
2395	43.6983	361.3663	357.5246	351.375	122.5994	2.06978
2396	43.7153	372.4543	356.9028	351.2292	122.5994	2.06902
2397	43.7323	374.594	356.3719	351.0833	122.5994	2.06825
2398	43.7493	367.5849	355.9023	350.9375	122.5994	2.06749
2399	43.7663	365.5187	355.4794	350.7917	122.5994	2.06672

2400	43.7833	359.3011	355.0772	350.6458	122.5994	2.06596
2401	43.8003	378.0735	354.7006	350.5	122.5994	2.0652
2402	43.8173	381.7324	354.3505	350.3542	122.5994	2.06444
2403	43.8343	376.3239	354.0761	350.2083	122.5994	2.06367
2404	43.8513	365.5175	353.9503	350.0625	122.5994	2.06291
2405	43.8683	377.8436	353.9967	349.9167	122.5994	2.06215
2406	43.8853	358.3874	354.262	349.7708	122.5994	2.06139
2407	43.9023	370.2262	354.7371	349.625	122.5994	2.06064
2408	43.9193	370.2275	355.3523	349.4792	122.5994	2.05988
2409	43.9363	397.2934	355.8948	349.3333	122.5994	2.05912
2410	43.9533	377.8155	356.1739	349.1875	122.5994	2.05836
2411	43.9703	343.4722	356.2921	349.0417	122.5994	2.05761
2412	43.9873	351.6374	356.2642	348.8958	122.5994	2.05685
2413	44.0043	363.6077	356.16	348.75	122.5994	2.0561
2414	44.0213	382.6392	356.0663	348.6042	122.5994	2.05534
2415	44.0383	384.1232	356.0388	348.4583	122.5994	2.05459
2416	44.0553	347.3849	356.0514	348.3125	122.5994	2.05383
2417	44.0723	368.3092	355.9604	348.1667	122.5994	2.05308
2418	44.0893	357.3521	355.9258	348.0208	122.5994	2.05233
2419	44.1063	375.8192	355.8273	347.875	122.5994	2.05158
2420	44.1233	355.4175	355.6074	347.7292	122.5994	2.05083
2421	44.1403	322.2266	355.1974	347.5833	122.5994	2.05008
2422	44.1573	344.9211	354.6807	347.4375	122.5994	2.04933
2423	44.1743	334.524	354.0714	347.2917	122.5994	2.04858
2424	44.1913	333.1795	353.4412	347.1458	122.5994	2.04783
2425	44.2083	347.7562	352.8455	347	122.5994	2.04708
2426	44.2253	359.1987	353.2036	347.7534	122.5994	2.04633
2427	44.2423	362.6366	353.6042	348.5068	122.5994	2.04559
2428	44.2593	345.2244	354.0245	349.2603	122.5994	2.04484
2429	44.2763	364.0287	354.5575	350.0137	122.5994	2.04409
2430	44.2933	349.7366	355.0197	350.7671	122.5994	2.04335
2431	44.3103	352.8747	355.5327	351.5205	122.5994	2.0426
2432	44.3273	357.5049	356.1168	352.2739	122.5994	2.04186
2433	44.3443	357.2063	356.7826	353.0273	122.5994	2.04112
2434	44.3613	356.7895	357.5334	353.7808	122.5994	2.04037
2435	44.3783	350.0728	358.3679	354.5342	122.5994	2.03963
2436	44.3953	375.9445	359.3341	355.2876	122.5994	2.03889
2437	44.4123	361.9869	360.3018	356.041	122.5994	2.03815
2438	44.4293	357.1203	361.3581	356.7944	122.5994	2.03741
2439	44.4463	345.6143	362.4566	357.5479	122.5994	2.03667
2440	44.4633	360.6406	363.5829	358.3013	122.5994	2.03593
2441	44.4803	362.9356	364.7371	359.0547	122.5994	2.03519
2442	44.4973	361.4111	365.9261	359.8081	122.5994	2.03445
2443	44.5143	346.3361	367.1478	360.5615	122.5994	2.03372
2444	44.5313	352.9833	368.3672	361.3149	122.5994	2.03298
2445	44.5483	363.5031	369.5726	362.0684	122.5994	2.03224
2446	44.5653	350.3444	370.7049	362.8218	122.5994	2.03151
2447	44.5823	353.081	371.7384	363.5752	122.5994	2.03077
2448	44.5993	349.8599	372.621	364.3286	122.5994	2.03004

2449	44.6163	385.0126	373.2918	365.082	122.5994	2.0293
2450	44.6333	390.2079	373.3462	365.4615	122.5994	2.02857
2451	44.6503	367.5687	373.2232	365.8411	122.5994	2.02784
2452	44.6673	355.4807	373.0858	366.2206	122.5994	2.0271
2453	44.6843	367.8433	372.9532	366.6001	122.5994	2.02637
2454	44.7013	348.9674	372.885	366.9796	122.5994	2.02564
2455	44.7183	372.6524	372.9269	367.3591	122.5994	2.02491
2456	44.7353	377.1009	373.0268	367.7386	122.5994	2.02418
2457	44.7523	392.9084	373.181	368.1182	122.5994	2.02345
2458	44.7693	385.7168	378.2394	368.4977	122.5994	2.02272
2459	44.7863	370.4439	379.0721	368.8772	122.5994	2.02199
2460	44.8033	368.6046	380.5157	369.2567	122.5994	2.02127
2461	44.8203	379.488	382.9851	369.6362	122.5994	2.02054
2462	44.8373	376.512	386.9665	370.0157	122.5994	2.01981
2463	44.8543	395.4429	392.7036	370.3953	122.5994	2.01909
2464	44.8713	365.0304	399.8236	370.7748	122.5994	2.01836
2465	44.8883	392.4167	409.1342	371.1543	122.5994	2.01764
2466	44.9053	411.0003	413.1527	371.5338	122.5994	2.01691
2467	44.9223	386.8378	412.3094	371.9133	122.5994	2.01619
2468	44.9393	427.7842	408.7057	372.2928	122.5994	2.01547
2469	44.9563	417.3297	405.4373	372.6724	122.5994	2.01474
2470	44.9733	396.0916	404.1086	373.0519	122.5994	2.01402
2471	44.9903	424.3193	404.8893	373.4314	122.5994	2.0133
2472	45.0073	417.7108	406.7523	373.8109	122.5994	2.01258
2473	45.0243	393.2486	407.8805	374.1904	122.5994	2.01186
2474	45.0413	428.2902	406.6788	374.197	122.5994	2.01114
2475	45.0583	404.7803	404.3772	374.2037	122.5994	2.01042
2476	45.0753	405.324	402.2658	374.2103	122.5994	2.0097
2477	45.0923	477.2814	400.9931	374.2169	122.5994	2.00898
2478	45.1093	462.0036	400.7144	374.2235	122.5994	2.00826
2479	45.1263	442.3952	401.3572	374.2301	122.5994	2.00755
2480	45.1433	450.9415	403.4604	374.2367	122.5994	2.00683
2481	45.1603	457.5904	405.5624	374.2433	122.5994	2.00611
2482	45.1773	441.4984	408.2781	374.2499	122.5994	2.0054
2483	45.1943	433.4948	411.663	374.2566	122.5994	2.00468
2484	45.2113	441.0588	415.7828	374.2632	122.5994	2.00397
2485	45.2283	429.8686	420.7627	374.2698	122.5994	2.00326
2486	45.2453	427.8424	426.8061	374.2764	122.5994	2.00254
2487	45.2623	432.8126	434.2968	374.283	122.5994	2.00183
2488	45.2793	430.6802	443.9662	374.2896	122.5994	2.00112
2489	45.2963	464.3484	457.0129	374.2962	122.5994	2.00041
2490	45.3133	490.8173	474.9289	374.3028	122.5994	1.9997
2491	45.3303	477.7781	499.461	374.3094	122.5994	1.99899
2492	45.3473	495.6096	532.9835	374.3161	122.5994	1.99828
2493	45.3643	523.7198	575.7852	374.3227	122.5994	1.99757
2494	45.3813	546.9683	629.5086	374.3293	122.5994	1.99686
2495	45.3983	566.3336	694.3152	374.3359	122.5994	1.99615
2496	45.4153	635.7999	769.2192	374.3425	122.5994	1.99544
2497	45.4323	661.9474	851.4308	374.3491	122.5994	1.99473

2498	45.4493	690.9067	935.4127	374.3557	122.5994	1.99403
2499	45.4663	667.1238	1012.277	374.3623	122.5994	1.99332
2500	45.4833	720.2709	1070.848	374.369	122.5994	1.99262
2501	45.5003	792.6976	1101.863	374.3756	122.5994	1.99191
2502	45.5173	843.9075	1103.789	374.3822	122.5994	1.99121
2503	45.5343	823.8367	1083.47	374.3888	122.5994	1.9905
2504	45.5513	842.5553	1051.052	374.3954	122.5994	1.9898
2505	45.5683	762.5253	1014.11	374.402	122.5994	1.9891
2506	45.5853	741.0505	975.2086	374.4086	122.5994	1.98839
2507	45.6023	662.07	932.6318	374.4152	122.5994	1.98769
2508	45.6193	694.6088	883.6113	374.4219	122.5994	1.98699
2509	45.6363	608.5079	827.7896	374.4285	122.5994	1.98629
2510	45.6533	624.7722	768.5008	374.4351	122.5994	1.98559
2511	45.6703	614.7003	710.4856	374.4417	122.5994	1.98489
2512	45.6873	565.9977	657.8703	374.4483	122.5994	1.98419
2513	45.7043	547.2794	613.6015	374.4549	122.5994	1.98349
2514	45.7213	540.6973	579.9319	374.4615	122.5994	1.9828
2515	45.7383	511.5456	559.7154	374.4681	122.5994	1.9821
2516	45.7553	519.2745	556.2712	374.4748	122.5994	1.9814
2517	45.7723	522.2632	572.4076	374.4814	122.5994	1.9807
2518	45.7893	580.2933	607.5637	374.488	122.5994	1.98001
2519	45.8063	664.7419	653.707	374.4946	122.5994	1.97931
2520	45.8233	721.625	690.5353	374.5012	122.5994	1.97862
2521	45.8403	774.832	692.2675	374.5078	122.5994	1.97792
2522	45.8573	739.6274	656.8055	374.1415	122.5994	1.97723
2523	45.8743	646.9887	608.9121	373.7752	122.5994	1.97654
2524	45.8913	560.88	571.2463	373.4089	122.5994	1.97585
2525	45.9083	507.9477	553.4764	373.0426	122.5994	1.97515
2526	45.9253	495.9894	553.4944	372.6764	122.5994	1.97446
2527	45.9423	512.8163	559.0839	372.3101	122.5994	1.97377
2528	45.9593	592.018	553.3904	371.9438	122.5994	1.97308
2529	45.9763	602.428	530.7488	371.5775	122.5994	1.97239
2530	45.9933	509.5724	500.2619	371.2112	122.5994	1.9717
2531	46.0103	440.3606	471.9613	370.8449	122.5994	1.97101
2532	46.0273	413.5839	450.5021	370.4786	122.5994	1.97032
2533	46.0443	413.6201	436.3327	370.1123	122.5994	1.96964
2534	46.0613	404.4171	427.6675	369.746	122.5994	1.96895
2535	46.0783	394.9806	422.1165	369.3797	122.5994	1.96826
2536	46.0953	394.8301	417.8637	369.0134	122.5994	1.96757
2537	46.1123	373.6512	414.0218	368.6471	122.5994	1.96689
2538	46.1293	411.1555	410.4221	368.2808	122.5994	1.9662
2539	46.1463	425.8476	407.1637	367.9146	122.5994	1.96552
2540	46.1633	388.7057	404.3271	367.5483	122.5994	1.96483
2541	46.1803	377.5089	401.8772	367.182	122.5994	1.96415
2542	46.1973	372.4025	399.7106	366.8157	122.5994	1.96347
2543	46.2143	363.3836	397.7479	366.4494	122.5994	1.96278
2544	46.2313	374.7456	396.0779	366.0831	122.5994	1.9621
2545	46.2483	386.0827	390.4799	365.7168	122.5994	1.96142
2546	46.2653	394.0635	389.745	364.9786	122.5994	1.96074

2547	46.2823	380.6382	389.3838	364.2404	122.5994	1.96006
2548	46.2993	379.5299	388.4626	363.5022	122.5994	1.95938
2549	46.3163	339.8579	385.9925	362.764	122.5994	1.9587
2550	46.3333	350.0446	382.3049	362.0258	122.5994	1.95802
2551	46.3503	353.4061	378.6146	361.2876	122.5994	1.95734
2552	46.3673	370.4061	373.54	360.5494	122.5994	1.95666
2553	46.3843	368.9525	371.7939	359.8112	122.5994	1.95599
2554	46.4013	347.4901	370.9477	359.073	122.5994	1.95531
2555	46.4183	342.4719	370.3523	358.3348	122.5994	1.95463
2556	46.4353	342.2172	369.2892	357.5966	122.5994	1.95396
2557	46.4523	327.7186	367.6761	356.8584	122.5994	1.95328
2558	46.4693	357.1757	366.0325	356.1202	122.5994	1.95261
2559	46.4863	357.1118	364.7721	355.382	122.5994	1.95193
2560	46.5033	355.2521	363.2782	354.6438	122.5994	1.95126
2561	46.5203	380.7855	363.0525	353.9056	122.5994	1.95058
2562	46.5373	346.9461	363.1461	353.1674	122.5994	1.94991
2563	46.5543	385.2361	363.3495	352.4292	122.5994	1.94924
2564	46.5713	362.0186	363.434	351.691	122.5994	1.94857
2565	46.5883	344.6862	363.4875	350.9528	122.5994	1.9479
2566	46.6053	345.7607	362.8521	350.2146	122.5994	1.94722
2567	46.6223	368.3586	361.4106	349.4764	122.5994	1.94655
2568	46.6393	339.4626	360.1744	348.7382	122.5994	1.94588
2569	46.6563	342.2172	358.8678	348	122.5994	1.94521
2570	46.6733	348.4259	358.3279	348	122.5994	1.94455
2571	46.6903	360.3701	357.8286	348	122.5994	1.94388
2572	46.7073	348.4693	357.3249	348	122.5994	1.94321
2573	46.7243	349.8303	356.7812	348	122.5994	1.94254
2574	46.7413	357.1757	356.1561	348	122.5994	1.94188
2575	46.7583	358.7092	355.507	348	122.5994	1.94121
2576	46.7753	353.3825	354.8585	348	122.5994	1.94054
2577	46.7923	348.5878	354.2586	348	122.5994	1.93988
2578	46.8093	337.6038	353.727	348	122.5994	1.93921
2579	46.8263	308.3223	353.1591	348	122.5994	1.93855
2580	46.8433	309.7075	352.8415	348	122.5994	1.93788
2581	46.8603	335.5481	352.6835	348	122.5994	1.93722
2582	46.8773	378.333	352.7575	348	122.5994	1.93656
2583	46.8943	347.9256	353.1906	348	122.5994	1.9359
2584	46.9113	308.244	354.1785	348	122.5994	1.93523
2585	46.9283	333.6843	355.9992	348	122.5994	1.93457
2586	46.9453	340.4872	358.7935	348	122.5994	1.93391
2587	46.9623	325.6502	362.6017	348	122.5994	1.93325
2588	46.9793	322.758	366.6053	348	122.5994	1.93259
2589	46.9963	323.9689	369.2403	348	122.5994	1.93193
2590	47.0133	336.9219	369.0048	348	122.5994	1.93127
2591	47.0303	326.3373	366.7284	348	122.5994	1.93061
2592	47.0473	339.5833	364.5163	348	122.5994	1.92996
2593	47.0643	357.5102	363.6971	348	122.5994	1.9293
2594	47.0813	352.0926	364.4278	347.8542	122.5994	1.92864
2595	47.0983	346.6231	366.3455	347.7083	122.5994	1.92799

2596	47.1153	349.0401	368.1284	347.5625	122.5994	1.92733
2597	47.1323	356.1761	368.2741	347.4167	122.5994	1.92667
2598	47.1493	344.0449	366.5968	347.2708	122.5994	1.92602
2599	47.1663	352.3597	364.3699	347.125	122.5994	1.92536
2600	47.1833	339.7046	362.825	346.9792	122.5994	1.92471
2601	47.2003	338.5275	362.4819	346.8333	122.5994	1.92406
2602	47.2173	371.3093	363.1569	346.6875	122.5994	1.9234
2603	47.2343	353.6845	363.815	346.5417	122.5994	1.92275
2604	47.2513	353.5365	363.2283	346.3958	122.5994	1.9221
2605	47.2683	372.8722	361.1585	346.25	122.5994	1.92145
2606	47.2853	382.9671	358.5615	346.1042	122.5994	1.9208
2607	47.3023	359.6278	356.4437	345.9583	122.5994	1.92014
2608	47.3193	343.6867	355.0561	345.8125	122.5994	1.91949
2609	47.3363	354.6222	354.3871	345.6667	122.5994	1.91885
2610	47.3533	339.0054	354.1806	345.5208	122.5994	1.9182
2611	47.3703	366.5938	353.7574	345.375	122.5994	1.91755
2612	47.3873	369.5616	352.7944	345.2292	122.5994	1.9169
2613	47.4043	346.1857	351.5769	345.0833	122.5994	1.91625
2614	47.4213	375.4649	350.5127	344.9375	122.5994	1.9156
2615	47.4383	381.2002	349.6871	344.7917	122.5994	1.91496
2616	47.4553	392.536	349.1045	344.6458	122.5994	1.91431
2617	47.4723	349.7366	348.7016	344.5	122.5994	1.91366
2618	47.4893	350.8119	348.3639	344.3542	122.5994	1.91302
2619	47.5063	359.6836	348.0157	344.2083	122.5994	1.91237
2620	47.5233	367.1737	347.6545	344.0625	122.5994	1.91173
2621	47.5403	358.5879	347.2871	343.9167	122.5994	1.91109
2622	47.5573	361.0481	347.0835	343.7708	122.5994	1.91044
2623	47.5743	370.5922	346.7854	343.625	122.5994	1.9098
2624	47.5913	380.8002	346.5199	343.4792	122.5994	1.90916
2625	47.6083	374.5486	346.2598	343.3333	122.5994	1.90851
2626	47.6253	363.3073	346.0127	343.1875	122.5994	1.90787
2627	47.6423	347.8719	345.7834	343.0417	122.5994	1.90723
2628	47.6593	323.381	345.502	342.8958	122.5994	1.90659
2629	47.6763	350.8834	345.3283	342.75	122.5994	1.90595
2630	47.6933	377.0383	345.3688	342.6042	122.5994	1.90531
2631	47.7103	353.0948	345.4293	342.4583	122.5994	1.90467
2632	47.7273	363.0811	345.5691	342.3125	122.5994	1.90403
2633	47.7443	357.148	345.8448	342.1667	122.5994	1.9034
2634	47.7613	338.7837	346.4043	342.0208	122.5994	1.90276
2635	47.7783	337.3309	347.6024	341.875	122.5994	1.90212
2636	47.7953	325.9817	349.5622	341.7292	122.5994	1.90148
2637	47.8123	333.3915	352.3314	341.5833	122.5994	1.90085
2638	47.8293	366.437	355.4231	341.4375	122.5994	1.90021
2639	47.8463	361.8563	357.7712	341.2917	122.5994	1.89958
2640	47.8633	336.8824	358.3851	341.1458	122.5994	1.89894
2641	47.8803	346.1007	357.7777	341	122.5994	1.89831
2642	47.8973	331.4518	357.4927	341.0469	122.5994	1.89767
2643	47.9143	327.5786	357.9502	341.0938	122.5994	1.89704
2644	47.9313	321.4073	359.0997	341.1406	122.5994	1.89641

2645	47.9483	343.0926	360.3258	341.1875	122.5994	1.89577
2646	47.9653	335.9255	360.9107	341.2344	122.5994	1.89514
2647	47.9823	369.9028	360.3771	341.2813	122.5994	1.89451
2648	47.9993	372.5397	358.9235	341.3281	122.5994	1.89388
2649	48.0163	364.9654	357.2888	341.375	122.5994	1.89325
2650	48.0333	338.6159	356.0133	341.4219	122.5994	1.89262
2651	48.0503	387.8406	355.2343	341.4688	122.5994	1.89199
2652	48.0673	375.0547	354.7602	341.5156	122.5994	1.89136
2653	48.0843	343.3639	354.4135	341.5625	122.5994	1.89073
2654	48.1013	358.5078	354.1694	341.6094	122.5994	1.8901
2655	48.1183	333.5981	354.211	341.6563	122.5994	1.88947
2656	48.1353	353.8798	354.7834	341.7031	122.5994	1.88884
2657	48.1523	360.6514	356.006	341.75	122.5994	1.88822
2658	48.1693	375.6901	358.0377	341.7969	122.5994	1.88759
2659	48.1863	360.0834	360.9387	341.8438	122.5994	1.88696
2660	48.2033	378.3443	364.6477	341.8906	122.5994	1.88634
2661	48.2203	345.706	368.9081	341.9375	122.5994	1.88571
2662	48.2373	357.2576	373.2002	341.9844	122.5994	1.88509
2663	48.2543	372.338	376.5017	342.0313	122.5994	1.88446
2664	48.2713	406.1714	377.6329	342.0781	122.5994	1.88384
2665	48.2883	384.5296	376.2437	342.125	122.5994	1.88322
2666	48.3053	364.7915	372.972	341.8516	122.5994	1.88259
2667	48.3223	372.6837	369.5023	341.5781	122.5994	1.88197
2668	48.3393	390.8876	366.6768	341.3047	122.5994	1.88135
2669	48.3563	376.4102	364.7581	341.0313	122.5994	1.88073
2670	48.3733	353.9709	363.4901	340.7578	122.5994	1.8801
2671	48.3903	333.8936	362.1066	340.4844	122.5994	1.87948
2672	48.4073	362.0424	359.9957	340.2109	122.5994	1.87886
2673	48.4243	384.0661	357.1118	339.9375	122.5994	1.87824
2674	48.4413	380.1382	353.9633	339.6641	122.5994	1.87762
2675	48.4583	380.792	351.0418	339.3906	122.5994	1.87701
2676	48.4753	379.4663	348.6505	339.1172	122.5994	1.87639
2677	48.4923	354.9894	346.8434	338.8438	122.5994	1.87577
2678	48.5093	358.1082	345.7657	338.5703	122.5994	1.87515
2679	48.5263	380.6755	345.4195	338.2969	122.5994	1.87453
2680	48.5433	385.5296	345.8727	338.0234	122.5994	1.87392
2681	48.5603	366.325	347.1757	337.75	122.5994	1.8733
2682	48.5773	367.6441	349.3254	337.4766	122.5994	1.87269
2683	48.5943	383.565	351.7386	337.2031	122.5994	1.87207
2684	48.6113	396.7253	353.5435	336.9297	122.5994	1.87145
2685	48.6283	356.6728	353.6172	336.6563	122.5994	1.87084
2686	48.6453	393.0355	352.074	336.3828	122.5994	1.87023
2687	48.6623	376.77	350.0441	336.1094	122.5994	1.86961
2688	48.6793	381.3272	348.4674	335.8359	122.5994	1.869
2689	48.6963	384.1232	347.8337	335.5625	122.5994	1.86839
2690	48.7133	357.8725	347.9536	335.2891	122.5994	1.86777
2691	48.7303	363.3981	348.3654	335.0156	122.5994	1.86716
2692	48.7473	337.8404	348.3369	334.7422	122.5994	1.86655
2693	48.7643	338.3179	347.3822	334.4688	122.5994	1.86594

2694	48.7813	374.1839	345.8639	334.1953	122.5994	1.86533
2695	48.7983	332.8721	344.3094	333.9219	122.5994	1.86472
2696	48.8153	345.7275	343.0761	333.6484	122.5994	1.86411
2697	48.8323	338.9351	342.2132	333.375	122.5994	1.8635
2698	48.8493	379.2076	341.596	333.1016	122.5994	1.86289
2699	48.8663	345.2556	341.1124	332.8281	122.5994	1.86228
2700	48.8833	330.4241	340.6845	332.5547	122.5994	1.86168
2701	48.9003	321.1299	340.3167	332.2813	122.5994	1.86107
2702	48.9173	332.7611	340.0695	332.0078	122.5994	1.86046
2703	48.9343	369.8464	340.0954	331.7344	122.5994	1.85985
2704	48.9513	359.6069	340.5332	331.4609	122.5994	1.85925
2705	48.9683	383.7096	341.4502	331.1875	122.5994	1.85864
2706	48.9853	347.5142	343.1964	330.9141	122.5994	1.85804
2707	49.0023	343.6639	345.534	330.6406	122.5994	1.85743
2708	49.0193	313.2856	347.927	330.3672	122.5994	1.85683
2709	49.0363	327.8434	349.2065	330.0938	122.5994	1.85622
2710	49.0533	334.3412	348.3289	329.8203	122.5994	1.85562
2711	49.0703	329.6856	345.774	329.5469	122.5994	1.85502
2712	49.0873	337.3773	343.065	329.2734	122.5994	1.85441
2713	49.1043	332.8105	341.2053	329	122.5994	1.85381
2714	49.1213	323.5937	341.0352	329.0417	122.5994	1.85321
2715	49.1383	319.4808	342.1198	329.0833	122.5994	1.85261
2716	49.1553	354.7804	343.9516	329.125	122.5994	1.85201
2717	49.1723	349.2042	345.7034	329.1667	122.5994	1.85141
2718	49.1893	369.4193	347.0612	329.2083	122.5994	1.85081
2719	49.2063	376.8499	348.1912	329.25	122.5994	1.85021
2720	49.2233	349.8126	349.5093	329.2917	122.5994	1.84961
2721	49.2403	377.4673	350.8947	329.3333	122.5994	1.84901
2722	49.2573	398.6572	352.0542	329.375	122.5994	1.84841
2723	49.2743	356.2571	352.7768	329.4167	122.5994	1.84781
2724	49.2913	354.7294	352.603	329.4583	122.5994	1.84722
2725	49.3083	364.0254	351.4402	329.5	122.5994	1.84662
2726	49.3253	349.1181	349.2773	329.5417	122.5994	1.84602
2727	49.3423	344.6408	347.4204	329.5833	122.5994	1.84543
2728	49.3593	346.0061	346.2401	329.625	122.5994	1.84483
2729	49.3763	351.1355	345.5529	329.6667	122.5994	1.84424
2730	49.3933	367.1649	345.0974	329.7083	122.5994	1.84364
2731	49.4103	352.8376	344.5753	329.75	122.5994	1.84305
2732	49.4273	315.7842	343.6086	329.7917	122.5994	1.84245
2733	49.4443	352.043	342.2192	329.8333	122.5994	1.84186
2734	49.4613	312.1031	340.5581	329.875	122.5994	1.84126
2735	49.4783	307.9735	339.2995	329.9167	122.5994	1.84067
2736	49.4953	324.8488	338.5605	329.9583	122.5994	1.84008
2737	49.5123	318.2986	341.9861	330	122.5994	1.83949
2738	49.5293	356.114	342.7306	330.6302	122.5994	1.8389
2739	49.5463	347.2569	343.4725	331.2604	122.5994	1.8383
2740	49.5633	356.5037	344.0614	331.8906	122.5994	1.83771
2741	49.5803	353.5771	344.5672	332.5208	122.5994	1.83712
2742	49.5973	357.1673	345.1824	333.151	122.5994	1.83653

2743	49.6143	338.5704	347.7638	333.7813	122.5994	1.83594
2744	49.6313	310.3528	349.1989	334.4115	122.5994	1.83536
2745	49.6483	342.978	351.0862	335.0417	122.5994	1.83477
2746	49.6653	359.8813	353.3427	335.6719	122.5994	1.83418
2747	49.6823	342.8395	355.8019	336.3021	122.5994	1.83359
2748	49.6993	348.1782	358.2487	336.9323	122.5994	1.833
2749	49.7163	330.3467	360.4605	337.5625	122.5994	1.83242
2750	49.7333	300.8833	362.2373	338.1927	122.5994	1.83183
2751	49.7503	317.1467	363.8707	338.8229	122.5994	1.83124
2752	49.7673	356.3125	365.7907	339.4531	122.5994	1.83066
2753	49.7843	365.4537	368.5695	340.0833	122.5994	1.83007
2754	49.8013	363.3794	372.6501	340.7135	122.5994	1.82949
2755	49.8183	384.2082	378.2639	341.3438	122.5994	1.8289
2756	49.8353	349.6565	385.2983	341.974	122.5994	1.82832
2757	49.8523	362.3094	393.1356	342.6042	122.5994	1.82774
2758	49.8693	378.5225	400.6361	343.2344	122.5994	1.82715
2759	49.8863	354.8251	406.719	343.8646	122.5994	1.82657
2760	49.9033	395.6207	411.3882	344.4948	122.5994	1.82599
2761	49.9203	427.3031	415.6464	345.125	122.5994	1.82541
2762	49.9373	405.2323	419.428	345.2357	122.5994	1.82482
2763	49.9543	405.4411	423.2188	345.3464	122.5994	1.82424
2764	49.9713	389.0892	427.651	345.457	122.5994	1.82366
2765	49.9883	415.4284	433.5569	345.5677	122.5994	1.82308
2766	50.0053	442.965	441.5944	345.6784	122.5994	1.8225
2767	50.0223	442.9283	452.2924	345.7891	122.5994	1.82192
2768	50.0393	472.0196	467.2751	345.8997	122.5994	1.82134
2769	50.0563	496.2653	490.1771	346.0104	122.5994	1.82076
2770	50.0733	506.6608	528.4479	346.1211	122.5994	1.82019
2771	50.0903	594.9859	595.9775	346.2318	122.5994	1.81961
2772	50.1073	697.3676	713.4323	346.3424	122.5994	1.81903
2773	50.1243	823.5686	900.6591	346.4531	122.5994	1.81845
2774	50.1413	1066.827	1160.441	346.5638	122.5994	1.81788
2775	50.1583	1376.612	1456.167	346.6745	122.5994	1.8173
2776	50.1753	1643.816	1685.383	346.7852	122.5994	1.81672
2777	50.1923	1750.68	1712.012	346.8958	122.5994	1.81615
2778	50.2093	1478.46	1526.997	347.0065	122.5994	1.81557
2779	50.2263	1057.461	1271.183	347.1172	122.5994	1.815
2780	50.2433	842.8405	1066.751	347.2279	122.5994	1.81442
2781	50.2603	739.9172	966.8801	347.3385	122.5994	1.81385
2782	50.2773	817.0933	972.1636	347.4492	122.5994	1.81328
2783	50.2943	911.4686	1042.165	347.5599	122.5994	1.8127
2784	50.3113	1075.137	1099.837	347.6706	122.5994	1.81213
2785	50.3283	996.6785	1064.323	347.7813	122.5994	1.81156
2786	50.3453	884.7527	935.4694	347.4674	122.5994	1.81099
2787	50.3623	643.6218	778.7183	347.1536	122.5994	1.81042
2788	50.3793	532.3961	642.4471	346.8398	122.5994	1.80985
2789	50.3963	438.0394	543.5245	346.526	122.5994	1.80927
2790	50.4133	392.0923	480.0804	346.2122	122.5994	1.8087
2791	50.4303	392.612	442.6341	345.8984	122.5994	1.80813

2792	50.4473	410.8957	420.8311	345.5846	122.5994	1.80756
2793	50.4643	385.7839	407.4548	345.2708	122.5994	1.807
2794	50.4813	361.6168	398.4676	344.957	122.5994	1.80643
2795	50.4983	404.0639	391.79	344.6432	122.5994	1.80586
2796	50.5153	403.418	386.8777	344.3294	122.5994	1.80529
2797	50.5323	395.0478	383.3153	344.0156	122.5994	1.80472
2798	50.5493	374.2819	381.0583	343.7018	122.5994	1.80416
2799	50.5663	399.9616	380.395	343.388	122.5994	1.80359
2800	50.5833	401.8551	381.8689	343.0742	122.5994	1.80302
2801	50.6003	412.0078	384.9727	342.7604	122.5994	1.80246
2802	50.6173	429.9871	390.276	342.4466	122.5994	1.80189
2803	50.6343	443.9523	398.0946	342.1328	122.5994	1.80133
2804	50.6513	433.3523	408.1328	341.819	122.5994	1.80076
2805	50.6683	418.8397	418.4723	341.5052	122.5994	1.8002
2806	50.6853	422.8681	426.1772	341.1914	122.5994	1.79963
2807	50.7023	406.7819	429.6342	340.8776	122.5994	1.79907
2808	50.7193	395.1877	428.5785	340.5638	122.5994	1.79851
2809	50.7363	403.768	422.9413	340.25	122.5994	1.79794
2810	50.7533	388.5413	415.0208	339.9362	122.5994	1.79738
2811	50.7703	375.2097	407.5205	339.6224	122.5994	1.79682
2812	50.7873	363.0211	402.3052	339.3086	122.5994	1.79626
2813	50.8043	384.6601	398.9552	338.9948	122.5994	1.7957
2814	50.8213	412.3603	396.0993	338.681	122.5994	1.79514
2815	50.8383	407.284	392.7094	338.3672	122.5994	1.79458
2816	50.8553	391.0493	388.1106	338.0534	122.5994	1.79402
2817	50.8723	368.2266	382.0042	337.7396	122.5994	1.79346
2818	50.8893	359.4925	375.0607	337.4258	122.5994	1.7929
2819	50.9063	353.8897	365.0846	337.112	122.5994	1.79234
2820	50.9233	357.0571	359.3654	336.7982	122.5994	1.79178
2821	50.9403	353.4026	354.7408	336.4844	122.5994	1.79122
2822	50.9573	365.5575	351.2027	336.1706	122.5994	1.79066
2823	50.9743	389.3613	346.7143	335.8568	122.5994	1.79011
2824	50.9913	332.196	345.0306	335.543	122.5994	1.78955
2825	51.0083	331.6731	343.9446	335.2292	122.5994	1.78899
2826	51.0253	353.2184	343.3058	334.9154	122.5994	1.78844
2827	51.0423	345.1333	342.9678	334.6016	122.5994	1.78788
2828	51.0593	386.7349	342.8689	334.2878	122.5994	1.78733
2829	51.0763	376.026	342.998	333.974	122.5994	1.78677
2830	51.0933	362.4641	343.44	333.6602	122.5994	1.78622
2831	51.1103	361.0481	344.3733	333.3464	122.5994	1.78566
2832	51.1273	407.5868	346.1166	333.0326	122.5994	1.78511
2833	51.1443	357.355	349.1574	332.7188	122.5994	1.78456
2834	51.1613	386.5178	353.5626	331.9805	122.5994	1.784
2835	51.1783	384.2131	360.2767	331.2422	122.5994	1.78345
2836	51.1953	384.2112	369.5427	330.5039	122.5994	1.7829
2837	51.2123	371.7052	380.9414	329.7656	122.5994	1.78235
2838	51.2293	334.239	393.5249	329.0273	122.5994	1.78179
2839	51.2463	402.8074	404.6898	328.2891	122.5994	1.78124
2840	51.2633	380.8869	410.3872	327.5508	122.5994	1.78069

2841	51.2803	346.7207	409.1902	326.8125	122.5994	1.78014
2842	51.2973	353.0079	401.8243	326.0742	122.5994	1.77959
2843	51.3143	353.0584	392.1515	325.3359	122.5994	1.77904
2844	51.3313	368.0068	383.525	324.5977	122.5994	1.77849
2845	51.3483	344.504	377.6423	323.8594	122.5994	1.77794
2846	51.3653	343.4057	374.6389	323.1211	122.5994	1.7774
2847	51.3823	357.4257	373.2802	322.3828	122.5994	1.77685
2848	51.3993	347.8474	371.1435	321.6445	122.5994	1.7763
2849	51.4163	362.0401	366.7476	320.9063	122.5994	1.77575
2850	51.4333	374.9121	359.8105	320.168	122.5994	1.77521
2851	51.4503	346.3501	351.7397	319.4297	122.5994	1.77466
2852	51.4673	332.4598	343.8935	318.6914	122.5994	1.77411
2853	51.4843	326.9884	337.0802	317.9531	122.5994	1.77357
2854	51.5013	320.2601	331.6102	317.2148	122.5994	1.77302
2855	51.5183	328.2587	327.4958	316.4766	122.5994	1.77248
2856	51.5353	330.2901	324.455	315.7383	122.5994	1.77193
2857	51.5523	301.3368	322.2468	315	122.5994	1.77139
2858	51.5693	302.0373	321.2272	314.875	122.5994	1.77084
2859	51.5863	330.116	320.5824	314.75	122.5994	1.7703
2860	51.6033	308.0281	320.1713	314.625	122.5994	1.76976
2861	51.6203	300.4911	319.922	314.5	122.5994	1.76921
2862	51.6373	292.382	319.7501	314.375	122.5994	1.76867
2863	51.6543	302.5064	319.6722	314.25	122.5994	1.76813
2864	51.6713	309.7303	319.7938	314.125	122.5994	1.76759
2865	51.6883	325.3742	320.1269	314	122.5994	1.76705
2866	51.7053	325.6071	320.8487	313.875	122.5994	1.7665
2867	51.7223	297.2168	322.0532	313.75	122.5994	1.76596
2868	51.7393	290.3213	323.7144	313.625	122.5994	1.76542
2869	51.7563	314.7685	325.5655	313.5	122.5994	1.76488
2870	51.7733	311.0802	326.9987	313.375	122.5994	1.76434
2871	51.7903	308.8592	327.1005	313.25	122.5994	1.7638
2872	51.8073	317.9643	325.6391	313.125	122.5994	1.76327
2873	51.8243	334.8783	323.4719	313	122.5994	1.76273
2874	51.8413	335.532	321.5649	312.875	122.5994	1.76219
2875	51.8583	293.6445	320.3725	312.75	122.5994	1.76165
2876	51.8753	294.3731	319.9758	312.625	122.5994	1.76111
2877	51.8923	301.9061	320.1145	312.5	122.5994	1.76058
2878	51.9093	318.727	320.3919	312.375	122.5994	1.76004
2879	51.9263	307.2985	319.845	312.25	122.5994	1.7595
2880	51.9433	296.4489	318.9994	312.125	122.5994	1.75897
2881	51.9603	319.5671	317.768	312	122.5994	1.75843
2882	51.9773	303.0057	317.1437	312.4167	122.5994	1.7579
2883	51.9943	342.0379	316.8073	312.8333	122.5994	1.75736
2884	52.0113	324.6176	316.8171	313.25	122.5994	1.75683
2885	52.0283	340.6854	317.1013	313.6667	122.5994	1.75629
2886	52.0453	312.5468	317.6636	314.0833	122.5994	1.75576
2887	52.0623	306.5205	318.3918	314.5	122.5994	1.75523
2888	52.0793	340.1492	319.1534	314.9167	122.5994	1.75469
2889	52.0963	323.4698	320.3483	315.3333	122.5994	1.75416

2890	52.1133	315.8866	321.7809	315.75	122.5994	1.75363
2891	52.1303	297.5479	323.4131	316.1667	122.5994	1.7531
2892	52.1473	325.5793	325.1624	316.5833	122.5994	1.75257
2893	52.1643	344.3398	326.9387	317	122.5994	1.75204
2894	52.1813	332.2961	328.7158	317.4167	122.5994	1.7515
2895	52.1983	327.068	330.5286	317.8333	122.5994	1.75097
2896	52.2153	336.1472	332.364	318.25	122.5994	1.75044
2897	52.2323	288.3332	333.7345	318.6667	122.5994	1.74991
2898	52.2493	342.3085	334.4773	319.0833	122.5994	1.74938
2899	52.2663	330.5853	334.6351	319.5	122.5994	1.74886
2900	52.2833	298.48	334.5069	319.9167	122.5994	1.74833
2901	52.3003	318.4173	334.3568	320.3333	122.5994	1.7478
2902	52.3173	325.6849	334.3312	320.75	122.5994	1.74727
2903	52.3343	312.1522	334.4955	321.1667	122.5994	1.74674
2904	52.3513	320.6631	334.9001	321.5833	122.5994	1.74622
2905	52.3683	320.3431	335.2218	322	122.5994	1.74569
2906	52.3853	322.1567	335.4475	322.5417	122.5994	1.74516
2907	52.4023	333.8238	335.3437	323.0833	122.5994	1.74464
2908	52.4193	337.9417	335.0118	323.625	122.5994	1.74411
2909	52.4363	320.9898	334.6493	324.1667	122.5994	1.74359
2910	52.4533	326.0957	334.4267	324.7083	122.5994	1.74306
2911	52.4703	357.882	334.4607	325.25	122.5994	1.74254
2912	52.4873	348.7015	334.8545	325.7917	122.5994	1.74201
2913	52.5043	339.6817	335.519	326.3333	122.5994	1.74149
2914	52.5213	339.7197	336.3932	326.875	122.5994	1.74096
2915	52.5383	333.4922	337.3391	327.4167	122.5994	1.74044
2916	52.5553	291.124	338.076	327.9583	122.5994	1.73992
2917	52.5723	327.8021	338.4156	328.5	122.5994	1.73939
2918	52.5893	375.0724	338.4028	329.0417	122.5994	1.73887
2919	52.6063	351.2492	338.3017	329.5833	122.5994	1.73835
2920	52.6233	327.5853	338.3647	330.125	122.5994	1.73783
2921	52.6403	326.9561	338.8469	330.6667	122.5994	1.73731
2922	52.6573	321.5401	339.5967	331.2083	122.5994	1.73679
2923	52.6743	308.0525	340.6864	331.75	122.5994	1.73627
2924	52.6913	341.7194	341.9715	332.2917	122.5994	1.73575
2925	52.7083	319.3227	343.2821	332.8333	122.5994	1.73523
2926	52.7253	323.5044	344.5103	333.375	122.5994	1.73471
2927	52.7423	324.0432	345.6557	333.9167	122.5994	1.73419
2928	52.7593	338.21	346.7376	334.4583	122.5994	1.73367
2929	52.7763	342.2942	347.7617	335	122.5994	1.73315
2930	52.7933	320.9969	348.4086	335.1875	122.5994	1.73263
2931	52.8103	346.8957	349.2503	335.375	122.5994	1.73212
2932	52.8273	365.7415	350.1927	335.5625	122.5994	1.7316
2933	52.8443	326.2471	351.4731	335.75	122.5994	1.73108
2934	52.8613	348.8588	353.1482	335.9375	122.5994	1.73056
2935	52.8783	338.5639	355.1711	336.125	122.5994	1.73005
2936	52.8953	322.1564	357.4457	336.3125	122.5994	1.72953
2937	52.9123	369.8307	359.7065	336.5	122.5994	1.72902
2938	52.9293	362.4683	361.6241	336.6875	122.5994	1.7285

2939	52.9463	383.2834	362.8783	336.875	122.5994	1.72799
2940	52.9633	377.5559	363.3097	337.0625	122.5994	1.72747
2941	52.9803	357.0948	362.9183	337.25	122.5994	1.72696
2942	52.9973	329.1438	361.9544	337.4375	122.5994	1.72644
2943	53.0143	344.4559	360.8088	337.625	122.5994	1.72593
2944	53.0313	347.2583	359.9165	337.8125	122.5994	1.72542
2945	53.0483	354.0287	359.5139	338	122.5994	1.7249
2946	53.0653	366.5787	359.5353	338.1875	122.5994	1.72439
2947	53.0823	354.1141	359.8064	338.375	122.5994	1.72388
2948	53.0993	364.0861	359.9667	338.5625	122.5994	1.72337
2949	53.1163	373.5956	359.6802	338.75	122.5994	1.72286
2950	53.1333	350.0657	358.6971	338.9375	122.5994	1.72234
2951	53.1503	334.0323	357.1521	339.125	122.5994	1.72183
2952	53.1673	361.0166	355.5753	339.3125	122.5994	1.72132
2953	53.1843	355.0479	354.3828	339.5	122.5994	1.72081
2954	53.2013	342.0273	353.9143	339.6875	122.5994	1.7203
2955	53.2183	340.5906	354.2978	339.875	122.5994	1.71979
2956	53.2353	340.0751	355.5968	340.0625	122.5994	1.71928
2957	53.2523	352.1178	357.6053	340.25	122.5994	1.71878
2958	53.2693	358.602	359.9695	340.4375	122.5994	1.71827
2959	53.2863	352.4054	362.1675	340.625	122.5994	1.71776
2960	53.3033	364.8563	363.7629	340.8125	122.5994	1.71725
2961	53.3203	346.5825	364.4055	341	122.5994	1.71674
2962	53.3373	334.9346	364.1552	341.1875	122.5994	1.71624
2963	53.3543	348.4207	363.2982	341.375	122.5994	1.71573
2964	53.3713	328.6222	362.2977	341.5625	122.5994	1.71522
2965	53.3883	340.1605	361.5288	341.75	122.5994	1.71472
2966	53.4053	340.1167	361.2381	341.9375	122.5994	1.71421
2967	53.4223	359.9813	361.4816	342.125	122.5994	1.71371
2968	53.4393	348.9653	362.1901	342.3125	122.5994	1.7132
2969	53.4563	355.6851	363.1311	342.5	122.5994	1.7127
2970	53.4733	353.8514	364.0152	342.6875	122.5994	1.71219
2971	53.4903	320.4216	364.549	342.875	122.5994	1.71169
2972	53.5073	310.2617	364.7392	343.0625	122.5994	1.71118
2973	53.5243	309.8013	364.8208	343.25	122.5994	1.71068
2974	53.5413	381.7434	364.8606	343.4375	122.5994	1.71018
2975	53.5583	357.4605	364.327	343.625	122.5994	1.70968
2976	53.5753	364.4891	362.8306	343.8125	122.5994	1.70917
2977	53.5923	337.8983	360.8135	344	122.5994	1.70867
2978	53.6093	317.9817	358.8651	344.0417	122.5994	1.70817
2979	53.6263	338.2509	357.388	344.0833	122.5994	1.70767
2980	53.6433	331.4803	356.4287	344.125	122.5994	1.70717
2981	53.6603	306.571	355.9921	344.1667	122.5994	1.70667
2982	53.6773	360.5171	356.1098	344.2083	122.5994	1.70617
2983	53.6943	353.5706	356.4423	344.25	122.5994	1.70567
2984	53.7113	336.9624	356.9979	344.2917	122.5994	1.70517
2985	53.7283	342.9152	357.6281	344.3333	122.5994	1.70467
2986	53.7453	332.8626	358.4948	344.375	122.5994	1.70417
2987	53.7623	337.6962	359.3457	344.4167	122.5994	1.70367

2988	53.7793	346.0167	359.3576	344.4583	122.5994	1.70317
2989	53.7963	367.5719	358.1603	344.5	122.5994	1.70267
2990	53.8133	345.9268	356.5484	344.5417	122.5994	1.70217
2991	53.8303	352.2147	355.1623	344.5833	122.5994	1.70168
2992	53.8473	360.8197	354.6259	344.625	122.5994	1.70118
2993	53.8643	351.9937	354.9662	344.6667	122.5994	1.70068
2994	53.8813	349.7366	356.018	344.7083	122.5994	1.70019
2995	53.8983	338.874	357.4109	344.75	122.5994	1.69969
2996	53.9153	327.2387	358.5611	344.7917	122.5994	1.69919
2997	53.9323	334.5958	358.9637	344.8333	122.5994	1.6987
2998	53.9493	338.5275	358.6664	344.875	122.5994	1.6982
2999	53.9663	346.1322	358.0732	344.9167	122.5994	1.69771
3000	53.9833	339.7866	357.3947	344.9583	122.5994	1.69721
3001	54.0003	337.7264	356.6977	345	122.5994	1.69672
3002	54.0173	361.058	356.9779	345.5553	122.5994	1.69623
3003	54.0343	337.4219	357.8132	346.1107	122.5994	1.69573
3004	54.0513	328.8327	359.1721	346.666	122.5994	1.69524
3005	54.0683	345.5932	361.0866	347.2214	122.5994	1.69475
3006	54.0853	357.1614	363.411	347.7767	122.5994	1.69425
3007	54.1023	355.8404	366.1134	348.332	122.5994	1.69376
3008	54.1193	345.6591	368.79	348.8874	122.5994	1.69327
3009	54.1363	336.9108	371.0706	349.4427	122.5994	1.69278
3010	54.1533	371.4356	372.071	349.998	122.5994	1.69229
3011	54.1703	369.427	371.3687	350.5534	122.5994	1.6918
3012	54.1873	347.055	369.6901	351.1087	122.5994	1.69131
3013	54.2043	324.6683	368.107	351.6641	122.5994	1.69082
3014	54.2213	357.1661	367.225	352.2194	122.5994	1.69033
3015	54.2383	355.1921	368.0001	352.7747	122.5994	1.68984
3016	54.2553	350.1376	368.5951	353.3301	122.5994	1.68935
3017	54.2723	356.372	369.522	353.8854	122.5994	1.68886
3018	54.2893	357.2576	370.3059	354.4408	122.5994	1.68837
3019	54.3063	346.6447	370.5462	354.9961	122.5994	1.68788
3020	54.3233	371.415	370.1021	355.5514	122.5994	1.68739
3021	54.3403	361.2037	369.4861	356.1068	122.5994	1.6869
3022	54.3573	331.3082	369.5691	356.6621	122.5994	1.68642
3023	54.3743	365.4657	369.8693	357.2174	122.5994	1.68593
3024	54.3913	395.716	370.8862	357.7728	122.5994	1.68544
3025	54.4083	387.7965	372.725	358.3281	122.5994	1.68496
3026	54.4253	379.2995	375.0975	358.5332	122.5994	1.68447
3027	54.4423	328.7642	378.5758	358.7383	122.5994	1.68398
3028	54.4593	339.9711	383.0999	358.9434	122.5994	1.6835
3029	54.4763	354.9535	388.3873	359.1484	122.5994	1.68301
3030	54.4933	385.4846	393.7707	359.3535	122.5994	1.68253
3031	54.5103	391.3243	397.6981	359.5586	122.5994	1.68204
3032	54.5273	385.521	399.8397	359.7637	122.5994	1.68156
3033	54.5443	378.1745	400.5755	359.9688	122.5994	1.68108
3034	54.5613	382.1917	400.0303	360.1738	122.5994	1.68059
3035	54.5783	361.646	398.2077	360.3789	122.5994	1.68011
3036	54.5953	341.0294	396.8734	360.584	122.5994	1.67963

3037	54.6123	381.478	397.8757	360.7891	122.5994	1.67914
3038	54.6293	380.1845	402.1817	360.9941	122.5994	1.67866
3039	54.6463	361.3723	409.2079	361.1992	122.5994	1.67818
3040	54.6633	345.1031	417.6346	361.4043	122.5994	1.6777
3041	54.6803	375.2917	424.9884	361.6094	122.5994	1.67722
3042	54.6973	377.2076	428.4501	361.8145	122.5994	1.67674
3043	54.7143	360.5995	428.019	362.0195	122.5994	1.67625
3044	54.7313	381.1824	424.6738	362.2246	122.5994	1.67577
3045	54.7483	368.58	420.8372	362.4297	122.5994	1.67529
3046	54.7653	386.765	418.5222	362.6348	122.5994	1.67481
3047	54.7823	408.6641	419.3425	362.8398	122.5994	1.67433
3048	54.7993	404.9281	424.301	363.0449	122.5994	1.67386
3049	54.8163	447.1459	434.956	363.25	122.5994	1.67338
3050	54.8333	465.7804	454.0367	363.4551	122.5994	1.6729
3051	54.8503	503.5691	485.5167	363.6602	122.5994	1.67242
3052	54.8673	536.5502	533.631	363.8652	122.5994	1.67194
3053	54.8843	630.2979	596.8097	364.0703	122.5994	1.67146
3054	54.9013	708.7455	662.7902	364.2754	122.5994	1.67099
3055	54.9183	807.147	702.9797	364.4805	122.5994	1.67051
3056	54.9353	735.4507	689.5993	364.6855	122.5994	1.67003
3057	54.9523	646.5815	633.5616	364.8906	122.5994	1.66956
3058	54.9693	506.5858	569.6135	365.0957	122.5994	1.66908
3059	54.9863	470.8448	521.3303	365.3008	122.5994	1.6686
3060	55.0033	456.877	498.0121	365.5059	122.5994	1.66813
3061	55.0203	494.0146	499.4675	365.7109	122.5994	1.66765
3062	55.0373	549.3777	518.9637	365.916	122.5994	1.66718
3063	55.0543	599.4598	543.3781	366.1211	122.5994	1.6667
3064	55.0713	583.083	553.5806	366.3262	122.5994	1.66623
3065	55.0883	554.4432	538.3009	366.5313	122.5994	1.66576
3066	55.1053	547.754	507.4338	366.7363	122.5994	1.66528
3067	55.1223	469.145	476.6021	366.9414	122.5994	1.66481
3068	55.1393	408.5566	453.7662	367.1465	122.5994	1.66434
3069	55.1563	396.262	440.5036	367.3516	122.5994	1.66386
3070	55.1733	420.7625	435.275	367.5566	122.5994	1.66339
3071	55.1903	437.0988	434.1714	367.7617	122.5994	1.66292
3072	55.2073	440.6374	434.7915	367.9668	122.5994	1.66245
3073	55.2243	436.4591	435.4651	368.1719	122.5994	1.66197
3074	55.2413	429.6583	435.6187	368.0267	122.5994	1.6615
3075	55.2583	412.0558	436.5199	367.8815	122.5994	1.66103
3076	55.2753	431.5352	439.5344	367.7363	122.5994	1.66056
3077	55.2923	413.113	446.5611	367.5911	122.5994	1.66009
3078	55.3093	454.6287	460.007	367.446	122.5994	1.65962
3079	55.3263	465.8367	481.6378	367.3008	122.5994	1.65915
3080	55.3433	512.3988	510.1374	367.1556	122.5994	1.65868
3081	55.3603	569.8666	539.8172	367.0104	122.5994	1.65821
3082	55.3773	556.8134	557.4146	366.8652	122.5994	1.65774
3083	55.3943	504.6737	549.5881	366.7201	122.5994	1.65728
3084	55.4113	445.2043	520.961	366.5749	122.5994	1.65681
3085	55.4283	434.6212	488.0518	366.4297	122.5994	1.65634

3086	55.4453	410.7226	462.0988	366.2845	122.5994	1.65587
3087	55.4623	433.442	447.7011	366.1393	122.5994	1.65541
3088	55.4793	450.0004	444.9535	365.9941	122.5994	1.65494
3089	55.4963	449.1121	451.1159	365.849	122.5994	1.65447
3090	55.5133	428.857	460.5229	365.7038	122.5994	1.65401
3091	55.5303	428.3373	464.7437	365.5586	122.5994	1.65354
3092	55.5473	412.1167	457.3816	365.4134	122.5994	1.65307
3093	55.5643	409.0784	442.0215	365.2682	122.5994	1.65261
3094	55.5813	408.7335	425.8961	365.123	122.5994	1.65214
3095	55.5983	389.2916	412.8276	364.9779	122.5994	1.65168
3096	55.6153	372.6518	403.8244	364.8327	122.5994	1.65121
3097	55.6323	376.7489	398.7501	364.6875	122.5994	1.65075
3098	55.6493	384.1232	396.1673	364.1172	122.5994	1.65028
3099	55.6663	397.2636	394.5265	363.5469	122.5994	1.64982
3100	55.6833	369.6356	394.6698	362.9766	122.5994	1.64936
3101	55.7003	394.4841	395.9165	362.4063	122.5994	1.64889
3102	55.7173	386.3464	398.7401	361.8359	122.5994	1.64843
3103	55.7343	393.8994	403.528	361.2656	122.5994	1.64797
3104	55.7513	393.963	409.9525	360.6953	122.5994	1.64751
3105	55.7683	410.9736	416.4377	360.125	122.5994	1.64704
3106	55.7853	422.7453	420.5166	359.5547	122.5994	1.64658
3107	55.8023	404.2075	421.1855	358.9844	122.5994	1.64612
3108	55.8193	389.826	421.3391	358.4141	122.5994	1.64566
3109	55.8363	391.5888	422.5847	357.8438	122.5994	1.6452
3110	55.8533	402.7047	425.5856	357.2734	122.5994	1.64474
3111	55.8703	426.4812	429.7431	356.7031	122.5994	1.64428
3112	55.8873	424.5784	433.9813	356.1328	122.5994	1.64382
3113	55.9043	404.8121	436.867	355.5625	122.5994	1.64336
3114	55.9213	404.0639	436.9666	354.9922	122.5994	1.6429
3115	55.9383	412.1966	433.4794	354.4219	122.5994	1.64244
3116	55.9553	439.5479	426.9998	353.8516	122.5994	1.64198
3117	55.9723	380.388	419.9599	353.2813	122.5994	1.64152
3118	55.9893	384.2112	413.5788	352.7109	122.5994	1.64107
3119	56.0063	383.0997	408.3169	352.1406	122.5994	1.64061
3120	56.0233	365.6804	403.8816	351.5703	122.5994	1.64015
3121	56.0403	315.4422	399.685	351	122.5994	1.63969
3122	56.0573	356.3906	395.6835	350.7708	122.5994	1.63924
3123	56.0743	372.4543	391.2368	350.5417	122.5994	1.63878
3124	56.0913	369.4707	386.4405	350.3125	122.5994	1.63832
3125	56.1083	348.5011	381.2006	350.0833	122.5994	1.63787
3126	56.1253	330.0725	376.63	349.8542	122.5994	1.63741
3127	56.1423	370.543	372.4533	349.625	122.5994	1.63696
3128	56.1593	365.8528	368.7509	349.3958	122.5994	1.6365
3129	56.1763	369.7705	365.5958	349.1667	122.5994	1.63605
3130	56.1933	368.8115	362.9489	348.9375	122.5994	1.63559
3131	56.2103	366.2782	360.922	348.7083	122.5994	1.63514
3132	56.2273	376.4102	359.1945	348.4792	122.5994	1.63468
3133	56.2443	376.3239	358.0318	348.25	122.5994	1.63423
3134	56.2613	384.4786	357.1366	348.0208	122.5994	1.63378

3135	56.2783	387.4827	356.3856	347.7917	122.5994	1.63332
3136	56.2953	371.0866	355.7405	347.5625	122.5994	1.63287
3137	56.3123	368.5074	355.1707	347.3333	122.5994	1.63242
3138	56.3293	357.4396	354.7012	347.1042	122.5994	1.63196
3139	56.3463	327.2895	354.3098	346.875	122.5994	1.63151
3140	56.3633	336.9586	353.9864	346.6458	122.5994	1.63106
3141	56.3803	346.713	353.7175	346.4167	122.5994	1.63061
3142	56.3973	358.3747	353.4761	346.1875	122.5994	1.63016
3143	56.4143	363.224	353.2468	345.9583	122.5994	1.62971
3144	56.4313	357.2576	353.1373	345.7292	122.5994	1.62926
3145	56.4483	367.0641	353.2072	345.5	122.5994	1.62881
3146	56.4653	335.3211	353.5178	345.2708	122.5994	1.62836
3147	56.4823	344.6737	354.4283	345.0417	122.5994	1.62791
3148	56.4993	357.1757	356.0465	344.8125	122.5994	1.62746
3149	56.5163	343.5818	358.4323	344.5833	122.5994	1.62701
3150	56.5333	308.8902	361.3522	344.3542	122.5994	1.62656
3151	56.5503	332.6822	364.031	344.125	122.5994	1.62611
3152	56.5673	348.1526	365.1196	343.8958	122.5994	1.62566
3153	56.5843	371.5907	363.894	343.6667	122.5994	1.62521
3154	56.6013	350.7622	361.2671	343.4375	122.5994	1.62477
3155	56.6183	378.8654	358.6446	343.2083	122.5994	1.62432
3156	56.6353	360.3897	356.9014	342.9792	122.5994	1.62387
3157	56.6523	327.1095	356.2966	342.75	122.5994	1.62342
3158	56.6693	307.5892	357.2051	342.5208	122.5994	1.62298
3159	56.6863	329.9213	359.0811	342.2917	122.5994	1.62253
3160	56.7033	356.3946	360.9642	342.0625	122.5994	1.62209
3161	56.7203	353.5197	361.5902	341.8333	122.5994	1.62164
3162	56.7373	356.9192	360.4008	341.6042	122.5994	1.62119
3163	56.7543	332.1029	358.1977	341.375	122.5994	1.62075
3164	56.7713	354.3987	356.0203	341.1458	122.5994	1.6203
3165	56.7883	309.299	354.4769	340.9167	122.5994	1.61986
3166	56.8053	347.0399	353.2669	340.6875	122.5994	1.61941
3167	56.8223	356.3508	352.7006	340.4583	122.5994	1.61897
3168	56.8393	344.4873	352.3521	340.2292	122.5994	1.61853
3169	56.8563	319.289	351.9244	340	122.5994	1.61808
3170	56.8733	348.2795	351.0317	339.6667	122.5994	1.61764
3171	56.8903	342.2172	349.7812	339.3333	122.5994	1.6172
3172	56.9073	342.2956	348.3938	339	122.5994	1.61675
3173	56.9243	339.4694	347.127	338.6667	122.5994	1.61631
3174	56.9413	330.2996	346.0663	338.3333	122.5994	1.61587
3175	56.9583	323.388	345.2101	338	122.5994	1.61543
3176	56.9753	321.2739	344.4619	337.6667	122.5994	1.61499
3177	56.9923	338.5275	343.7631	337.3333	122.5994	1.61454
3178	57.0093	333.3277	343.081	337	122.5994	1.6141
3179	57.0263	335.1945	342.4348	336.6667	122.5994	1.61366
3180	57.0433	351.9053	341.8641	336.3333	122.5994	1.61322
3181	57.0603	329.9391	341.3837	336	122.5994	1.61278
3182	57.0773	302.731	341.049	335.6667	122.5994	1.61234
3183	57.0943	310.9328	340.9229	335.3333	122.5994	1.6119

3184	57.1113	316.99	341.1091	335	122.5994	1.61146
3185	57.1283	315.0625	341.8725	334.6667	122.5994	1.61102
3186	57.1453	313.134	343.4857	334.3333	122.5994	1.61058
3187	57.1623	305.8745	346.5887	334	122.5994	1.61015
3188	57.1793	306.8077	351.8963	333.6667	122.5994	1.60971
3189	57.1963	318.1874	359.9311	333.3333	122.5994	1.60927
3190	57.2133	363.4049	370.4499	333	122.5994	1.60883
3191	57.2303	354.2549	381.5498	332.6667	122.5994	1.60839
3192	57.2473	332.4547	389.9508	332.3333	122.5994	1.60796
3193	57.2643	341.2944	393.3427	332	122.5994	1.60752
3194	57.2813	330.5227	390.3387	331.6667	122.5994	1.60708
3195	57.2983	348.0577	381.445	331.3333	122.5994	1.60665
3196	57.3153	359.9975	371.1218	331	122.5994	1.60621
3197	57.3323	378.7048	363.3466	330.6667	122.5994	1.60578
3198	57.3493	339.6724	359.8521	330.3333	122.5994	1.60534
3199	57.3663	321.7536	360.4583	330	122.5994	1.6049
3200	57.3833	338.5946	363.672	329.6667	122.5994	1.60447
3201	57.4003	326.6665	367.1523	329.3333	122.5994	1.60403
3202	57.4173	333.4815	369.0708	329	122.5994	1.6036
3203	57.4343	325.1863	368.2293	328.6667	122.5994	1.60317
3204	57.4513	357.8825	364.1057	328.3333	122.5994	1.60273
3205	57.4683	329.7206	358.2291	328	122.5994	1.6023
3206	57.4853	348.7677	352.4708	327.6667	122.5994	1.60186
3207	57.5023	349.7366	347.7862	327.3333	122.5994	1.60143
3208	57.5193	338.4893	344.4121	327	122.5994	1.601
3209	57.5363	325.599	342.1171	326.6667	122.5994	1.60057
3210	57.5533	385.1241	340.6768	326.3333	122.5994	1.60013
3211	57.5703	325.0237	339.8329	326	122.5994	1.5997
3212	57.5873	336.5995	339.2837	325.6667	122.5994	1.59927
3213	57.6043	316.8096	338.8209	325.3333	122.5994	1.59884
3214	57.6213	316.4142	338.1467	325	122.5994	1.59841
3215	57.6383	319.4132	337.1966	324.6667	122.5994	1.59798
3216	57.6553	349.6042	336.0707	324.3333	122.5994	1.59755
3217	57.6723	337.0509	335.0045	324	122.5994	1.59711
3218	57.6893	356.9611	333.7324	323.3333	122.5994	1.59668
3219	57.7063	341.3338	332.8646	322.6667	122.5994	1.59625
3220	57.7233	331.9367	332.4207	322	122.5994	1.59582
3221	57.7403	317.3767	332.4249	321.3333	122.5994	1.5954
3222	57.7573	326.4815	332.8753	320.6667	122.5994	1.59497
3223	57.7743	326.4001	333.6039	320	122.5994	1.59454
3224	57.7913	340.2187	334.3316	319.3333	122.5994	1.59411
3225	57.8083	338.4033	334.6406	318.6667	122.5994	1.59368
3226	57.8253	323.2335	334.1081	318	122.5994	1.59325
3227	57.8423	337.6093	332.6383	317.3333	122.5994	1.59282
3228	57.8593	314.3201	330.5832	316.6667	122.5994	1.5924
3229	57.8763	312.6566	328.3476	316	122.5994	1.59197
3230	57.8933	313.7102	326.3459	315.3333	122.5994	1.59154
3231	57.9103	309.7236	324.7761	314.6667	122.5994	1.59112
3232	57.9273	305.9939	323.6814	314	122.5994	1.59069

3233	57.9443	320.5615	322.9551	313.3333	122.5994	1.59026
3234	57.9613	330.3437	322.1933	312.6667	122.5994	1.58984
3235	57.9783	313.6821	321.4595	312	122.5994	1.58941
3236	57.9953	332.5082	320.4095	311.3333	122.5994	1.58899
3237	58.0123	318.1461	319.114	310.6667	122.5994	1.58856
3238	58.0293	322.3378	317.9254	310	122.5994	1.58814
3239	58.0463	308.7086	316.7901	309.3333	122.5994	1.58771
3240	58.0633	288.8076	315.9633	308.6667	122.5994	1.58729
3241	58.0803	300.2929	315.5128	308	122.5994	1.58686
3242	58.0973	330.0179	316.6928	308.625	122.5994	1.58644
3243	58.1143	322.1121	318.127	309.25	122.5994	1.58602
3244	58.1313	316.8096	319.6051	309.875	122.5994	1.58559
3245	58.1483	294.6424	321.159	310.5	122.5994	1.58517
3246	58.1653	320.6428	322.765	311.125	122.5994	1.58475
3247	58.1823	327.6537	324.7342	311.75	122.5994	1.58432
3248	58.1993	327.5786	327.2411	312.375	122.5994	1.5839
3249	58.2163	327.6537	330.1644	313	122.5994	1.58348
3250	58.2333	311.3992	333.4709	313.625	122.5994	1.58306
3251	58.2503	316.2993	336.7804	314.25	122.5994	1.58264
3252	58.2673	316.8822	339.0675	314.875	122.5994	1.58221
3253	58.2843	334.3343	339.2303	315.5	122.5994	1.58179
3254	58.3013	317.0192	337.5702	316.125	122.5994	1.58137
3255	58.3183	313.0658	335.6277	316.75	122.5994	1.58095
3256	58.3353	300.2076	334.5682	317.375	122.5994	1.58053
3257	58.3523	322.9582	334.7824	318	122.5994	1.58011
3258	58.3693	307.9695	336.2434	318.625	122.5994	1.57969
3259	58.3863	325.4424	338.4762	319.25	122.5994	1.57927
3260	58.4033	309.3311	340.7851	319.875	122.5994	1.57885
3261	58.4203	328.1349	342.2723	320.5	122.5994	1.57843
3262	58.4373	312.6666	342.2592	321.125	122.5994	1.57802
3263	58.4543	327.6537	340.8666	321.75	122.5994	1.5776
3264	58.4713	327.5786	339.0452	322.375	122.5994	1.57718
3265	58.4883	331.8599	337.688	323	122.5994	1.57676
3266	58.5053	345.9268	337.0898	323.625	122.5994	1.57634
3267	58.5223	340.9345	337.2472	324.25	122.5994	1.57593
3268	58.5393	323.4477	338.1457	324.875	122.5994	1.57551
3269	58.5563	312.1475	339.3153	325.5	122.5994	1.57509
3270	58.5733	317.0353	340.3859	326.125	122.5994	1.57468
3271	58.5903	327.3289	341.2226	326.75	122.5994	1.57426
3272	58.6073	338.7729	342.0131	327.375	122.5994	1.57384
3273	58.6243	349.2514	343.0983	328	122.5994	1.57343
3274	58.6413	329.6108	344.8622	328.625	122.5994	1.57301
3275	58.6583	332.5912	347.5236	329.25	122.5994	1.5726
3276	58.6753	318.7165	351.2651	329.875	122.5994	1.57218
3277	58.6923	331.0756	356.041	330.5	122.5994	1.57177
3278	58.7093	344.0391	361.2922	331.125	122.5994	1.57135
3279	58.7263	344.2637	366.0487	331.75	122.5994	1.57094
3280	58.7433	350.055	369.025	332.375	122.5994	1.57052
3281	58.7603	349.1177	369.4035	333	122.5994	1.57011

3282	58.7773	361.7907	367.9399	333.625	122.5994	1.5697
3283	58.7943	340.3526	365.9238	334.25	122.5994	1.56928
3284	58.8113	327.3627	364.3578	334.875	122.5994	1.56887
3285	58.8283	338.4689	363.3217	335.5	122.5994	1.56846
3286	58.8453	349.8362	362.5429	336.125	122.5994	1.56804
3287	58.8623	335.3407	362.0727	336.75	122.5994	1.56763
3288	58.8793	322.3661	362.0383	337.375	122.5994	1.56722
3289	58.8963	345.0799	362.1189	338	122.5994	1.56681
3290	58.9133	344.8231	361.6161	338.5	122.5994	1.5664
3291	58.9303	339.3854	360.4438	339	122.5994	1.56599
3292	58.9473	323.8244	358.9601	339.5	122.5994	1.56557
3293	58.9643	344.7259	357.528	340	122.5994	1.56516
3294	58.9813	349.7366	356.208	340.5	122.5994	1.56475
3295	58.9983	336.7127	354.7788	341	122.5994	1.56434
3296	59.0153	361.7499	353.3687	341.5	122.5994	1.56393
3297	59.0323	375.3739	352.2025	342	122.5994	1.56352
3298	59.0493	320.4304	351.5445	342.5	122.5994	1.56311
3299	59.0663	366.6476	351.4901	343	122.5994	1.5627
3300	59.0833	339.0618	352.0559	343.5	122.5994	1.56229
3301	59.1003	368.4665	353.1676	344	122.5994	1.56189
3302	59.1173	330.8292	354.8301	344.5	122.5994	1.56148
3303	59.1343	315.3139	357.0751	345	122.5994	1.56107
3304	59.1513	356.4087	359.9202	345.5	122.5994	1.56066
3305	59.1683	346.3412	363.6009	346	122.5994	1.56025
3306	59.1853	347.6038	368.0049	346.5	122.5994	1.55984
3307	59.2023	337.7978	372.823	347	122.5994	1.55944
3308	59.2193	376.0761	377.5011	347.5	122.5994	1.55903
3309	59.2363	355.4043	381.4167	348	122.5994	1.55862
3310	59.2533	362.6143	383.7801	348.5	122.5994	1.55822
3311	59.2703	355.894	384.0629	349	122.5994	1.55781
3312	59.2873	361.2228	382.8861	349.5	122.5994	1.5574
3313	59.3043	349.6565	381.3864	350	122.5994	1.557
3314	59.3213	346.5809	382.3981	350.3958	122.5994	1.55659
3315	59.3383	331.9039	381.5453	350.7917	122.5994	1.55619
3316	59.3553	323.8985	381.1414	351.1875	122.5994	1.55578
3317	59.3723	341.1805	381.0886	351.5833	122.5994	1.55538
3318	59.3893	351.4833	381.1729	351.9792	122.5994	1.55497
3319	59.4063	346.5776	381.0703	352.375	122.5994	1.55457
3320	59.4233	337.6686	380.3174	352.7708	122.5994	1.55416
3321	59.4403	350.7625	378.8434	353.1667	122.5994	1.55376
3322	59.4573	337.2012	376.9502	353.5625	122.5994	1.55336
3323	59.4743	334.6999	376.455	353.9583	122.5994	1.55295
3324	59.4913	353.6047	375.0782	354.3542	122.5994	1.55255
3325	59.5083	347.2659	373.983	354.75	122.5994	1.55215
3326	59.5253	314.1918	373.2096	355.1458	122.5994	1.55174
3327	59.5423	331.2712	372.7725	355.5417	122.5994	1.55134
3328	59.5593	344.7078	372.7091	355.9375	122.5994	1.55094
3329	59.5763	347.6256	372.7995	356.3333	122.5994	1.55054
3330	59.5933	351.0525	373.1542	356.7292	122.5994	1.55014

3331	59.6103	369.5788	373.6304	357.125	122.5994	1.54973
3332	59.6273	344.9076	374.2272	357.5208	122.5994	1.54933
3333	59.6443	350.7714	374.9688	357.9167	122.5994	1.54893
3334	59.6613	388.8026	375.8748	358.3125	122.5994	1.54853
3335	59.6783	385.4415	377.0255	358.7083	122.5994	1.54813
3336	59.6953	377.3566	378.4406	359.1042	122.5994	1.54773
3337	59.7123	385.453	380.2017	359.5	122.5994	1.54733
3338	59.7293	381.8704	381.8919	359.4479	122.5994	1.54693
3339	59.7463	361.29	383.9813	359.3958	122.5994	1.54653
3340	59.7633	373.3145	386.5176	359.3438	122.5994	1.54613
3341	59.7803	373.0649	389.5834	359.2917	122.5994	1.54573
3342	59.7973	411.1383	393.3489	359.2396	122.5994	1.54533
3343	59.8143	390.7426	397.9417	359.1875	122.5994	1.54494
3344	59.8313	406.5842	403.7581	359.1354	122.5994	1.54454
3345	59.8483	443.4262	411.4602	359.0833	122.5994	1.54414
3346	59.8653	441.0753	422.4236	359.0313	122.5994	1.54374
3347	59.8823	479.3123	439.6455	358.9792	122.5994	1.54334
3348	59.8993	488.8327	469.2332	358.9271	122.5994	1.54295
3349	59.9163	525.4332	521.8507	358.875	122.5994	1.54255
3350	59.9333	673.8086	611.694	358.8229	122.5994	1.54215
3351	59.9503	739.954	750.76	358.7708	122.5994	1.54176
3352	59.9673	948.4308	937.1376	358.7188	122.5994	1.54136
3353	59.9843	1120.446	1139.582	358.6667	122.5994	1.54096
3354	60.0013	1202.255	1280.544	358.6146	122.5994	1.54057
3355	60.0183	1154.239	1270.45	358.5625	122.5994	1.54017
3356	60.0353	942.3266	1120.318	358.5104	122.5994	1.53978
3357	60.0523	777.0811	927.6473	358.4583	122.5994	1.53938
3358	60.0693	646.0602	766.4674	358.4063	122.5994	1.53899
3359	60.0863	583.324	668.3339	358.3542	122.5994	1.53859
3360	60.1033	594.4402	638.3143	358.3021	122.5994	1.5382
3361	60.1203	624.5929	668.1116	358.25	122.5994	1.5378
3362	60.1373	690.856	739.1639	358.1979	122.5994	1.53741
3363	60.1543	740.0317	819.0466	358.1458	122.5994	1.53701
3364	60.1713	748.7228	857.2979	358.0938	122.5994	1.53662
3365	60.1883	703.2474	817.0475	358.0417	122.5994	1.53623
3366	60.2053	619.1598	721.9629	357.9896	122.5994	1.53583
3367	60.2223	535.2688	619.0616	357.9375	122.5994	1.53544
3368	60.2393	437.0343	535.0122	357.8854	122.5994	1.53505
3369	60.2563	435.6336	476.9613	357.8333	122.5994	1.53466
3370	60.2733	437.5072	441.0731	357.7813	122.5994	1.53426
3371	60.2903	403.9167	420.3329	357.7292	122.5994	1.53387
3372	60.3073	373.4965	408.2952	357.6771	122.5994	1.53348
3373	60.3243	410.6081	400.8137	357.625	122.5994	1.53309
3374	60.3413	418.2353	395.7472	357.5729	122.5994	1.5327
3375	60.3583	399.2269	392.0665	357.5208	122.5994	1.53231
3376	60.3753	384.5089	389.2542	357.4688	122.5994	1.53192
3377	60.3923	362.6922	387.0214	357.4167	122.5994	1.53153
3378	60.4093	372.4762	385.2838	357.3646	122.5994	1.53113
3379	60.4263	382.88	384.16	357.3125	122.5994	1.53074

3380	60.4433	362.5966	383.475	357.2604	122.5994	1.53035
3381	60.4603	364.4264	383.1827	357.2083	122.5994	1.52997
3382	60.4773	354.4596	383	357.1563	122.5994	1.52958
3383	60.4943	355.5127	382.5398	357.1042	122.5994	1.52919
3384	60.5113	363.176	381.536	357.0521	122.5994	1.5288
3385	60.5283	367.9654	380.097	357	122.5994	1.52841
3386	60.5453	346.6328	378.6005	357	122.5994	1.52802
3387	60.5623	342.2956	377.3854	357	122.5994	1.52763
3388	60.5793	319.9669	376.5867	357	122.5994	1.52724
3389	60.5963	346.2784	376.4506	357	122.5994	1.52686
3390	60.6133	326.1347	376.956	357	122.5994	1.52647
3391	60.6303	365.9368	378.1108	357	122.5994	1.52608
3392	60.6473	354.0699	379.91	357	122.5994	1.52569
3393	60.6643	357.1128	382.2144	357	122.5994	1.52531
3394	60.6813	353.5413	385.2689	357	122.5994	1.52492
3395	60.6983	364.2814	389.4541	357	122.5994	1.52453
3396	60.7153	347.6463	394.9899	357	122.5994	1.52415
3397	60.7323	378.6179	399.5021	357	122.5994	1.52376
3398	60.7493	363.3618	406.2599	357	122.5994	1.52338
3399	60.7663	413.4519	411.7625	357	122.5994	1.52299
3400	60.7833	334.6189	415.2836	357	122.5994	1.52261
3401	60.8003	379.0948	417.0911	357	122.5994	1.52222
3402	60.8173	375.911	416.9979	357	122.5994	1.52184
3403	60.8343	386.6881	414.7355	357	122.5994	1.52145
3404	60.8513	364.775	411.0556	357	122.5994	1.52107
3405	60.8683	358.5184	407.2329	357	122.5994	1.52068
3406	60.8853	347.4496	404.2867	357	122.5994	1.5203
3407	60.9023	364.9098	401.4909	357	122.5994	1.51992
3408	60.9193	344.8708	400.621	357	122.5994	1.51953
3409	60.9363	345.8813	399.9503	357	122.5994	1.51915
3410	60.9533	364.2113	399.292	357.2813	122.5994	1.51877
3411	60.9703	389.9921	398.154	357.5625	122.5994	1.51838
3412	60.9873	387.6706	396.3272	357.8438	122.5994	1.518
3413	61.0043	367.1051	394.0953	358.125	122.5994	1.51762
3414	61.0213	368.1158	391.4673	358.4063	122.5994	1.51724
3415	61.0383	372.5397	389.0529	358.6875	122.5994	1.51685
3416	61.0553	350.9983	387.1095	358.9688	122.5994	1.51647
3417	61.0723	342.4455	385.7267	359.25	122.5994	1.51609
3418	61.0893	363.1324	384.8575	359.5313	122.5994	1.51571
3419	61.1063	362.4031	384.4558	359.8125	122.5994	1.51533
3420	61.1233	348.817	384.4555	360.0938	122.5994	1.51495
3421	61.1403	357.6721	384.4654	360.375	122.5994	1.51457
3422	61.1573	366.3632	384.426	360.6563	122.5994	1.51419
3423	61.1743	374.4822	384.5126	360.9375	122.5994	1.51381
3424	61.1913	375.1686	384.7453	361.2188	122.5994	1.51343
3425	61.2083	372.5397	385.5365	361.5	122.5994	1.51305
3426	61.2253	348.9342	387.1049	361.7813	122.5994	1.51267
3427	61.2423	362.8598	389.8528	362.0625	122.5994	1.51229
3428	61.2593	363.9946	394.1529	362.3438	122.5994	1.51191

3429	61.2763	378.6014	400.1147	362.625	122.5994	1.51153
3430	61.2933	363.1201	407.2274	362.9063	122.5994	1.51115
3431	61.3103	369.4113	413.6399	363.1875	122.5994	1.51078
3432	61.3273	369.3734	416.3651	363.4688	122.5994	1.5104
3433	61.3443	381.7008	413.969	363.75	122.5994	1.51002
3434	61.3613	394.4671	408.2489	363.5313	122.5994	1.50964
3435	61.3783	378.5445	402.6677	363.3125	122.5994	1.50926
3436	61.3953	348.7111	399.1232	363.0938	122.5994	1.50889
3437	61.4123	377.8946	398.4656	362.875	122.5994	1.50851
3438	61.4293	358.2936	400.9154	362.6563	122.5994	1.50813
3439	61.4463	368.3794	406.2451	362.4375	122.5994	1.50776
3440	61.4633	407.7862	414.0376	362.2188	122.5994	1.50738
3441	61.4803	372.8947	422.8396	362	122.5994	1.50701
3442	61.4973	399.9616	430.2956	361.7813	122.5994	1.50663
3443	61.5143	400.0533	434.0083	361.5625	122.5994	1.50625
3444	61.5313	397.1289	432.4377	361.3438	122.5994	1.50588
3445	61.5483	367.2366	425.2643	361.125	122.5994	1.5055
3446	61.5653	388.5409	415.1333	360.9063	122.5994	1.50513
3447	61.5823	386.9524	406.3112	360.6875	122.5994	1.50475
3448	61.5993	368.4474	400.4906	360.4688	122.5994	1.50438
3449	61.6163	418.9878	398.1521	360.25	122.5994	1.504
3450	61.6333	394.4019	399.1334	360.0313	122.5994	1.50363
3451	61.6503	398.3496	402.7001	359.8125	122.5994	1.50326
3452	61.6673	426.4793	407.907	359.5938	122.5994	1.50288
3453	61.6843	410.2274	413.4172	359.375	122.5994	1.50251
3454	61.7013	408.9897	417.4577	359.1563	122.5994	1.50214
3455	61.7183	401.0424	418.8149	358.9375	122.5994	1.50176
3456	61.7353	413.3512	418.1106	358.7188	122.5994	1.50139
3457	61.7523	402.9504	417.2411	358.5	122.5994	1.50102
3458	61.7693	404.9315	417.1566	358.2813	122.5994	1.50065
3459	61.7863	400.0533	418.4051	358.0625	122.5994	1.50027
3460	61.8033	405.0978	420.8235	357.8438	122.5994	1.4999
3461	61.8203	397.8419	423.0708	357.625	122.5994	1.49953
3462	61.8373	382.1302	422.4679	357.4063	122.5994	1.49916
3463	61.8543	399.7814	417.4917	357.1875	122.5994	1.49879
3464	61.8713	403.8909	410.1072	356.9688	122.5994	1.49842
3465	61.8883	407.0211	402.9646	356.75	122.5994	1.49805
3466	61.9053	417.9446	397.5755	356.5313	122.5994	1.49768
3467	61.9223	397.8008	394.0772	356.3125	122.5994	1.49731
3468	61.9393	372.5735	392.2315	356.0938	122.5994	1.49694
3469	61.9563	376.8272	391.6139	355.875	122.5994	1.49657
3470	61.9733	394.2599	391.7368	355.6563	122.5994	1.4962
3471	61.9903	366.7683	391.7854	355.4375	122.5994	1.49583
3472	62.0073	384.0192	390.457	355.2188	122.5994	1.49546
3473	62.0243	391.5718	386.9459	355	122.5994	1.49509
3474	62.0413	339	382.3578	354.7813	122.5994	1.49472
3475	62.0583	362.2024	377.971	354.5625	122.5994	1.49435
3476	62.0753	355.8967	374.7259	354.3438	122.5994	1.49398
3477	62.0923	367.6817	372.6051	354.125	122.5994	1.49361

3478	62.1093	363.1244	371.5011	353.9063	122.5994	1.49325
3479	62.1263	373.853	371.1992	353.6875	122.5994	1.49288
3480	62.1433	353.5192	371.5089	353.4688	122.5994	1.49251
3481	62.1603	379.9571	372.0627	353.25	122.5994	1.49214
3482	62.1773	349.8142	371.7505	352.5313	122.5994	1.49178
3483	62.1943	339.1997	370.4134	351.8125	122.5994	1.49141
3484	62.2113	359.6483	368.1637	351.0938	122.5994	1.49104
3485	62.2283	339.364	365.5917	350.375	122.5994	1.49068
3486	62.2453	360.6924	362.9544	349.6563	122.5994	1.49031
3487	62.2623	357.0639	360.947	348.9375	122.5994	1.48994
3488	62.2793	324.3657	359.3735	348.2188	122.5994	1.48958
3489	62.2963	338.5275	358.259	347.5	122.5994	1.48921
3490	62.3133	338.6051	357.5085	346.7813	122.5994	1.48885
3491	62.3303	339.5486	356.981	346.0625	122.5994	1.48848
3492	62.3473	348.4745	356.3917	345.3438	122.5994	1.48812
3493	62.3643	340.028	355.3585	344.625	122.5994	1.48775
3494	62.3813	350.9132	353.8738	343.9063	122.5994	1.48739
3495	62.3983	349.3631	352.2587	343.1875	122.5994	1.48702
3496	62.4153	310.4697	350.7122	342.4688	122.5994	1.48666
3497	62.4323	303.9964	349.6436	341.75	122.5994	1.48629
3498	62.4493	318.6536	348.9532	341.0313	122.5994	1.48593
3499	62.4663	322.9422	348.5829	340.3125	122.5994	1.48557
3500	62.4833	342.3234	348.1371	339.5938	122.5994	1.4852
3501	62.5003	319.6702	347.5478	338.875	122.5994	1.48484
3502	62.5173	308.5772	346.4164	338.1563	122.5994	1.48448
3503	62.5343	321.4218	345.0189	337.4375	122.5994	1.48411
3504	62.5513	338.8566	343.486	336.7188	122.5994	1.48375
3505	62.5683	331.8864	342.2632	336	122.5994	1.48339
3506	62.5853	349.7366	341.4975	335.5	122.5994	1.48303
3507	62.6023	332.244	340.9553	335	122.5994	1.48267
3508	62.6193	309.7303	340.619	334.5	122.5994	1.4823
3509	62.6363	327.1463	340.4098	334	122.5994	1.48194
3510	62.6533	333.1374	340.1302	333.5	122.5994	1.48158
3511	62.6703	326.1083	339.7511	333	122.5994	1.48122
3512	62.6873	343.2769	339.1	332.5	122.5994	1.48086
3513	62.7043	357.7607	338.3258	332	122.5994	1.4805
3514	62.7213	347.7997	337.5762	331.5	122.5994	1.48014
3515	62.7383	321.0135	337.1017	331	122.5994	1.47978
3516	62.7553	318.7693	336.9963	330.5	122.5994	1.47942
3517	62.7723	328.6836	337.4233	330	122.5994	1.47906
3518	62.7893	312.1216	338.269	329.5	122.5994	1.4787
3519	62.8063	314.9847	339.1569	329	122.5994	1.47834
3520	62.8233	330.7424	339.3814	328.5	122.5994	1.47798
3521	62.8403	332.2434	338.4192	328	122.5994	1.47762
3522	62.8573	328.4539	336.7729	327.5	122.5994	1.47726
3523	62.8743	324.8364	335.3214	327	122.5994	1.4769
3524	62.8913	344.5678	334.4081	326.5	122.5994	1.47655
3525	62.9083	313.9649	334.13	326	122.5994	1.47619
3526	62.9253	327.3345	334.3044	325.5	122.5994	1.47583

3527	62.9423	334.3703	334.5493	325	122.5994	1.47547
3528	62.9593	306.4044	334.5315	324.5	122.5994	1.47512
3529	62.9763	325.3292	334.2159	324	122.5994	1.47476
3530	62.9933	320.9502	334.2303	324.0833	122.5994	1.4744
3531	63.0103	355.4296	333.8536	324.1667	122.5994	1.47404
3532	63.0273	310.9654	333.271	324.25	122.5994	1.47369
3533	63.0443	338.4724	332.8054	324.3333	122.5994	1.47333
3534	63.0613	338.4801	332.6388	324.4167	122.5994	1.47297
3535	63.0783	331.49	332.7252	324.5	122.5994	1.47262
3536	63.0953	338.6051	332.928	324.5833	122.5994	1.47226
3537	63.1123	338.8285	333.0581	324.6667	122.5994	1.47191
3538	63.1293	339.9679	332.8146	324.75	122.5994	1.47155
3539	63.1463	319.1253	332.3042	324.8333	122.5994	1.4712
3540	63.1633	311.8102	331.762	324.9167	122.5994	1.47084
3541	63.1803	327.1039	331.3554	325	122.5994	1.47049
3542	63.1973	336.0724	331.1494	325.0833	122.5994	1.47013
3543	63.2143	319.8027	331.1535	325.1667	122.5994	1.46978
3544	63.2313	351.9931	331.3691	325.25	122.5994	1.46942
3545	63.2483	331.1855	331.7857	325.3333	122.5994	1.46907
3546	63.2653	325.4488	332.4214	325.4167	122.5994	1.46872
3547	63.2823	329.9829	333.2807	325.5	122.5994	1.46836
3548	63.2993	316.6392	334.2718	325.5833	122.5994	1.46801
3549	63.3163	337.4768	335.1292	325.6667	122.5994	1.46765
3550	63.3333	327.7365	335.5417	325.75	122.5994	1.4673
3551	63.3503	301.0632	335.3001	325.8333	122.5994	1.46695
3552	63.3673	318.9361	334.8471	325.9167	122.5994	1.4666
3553	63.3843	324.5697	334.898	326	122.5994	1.46624
3554	63.4013	343.1556	334.797	325.9551	122.5994	1.46589
3555	63.4183	333.0026	335.0772	325.9101	122.5994	1.46554
3556	63.4353	316.7134	335.5534	325.8652	122.5994	1.46519
3557	63.4523	322.1315	336.2763	325.8203	122.5994	1.46484
3558	63.4693	320.4527	337.2013	325.7753	122.5994	1.46449
3559	63.4863	338.7069	338.3043	325.7304	122.5994	1.46413
3560	63.5033	344.9084	339.5388	325.6855	122.5994	1.46378
3561	63.5203	327.6748	340.8428	325.6405	122.5994	1.46343
3562	63.5373	292.6006	342.0429	325.5956	122.5994	1.46308
3563	63.5543	320.7244	342.7454	325.5507	122.5994	1.46273
3564	63.5713	329.0015	342.9096	325.5057	122.5994	1.46238
3565	63.5883	315.582	342.1972	325.4608	122.5994	1.46203
3566	63.6053	320.8159	341.1458	325.4159	122.5994	1.46168
3567	63.6223	311.1361	339.9709	325.3709	122.5994	1.46133
3568	63.6393	301.0105	339.1313	325.326	122.5994	1.46098
3569	63.6563	307.3232	338.9625	325.2811	122.5994	1.46063
3570	63.6733	332.6008	339.7358	325.2361	122.5994	1.46028
3571	63.6903	341.5277	341.5554	325.1912	122.5994	1.45994
3572	63.7073	339.2155	344.2083	325.1463	122.5994	1.45959
3573	63.7243	313.8707	346.9613	325.1013	122.5994	1.45924
3574	63.7413	297.5147	348.9233	325.0564	122.5994	1.45889
3575	63.7583	340.9478	349.8614	325.0115	122.5994	1.45854

3576	63.7753	325.7098	350.1765	324.9665	122.5994	1.45819
3577	63.7923	341.2398	349.8936	324.9216	122.5994	1.45785
3578	63.8093	338.6611	348.6976	324.9062	122.5994	1.4575
3579	63.8263	342.2411	346.7957	324.8908	122.5994	1.45715
3580	63.8433	334.7613	345.1985	324.8754	122.5994	1.4568
3581	63.8603	321.0713	344.6882	324.86	122.5994	1.45646
3582	63.8773	340.7766	345.5109	324.8446	122.5994	1.45611
3583	63.8943	312.8292	347.4611	324.8292	122.5994	1.45576
3584	63.9113	308.8788	349.964	324.8138	122.5994	1.45542
3585	63.9283	334.9346	352.4218	324.7984	122.5994	1.45507
3586	63.9453	333.8687	354.6398	324.7829	122.5994	1.45473
3587	63.9623	332.2347	356.9962	324.7675	122.5994	1.45438
3588	63.9793	359.992	360.3421	324.7521	122.5994	1.45404
3589	63.9963	373.2297	366.3441	324.7367	122.5994	1.45369
3590	64.0133	389.8314	377.8071	324.7213	122.5994	1.45335
3591	64.0303	450.5212	397.8259	324.7059	122.5994	1.453
3592	64.0473	485.7192	427.7895	324.6905	122.5994	1.45266
3593	64.0643	474.1517	465.1551	324.6751	122.5994	1.45231
3594	64.0813	498.428	500.5809	324.6597	122.5994	1.45197
3595	64.0983	484.8648	517.3257	324.6443	122.5994	1.45162
3596	64.1153	419.8404	504.5984	324.6289	122.5994	1.45128
3597	64.1323	397.5497	472.9731	324.6135	122.5994	1.45094
3598	64.1493	381.5326	439.1139	324.5981	122.5994	1.45059
3599	64.1663	344.2632	412.3736	324.5827	122.5994	1.45025
3600	64.1833	344.2935	395.9949	324.5673	122.5994	1.44991
3601	64.2003	382.6297	390.1627	324.5519	122.5994	1.44956
3602	64.2173	398.3317	393.6723	324.5365	122.5994	1.44922
3603	64.2343	396.1277	404.4047	324.521	122.5994	1.44888
3604	64.2513	408.292	418.4055	324.5056	122.5994	1.44854
3605	64.2683	403.2009	428.4252	324.4902	122.5994	1.44819
3606	64.2853	384.9385	426.0105	324.4748	122.5994	1.44785
3607	64.3023	360.7343	411.2043	324.4594	122.5994	1.44751
3608	64.3193	319.0217	391.9786	324.444	122.5994	1.44717
3609	64.3363	317.0517	374.505	324.4286	122.5994	1.44683
3610	64.3533	302.4698	361.1838	324.4132	122.5994	1.44649
3611	64.3703	295.9731	351.9807	324.3978	122.5994	1.44614
3612	64.3873	287.3412	345.8618	324.3824	122.5994	1.4458
3613	64.4043	320.0147	341.6856	324.367	122.5994	1.44546
3614	64.4213	303.5673	338.6588	324.3516	122.5994	1.44512
3615	64.4383	300.3155	336.3415	324.3362	122.5994	1.44478
3616	64.4553	319.2552	334.5258	324.3208	122.5994	1.44444
3617	64.4723	326.9416	333.08	324.3054	122.5994	1.4441
3618	64.4893	342.784	331.9044	324.29	122.5994	1.44376
3619	64.5063	342.7098	331.0914	324.2746	122.5994	1.44342
3620	64.5233	329.5971	330.4686	324.2591	122.5994	1.44308
3621	64.5403	305.5612	329.9921	324.2437	122.5994	1.44275
3622	64.5573	341.9832	329.7054	324.2283	122.5994	1.44241
3623	64.5743	349.482	329.6107	324.2129	122.5994	1.44207
3624	64.5913	295.1188	329.6994	324.1975	122.5994	1.44173

3625	64.6083	316.2725	329.9468	324.1821	122.5994	1.44139
3626	64.6253	353.2039	330.3345	324.1667	122.5994	1.44105
3627	64.6423	327.523	330.9278	324.1513	122.5994	1.44071
3628	64.6593	322.0524	331.6752	324.1359	122.5994	1.44038
3629	64.6763	363.4828	332.6187	324.1205	122.5994	1.44004
3630	64.6933	340.1958	333.4953	324.1051	122.5994	1.4397
3631	64.7103	316.512	334.0195	324.0897	122.5994	1.43936
3632	64.7273	314.985	333.9739	324.0743	122.5994	1.43903
3633	64.7443	328.7248	333.3941	324.0589	122.5994	1.43869
3634	64.7613	328.9262	332.5248	324.0435	122.5994	1.43835
3635	64.7783	307.3537	331.6115	324.0281	122.5994	1.43802
3636	64.7953	334.6774	330.8596	324.0127	122.5994	1.43768
3637	64.8123	308.7611	329.8899	323.9972	122.5994	1.43735
3638	64.8293	313.293	329.6332	323.9818	122.5994	1.43701
3639	64.8463	307.5349	329.6548	323.9664	122.5994	1.43667
3640	64.8633	330.2876	329.9136	323.951	122.5994	1.43634
3641	64.8803	354.6913	330.219	323.9356	122.5994	1.436
3642	64.8973	345.7826	330.4071	323.9202	122.5994	1.43567
3643	64.9143	315.092	330.7097	323.9048	122.5994	1.43533
3644	64.9313	312.9966	331.21	323.8894	122.5994	1.435
3645	64.9483	319.098	332.1754	323.874	122.5994	1.43466
3646	64.9653	298.6968	333.7737	323.8586	122.5994	1.43433
3647	64.9823	323.8432	335.8554	323.8586	122.5994	1.434

No.	Pos. [°2Th. lobs [cts]	lcalc [cts]	lback [cts]	CT [s]	ESD	D spacings
1	3.0003	2256.243	2256.243	2256.243	122.5994	29.42347
2	3.0173	2105.642	2225.358	2225.358	122.5994	29.25773
3	3.0343	2051.709	2194.473	2194.473	122.5994	29.09385
4	3.0513	2037.849	2163.588	2163.588	122.5994	28.9318
5	3.0683	1954.187	2132.703	2132.703	122.5994	28.77154
6	3.0853	1861.628	2101.818	2101.818	122.5994	28.61305
7	3.1023	1832.201	2070.933	2070.933	122.5994	28.45629
8	3.1193	1872.916	2040.047	2040.047	122.5994	28.30124
9	3.1363	1774.213	2009.162	2009.162	122.5994	28.14788
10	3.1533	1816.714	1978.277	1978.277	122.5994	27.99617
11	3.1703	1769.51	1947.392	1947.392	122.5994	27.84608
12	3.1873	1695.5	1916.507	1916.507	122.5994	27.6976
13	3.2043	1695.608	1885.622	1885.622	122.5994	27.55069
14	3.2213	1704.748	1854.737	1854.737	122.5994	27.40534
15	3.2383	1680.983	1823.851	1823.851	122.5994	27.26151
16	3.2553	1660.042	1792.966	1792.966	122.5994	27.11918
17	3.2723	1624.382	1762.081	1762.081	122.5994	26.97833
18	3.2893	1628.441	1731.196	1731.196	122.5994	26.83894
19	3.3063	1601.82	1700.311	1700.311	122.5994	26.70098
20	3.3233	1575.808	1669.426	1669.426	122.5994	26.56443
21	3.3403	1548.958	1638.541	1638.541	122.5994	26.42928
22	3.3573	1512.9	1607.655	1607.655	122.5994	26.29549
23	3.3743	1489.184	1576.77	1576.77	122.5994	26.16305
24	3.3913	1497.786	1545.885	1545.885	122.5994	26.03194
25	3.4083	1501.951	1515	1515	122.5994	25.90213
26	3.4253	1538.52	1505.333	1505.333	122.5994	25.77362
27	3.4423	1555.843	1495.667	1495.667	122.5994	25.64637
28	3.4593	1498.248	1486	1486	122.5994	25.52038
29	3.4763	1436.383	1476.333	1476.333	122.5994	25.39561
30	3.4933	1444.976	1466.667	1466.667	122.5994	25.27207
31	3.5103	1474.078	1457	1457	122.5994	25.14971
32	3.5273	1436.573	1447.333	1447.333	122.5994	25.02854
33	3.5443	1439.827	1437.667	1437.667	122.5994	24.90853
34	3.5613	1435.428	1428	1428	122.5994	24.78967
35	3.5783	1385.07	1418.333	1418.333	122.5994	24.67194
36	3.5953	1335.841	1408.667	1408.667	122.5994	24.55532
37	3.6123	1353.355	1399	1399	122.5994	24.4398
38	3.6293	1379.294	1389.333	1389.333	122.5994	24.32536
39	3.6463	1377.771	1379.667	1379.667	122.5994	24.21198
40	3.6633	1426.764	1370	1370	122.5994	24.09966
41	3.6803	1391.152	1360.333	1360.333	122.5994	23.98838
42	3.6973	1351.25	1350.667	1350.667	122.5994	23.87812
43	3.7143	1287.93	1341	1341	122.5994	23.76887
44	3.7313	1248.737	1331.333	1331.333	122.5994	23.66062
45	3.7483	1293.346	1321.667	1321.667	122.5994	23.55335
46	3.7653	1275.179	1312	1312	122.5994	23.44704
47	3.7823	1260.401	1302.333	1302.333	122.5994	23.3417

48	3.7993	1239.768	1292.667	1292.667	122.5994	23.23729
49	3.8163	1304.407	1283	1283	122.5994	23.13382
50	3.8333	1332.569	1274.958	1274.958	122.5994	23.03126
51	3.8503	1215.856	1266.917	1266.917	122.5994	22.92961
52	3.8673	1267.643	1258.875	1258.875	122.5994	22.82886
53	3.8843	1209.069	1250.833	1250.833	122.5994	22.72898
54	3.9013	1234.406	1242.792	1242.792	122.5994	22.62998
55	3.9183	1167.257	1234.75	1234.75	122.5994	22.53184
56	3.9353	1191.505	1226.708	1226.708	122.5994	22.43454
57	3.9523	1211.55	1218.667	1218.667	122.5994	22.33808
58	3.9693	1256.191	1210.625	1210.625	122.5994	22.24245
59	3.9863	1204.328	1202.583	1202.583	122.5994	22.14763
60	4.0033	1142.91	1194.542	1194.542	122.5994	22.05362
61	4.0203	1108.484	1186.5	1186.5	122.5994	21.9604
62	4.0373	1156.022	1178.458	1178.458	122.5994	21.86797
63	4.0543	1158.263	1170.417	1170.417	122.5994	21.77632
64	4.0713	1141.297	1162.375	1162.375	122.5994	21.68543
65	4.0883	1109.774	1154.333	1154.333	122.5994	21.59529
66	4.1053	1132.984	1146.292	1146.292	122.5994	21.50591
67	4.1223	1143.552	1138.25	1138.25	122.5994	21.41726
68	4.1393	1129.744	1130.208	1130.208	122.5994	21.32933
69	4.1563	1119.141	1122.167	1122.167	122.5994	21.24213
70	4.1733	1096.331	1114.125	1114.125	122.5994	21.15564
71	4.1903	1089.191	1106.083	1106.083	122.5994	21.06985
72	4.2073	1088.299	1098.042	1098.042	122.5994	20.98475
73	4.2243	1086.717	1090	1090	122.5994	20.90034
74	4.2413	1099.383	1085.25	1085.25	122.5994	20.81661
75	4.2583	1082.716	1080.5	1080.5	122.5994	20.73354
76	4.2753	1061.307	1075.75	1075.75	122.5994	20.65114
77	4.2923	1043.91	1071	1071	122.5994	20.56939
78	4.3093	1049.577	1066.25	1066.25	122.5994	20.48828
79	4.3263	1087.464	1061.5	1061.5	122.5994	20.40781
80	4.3433	1139.849	1056.75	1056.75	122.5994	20.32797
81	4.3603	1074.692	1052	1052	122.5994	20.24875
82	4.3773	1048.116	1047.25	1047.25	122.5994	20.17015
83	4.3943	1064.677	1042.5	1042.5	122.5994	20.09216
84	4.4113	1064.148	1037.75	1037.75	122.5994	20.01477
85	4.4283	1041.853	1033	1033	122.5994	19.93797
86	4.4453	1026.187	1028.25	1028.25	122.5994	19.86176
87	4.4623	1079.296	1023.5	1023.5	122.5994	19.78613
88	4.4793	1015.652	1018.75	1018.75	122.5994	19.71108
89	4.4963	1074.138	1014	1014	122.5994	19.63659
90	4.5133	994.1823	1009.25	1009.25	122.5994	19.56267
91	4.5303	956.7792	1004.5	1004.5	122.5994	19.48929
92	4.5473	1058.214	999.75	999.75	122.5994	19.41647
93	4.5643	1050.046	995	995	122.5994	19.34419
94	4.5813	973.4429	990.25	990.25	122.5994	19.27245
95	4.5983	986.4051	985.5	985.5	122.5994	19.20124
96	4.6153	1004.601	980.75	980.75	122.5994	19.13055

97	4.6323	995.2777	976	976	122.5994	19.06038
98	4.6493	947.5883	973.4167	973.4167	122.5994	18.99073
99	4.6663	935.6872	970.8333	970.8333	122.5994	18.92158
100	4.6833	931.8332	968.25	968.25	122.5994	18.85293
101	4.7003	942.5076	965.6667	965.6667	122.5994	18.78479
102	4.7173	946.7607	963.0833	963.0833	122.5994	18.71713
103	4.7343	964.7867	960.5	960.5	122.5994	18.64996
104	4.7513	957.5085	957.9167	957.9167	122.5994	18.58327
105	4.7683	951.2253	955.3333	955.3333	122.5994	18.51705
106	4.7853	925.5659	952.75	952.75	122.5994	18.45131
107	4.8023	982.8095	950.1667	950.1667	122.5994	18.38603
108	4.8193	933.2775	947.5833	947.5833	122.5994	18.32121
109	4.8363	927.9089	945	945	122.5994	18.25685
110	4.8533	944.0856	942.4167	942.4167	122.5994	18.19294
111	4.8703	909.8192	939.8333	939.8333	122.5994	18.12947
112	4.8873	899.0488	937.25	937.25	122.5994	18.06645
113	4.9043	890.4778	934.6667	934.6667	122.5994	18.00386
114	4.9213	922.896	932.0833	932.0833	122.5994	17.94171
115	4.9383	936.1148	929.5	929.5	122.5994	17.87998
116	4.9553	903.15	926.9167	926.9167	122.5994	17.81868
117	4.9723	888.1693	924.3333	924.3333	122.5994	17.7578
118	4.9893	882.3233	921.75	921.75	122.5994	17.69733
119	5.0063	891.2485	919.1667	919.1667	122.5994	17.63727
120	5.0233	897.358	916.5833	916.5833	122.5994	17.57762
121	5.0403	917.6212	914	914	122.5994	17.51837
122	5.0573	922.9026	911.125	911.125	122.5994	17.45953
123	5.0743	937.1738	908.25	908.25	122.5994	17.40107
124	5.0913	853.136	905.375	905.375	122.5994	17.34301
125	5.1083	871.1038	902.5	902.5	122.5994	17.28533
126	5.1253	869.2012	899.625	899.625	122.5994	17.22803
127	5.1423	886.3316	896.75	896.75	122.5994	17.17112
128	5.1593	882.5267	893.875	893.875	122.5994	17.11458
129	5.1763	862.8515	891	891	122.5994	17.05841
130	5.1933	872.1864	888.125	888.125	122.5994	17.00261
131	5.2103	862.0663	885.25	885.25	122.5994	16.94717
132	5.2273	839.448	882.375	882.375	122.5994	16.89209
133	5.2443	869.6059	879.5	879.5	122.5994	16.83737
134	5.2613	901.8718	876.625	876.625	122.5994	16.78301
135	5.2783	911.3526	873.75	873.75	122.5994	16.72899
136	5.2953	863.5843	870.875	870.875	122.5994	16.67532
137	5.3123	902.4947	868	868	122.5994	16.622
138	5.3293	860.9903	865.125	865.125	122.5994	16.56901
139	5.3463	864.1709	862.25	862.25	122.5994	16.51637
140	5.3633	876.0423	859.375	859.375	122.5994	16.46405
141	5.3803	886.8917	856.5	856.5	122.5994	16.41207
142	5.3973	795.8068	853.625	853.625	122.5994	16.36041
143	5.4143	812.5811	850.75	850.75	122.5994	16.30908
144	5.4313	819.7219	847.875	847.875	122.5994	16.25807
145	5.4483	845.0321	845	845	122.5994	16.20738

146	5.4653	880.6873	845.0417	845.0417	122.5994	16.15701
147	5.4823	866.9275	845.0833	845.0833	122.5994	16.10695
148	5.4993	844.9122	845.125	845.125	122.5994	16.05719
149	5.5163	826.8163	845.1667	845.1667	122.5994	16.00775
150	5.5333	797.804	845.2083	845.2083	122.5994	15.9586
151	5.5503	842.7844	845.25	845.25	122.5994	15.90976
152	5.5673	873.442	845.2917	845.2917	122.5994	15.86122
153	5.5843	824.7824	845.3333	845.3333	122.5994	15.81297
154	5.6013	805.6542	845.375	845.375	122.5994	15.76502
155	5.6183	814.8836	845.4167	845.4167	122.5994	15.71735
156	5.6353	852.7233	845.4583	845.4583	122.5994	15.66998
157	5.6523	842.9624	845.5	845.5	122.5994	15.62289
158	5.6693	863.7032	845.5417	845.5417	122.5994	15.57608
159	5.6863	830.5982	845.5833	845.5833	122.5994	15.52955
160	5.7033	826.5131	845.625	845.625	122.5994	15.4833
161	5.7203	824.3668	845.6667	845.6667	122.5994	15.43732
162	5.7373	860.4232	845.7083	845.7083	122.5994	15.39162
163	5.7543	839.6218	845.75	845.75	122.5994	15.34618
164	5.7713	815.3612	845.7917	845.7917	122.5994	15.30102
165	5.7883	823.3627	845.8333	845.8333	122.5994	15.25612
166	5.8053	808.5835	845.875	845.875	122.5994	15.21148
167	5.8223	807.3765	847.4838	845.9167	122.5994	15.16711
168	5.8393	812.2419	848.4339	845.9583	122.5994	15.12299
169	5.8563	844.2993	848.6771	846	122.5994	15.07913
170	5.8733	875.6321	849.175	846.2708	122.5994	15.03552
171	5.8903	889.9216	849.7029	846.5417	122.5994	14.99216
172	5.9073	861.9643	850.2661	846.8125	122.5994	14.94906
173	5.9243	867.3699	850.8715	847.0833	122.5994	14.9062
174	5.9413	830.0123	851.5276	847.3542	122.5994	14.86358
175	5.9583	829.3204	852.2449	847.625	122.5994	14.82121
176	5.9753	857.5114	853.0369	847.8958	122.5994	14.77909
177	5.9923	864.3762	853.9213	848.1667	122.5994	14.7372
178	6.0093	869.1128	854.9207	848.4375	122.5994	14.69554
179	6.0263	865.3533	856.0652	848.7083	122.5994	14.65413
180	6.0433	889.6209	857.3962	848.9792	122.5994	14.61294
181	6.0603	878.4193	858.9717	849.25	122.5994	14.57199
182	6.0773	919.0843	860.8813	849.5208	122.5994	14.53126
183	6.0943	902.0474	863.2813	849.7917	122.5994	14.49077
184	6.1113	855.592	866.476	850.0625	122.5994	14.4505
185	6.1283	892.3047	871.0899	850.3333	122.5994	14.41045
186	6.1453	905.793	878.3455	850.6042	122.5994	14.37062
187	6.1623	942.4436	890.367	850.875	122.5994	14.33102
188	6.1793	925.6328	910.2366	851.1458	122.5994	14.29163
189	6.1963	986.8031	941.3645	851.4167	122.5994	14.25246
190	6.2133	1005.303	985.8988	851.6875	122.5994	14.2135
191	6.2303	1016.373	1042.221	851.9583	122.5994	14.17475
192	6.2473	1071.44	1101.584	852.2292	122.5994	14.13622
193	6.2643	1101.361	1145.243	852.5	122.5994	14.0979
194	6.2813	1177.136	1151.693	852.7708	122.5994	14.05978

195	6.2983	1138.912	1117.568	853.0417	122.5994	14.02187
196	6.3153	1109.356	1061.243	853.3125	122.5994	13.98416
197	6.3323	1038.254	1003.411	853.5833	122.5994	13.94666
198	6.3493	960.2182	955.5952	853.8542	122.5994	13.90935
199	6.3663	905.6575	921.1723	854.125	122.5994	13.87225
200	6.3833	866.928	898.8332	854.3958	122.5994	13.83534
201	6.4003	865.6381	885.3528	854.6667	122.5994	13.79863
202	6.4173	880.1805	877.4633	854.9375	122.5994	13.76212
203	6.4343	876.1513	872.7489	855.2083	122.5994	13.72579
204	6.4513	898.2926	869.7483	855.4792	122.5994	13.68966
205	6.4683	915.2485	867.6899	855.75	122.5994	13.65372
206	6.4853	848.7213	866.1942	856.0208	122.5994	13.61797
207	6.5023	808.2621	865.071	856.2917	122.5994	13.5824
208	6.5193	839.0352	864.2154	856.5625	122.5994	13.54702
209	6.5363	839.5791	863.5614	856.8333	122.5994	13.51183
210	6.5533	823.6505	863.0637	857.1042	122.5994	13.47682
211	6.5703	875.0563	862.6892	857.375	122.5994	13.44198
212	6.5873	861.2341	862.4131	857.6458	122.5994	13.40733
213	6.6043	844.0026	862.2167	857.9167	122.5994	13.37286
214	6.6213	867.8099	862.0853	858.1875	122.5994	13.33856
215	6.6383	873.8138	862.0073	858.4583	122.5994	13.30444
216	6.6553	883.6134	861.9739	858.7292	122.5994	13.2705
217	6.6723	846.3632	861.9777	859	122.5994	13.23672
218	6.6893	846.9639	859.8672	857.125	122.5994	13.20312
219	6.7063	838.4452	857.7834	855.25	122.5994	13.16969
220	6.7233	801.0701	855.7225	853.375	122.5994	13.13643
221	6.7403	785.4868	851.5	851.5	122.5994	13.10334
222	6.7573	831.4431	849.625	849.625	122.5994	13.07041
223	6.7743	828.8462	847.75	847.75	122.5994	13.03765
224	6.7913	819.1086	845.875	845.875	122.5994	13.00505
225	6.8083	817.9753	844	844	122.5994	12.97261
226	6.8253	832.4619	842.125	842.125	122.5994	12.94034
227	6.8423	815.3948	840.25	840.25	122.5994	12.90823
228	6.8593	842.8233	838.375	838.375	122.5994	12.87627
229	6.8763	868.0314	836.5	836.5	122.5994	12.84448
230	6.8933	769.6475	834.625	834.625	122.5994	12.81284
231	6.9103	809.6767	832.75	832.75	122.5994	12.78136
232	6.9273	774.004	830.875	830.875	122.5994	12.75003
233	6.9443	795.0478	829	829	122.5994	12.71886
234	6.9613	801.185	827.125	827.125	122.5994	12.68783
235	6.9783	824.0826	825.25	825.25	122.5994	12.65696
236	6.9953	834.2539	823.375	823.375	122.5994	12.62624
237	7.0123	817.5074	821.5	821.5	122.5994	12.59567
238	7.0293	809.4579	819.625	819.625	122.5994	12.56525
239	7.0463	792.2893	817.75	817.75	122.5994	12.53497
240	7.0633	842.8582	815.875	815.875	122.5994	12.50484
241	7.0803	787.7127	814	814	122.5994	12.47485
242	7.0973	815.0964	813.125	813.125	122.5994	12.44501
243	7.1143	838.4277	812.25	812.25	122.5994	12.41531

244	7.1313	786.5826	811.375	811.375	122.5994	12.38575
245	7.1483	795.2321	810.5	810.5	122.5994	12.35633
246	7.1653	789.1509	809.625	809.625	122.5994	12.32706
247	7.1823	777.7683	808.75	808.75	122.5994	12.29792
248	7.1993	793.1499	807.875	807.875	122.5994	12.26892
249	7.2163	818.2715	807	807	122.5994	12.24005
250	7.2333	863.1862	806.125	806.125	122.5994	12.21132
251	7.2503	836.4678	805.25	805.25	122.5994	12.18273
252	7.2673	793.494	804.375	804.375	122.5994	12.15427
253	7.2843	831.2903	803.5	803.5	122.5994	12.12594
254	7.3013	838.5357	802.625	802.625	122.5994	12.09774
255	7.3183	850.7931	801.75	801.75	122.5994	12.06968
256	7.3353	810.3039	800.875	800.875	122.5994	12.04175
257	7.3523	810.0153	800	800	122.5994	12.01394
258	7.3693	829.0999	799.125	799.125	122.5994	11.98627
259	7.3863	842.8873	798.25	798.25	122.5994	11.95872
260	7.4033	825.4933	797.375	797.375	122.5994	11.93129
261	7.4203	838.6218	796.5	796.5	122.5994	11.904
262	7.4373	839.3087	795.625	795.625	122.5994	11.87683
263	7.4543	812.7655	794.75	794.75	122.5994	11.84978
264	7.4713	791.7127	793.875	793.875	122.5994	11.82285
265	7.4883	787.8087	793	793	122.5994	11.79605
266	7.5053	801.4978	793.5417	793.5417	122.5994	11.76937
267	7.5223	778.1694	794.0833	794.0833	122.5994	11.74281
268	7.5393	796.5325	794.625	794.625	122.5994	11.71637
269	7.5563	802.2067	795.1667	795.1667	122.5994	11.69005
270	7.5733	765.7336	795.7083	795.7083	122.5994	11.66385
271	7.5903	801.5686	796.25	796.25	122.5994	11.63776
272	7.6073	774.8846	796.7917	796.7917	122.5994	11.61179
273	7.6243	810.4973	797.3333	797.3333	122.5994	11.58594
274	7.6413	853.3728	797.875	797.875	122.5994	11.5602
275	7.6583	806.9036	798.4167	798.4167	122.5994	11.53458
276	7.6753	800.905	798.9583	798.9583	122.5994	11.50907
277	7.6923	790.2958	799.5	799.5	122.5994	11.48367
278	7.7093	811.3365	800.0417	800.0417	122.5994	11.45839
279	7.7263	795.5693	800.5833	800.5833	122.5994	11.43321
280	7.7433	800.7136	801.125	801.125	122.5994	11.40815
281	7.7603	746.3926	801.6667	801.6667	122.5994	11.3832
282	7.7773	787.8123	802.2083	802.2083	122.5994	11.35835
283	7.7943	753.4005	802.75	802.75	122.5994	11.33362
284	7.8113	789.6021	803.2917	803.2917	122.5994	11.30899
285	7.8283	794.6463	803.8333	803.8333	122.5994	11.28447
286	7.8453	827.7194	804.375	804.375	122.5994	11.26006
287	7.8623	780.9883	804.9167	804.9167	122.5994	11.23575
288	7.8793	800.2155	805.4583	805.4583	122.5994	11.21154
289	7.8963	818.1093	806	806	122.5994	11.18745
290	7.9133	800.1897	806.75	806.75	122.5994	11.16345
291	7.9303	815.2191	807.5	807.5	122.5994	11.13956
292	7.9473	809.5533	808.25	808.25	122.5994	11.11577

293	7.9643	806.769	809	809	122.5994	11.09208
294	7.9813	780.1031	809.75	809.75	122.5994	11.06849
295	7.9983	798.795	810.5	810.5	122.5994	11.045
296	8.0153	815.6225	811.25	811.25	122.5994	11.02162
297	8.0323	783.4394	812	812	122.5994	10.99833
298	8.0493	768.4855	812.75	812.75	122.5994	10.97514
299	8.0663	782.5685	813.5	813.5	122.5994	10.95204
300	8.0833	812.2652	814.25	814.25	122.5994	10.92905
301	8.1003	791.7681	815	815	122.5994	10.90615
302	8.1173	780.6196	815.75	815.75	122.5994	10.88335
303	8.1343	798.0682	816.5	816.5	122.5994	10.86064
304	8.1513	809.7254	817.25	817.25	122.5994	10.83803
305	8.1683	811.8085	822.9	818	122.5994	10.81551
306	8.1853	829.2148	823.8954	818.75	122.5994	10.79309
307	8.2023	870.8538	827.4323	819.5	122.5994	10.77075
308	8.2193	828.4581	828.5959	820.25	122.5994	10.74852
309	8.2363	810.9938	829.7925	821	122.5994	10.72637
310	8.2533	850.0328	831.0258	821.75	122.5994	10.70431
311	8.2703	806.7863	832.2997	822.5	122.5994	10.68235
312	8.2873	801.8274	833.619	823.25	122.5994	10.66047
313	8.3043	836.8617	834.9889	824	122.5994	10.63869
314	8.3213	851.1085	834.1865	822.5208	122.5994	10.61699
315	8.3383	809.2546	833.4482	821.0417	122.5994	10.59538
316	8.3553	839.8923	832.7819	819.5625	122.5994	10.57386
317	8.3723	866.6798	832.1974	818.0833	122.5994	10.55243
318	8.3893	889.7654	831.7061	816.6042	122.5994	10.53109
319	8.4063	874.0159	831.3209	815.125	122.5994	10.50983
320	8.4233	855.007	831.0575	813.6458	122.5994	10.48865
321	8.4403	863.0307	830.9344	812.1667	122.5994	10.46757
322	8.4573	924.122	830.9739	810.6875	122.5994	10.44656
323	8.4743	918.9268	831.2025	809.2083	122.5994	10.42565
324	8.4913	929.6563	831.6526	807.7292	122.5994	10.40481
325	8.5083	930.2674	832.3643	806.25	122.5994	10.38406
326	8.5253	991.7662	833.3875	804.7708	122.5994	10.36339
327	8.5423	936.1157	834.7882	803.2917	122.5994	10.34281
328	8.5593	920.0365	836.6553	801.8125	122.5994	10.3223
329	8.5763	973.4582	839.1172	800.3333	122.5994	10.30188
330	8.5933	972.477	842.3694	798.8542	122.5994	10.28154
331	8.6103	971.1751	846.7217	797.375	122.5994	10.26128
332	8.6273	1061.195	852.6702	795.8958	122.5994	10.24109
333	8.6443	1065.017	861	794.4167	122.5994	10.22099
334	8.6613	1147.09	872.9096	792.9375	122.5994	10.20097
335	8.6783	1122.545	890.1282	791.4583	122.5994	10.18102
336	8.6953	1213.966	914.9814	789.9792	122.5994	10.16116
337	8.7123	1247.889	950.3152	788.5	122.5994	10.14137
338	8.7293	1328.649	999.2244	787.0208	122.5994	10.12166
339	8.7463	1361.858	1064.524	785.5417	122.5994	10.10202
340	8.7633	1436.896	1147.978	784.0625	122.5994	10.08246
341	8.7803	1481.886	1249.359	782.5833	122.5994	10.06298

342	8.7973	1537.61	1365.276	781.1042	122.5994	10.04357
343	8.8143	1663.019	1487.79	779.625	122.5994	10.02424
344	8.8313	1815.676	1602.946	778.1458	122.5994	10.00498
345	8.8483	1973.765	1690.923	776.6667	122.5994	9.9858
346	8.8653	2085.545	1731.163	775.1875	122.5994	9.96669
347	8.8823	2288.857	1712.472	773.7083	122.5994	9.94765
348	8.8993	2588.891	1639.943	772.2292	122.5994	9.92869
349	8.9163	2704.449	1531.344	770.75	122.5994	9.90979
350	8.9333	2451.411	1407.405	769.2708	122.5994	9.89097
351	8.9503	1959.56	1284.636	767.7917	122.5994	9.87222
352	8.9673	1455.361	1173.455	766.3125	122.5994	9.85355
353	8.9843	1093.865	1079.091	764.8333	122.5994	9.83494
354	9.0013	941.9769	1003.032	763.3542	122.5994	9.8164
355	9.0183	893.5335	944.2781	761.875	122.5994	9.79794
356	9.0353	867.0433	900.3735	760.3958	122.5994	9.77954
357	9.0523	820.5012	868.2848	758.9167	122.5994	9.76121
358	9.0693	797.0098	845.0214	757.4375	122.5994	9.74295
359	9.0863	779.5117	828.0211	755.9583	122.5994	9.72476
360	9.1033	776.8891	815.2982	754.4792	122.5994	9.70664
361	9.1203	778.4245	805.4349	753	122.5994	9.68859
362	9.1373	707.8053	795.2502	749.2917	122.5994	9.6706
363	9.1543	724.2964	786.3618	745.5833	122.5994	9.65268
364	9.1713	738.8244	778.387	741.875	122.5994	9.63482
365	9.1883	712.9573	771.0851	738.1667	122.5994	9.61704
366	9.2053	712.1221	764.3016	734.4583	122.5994	9.59931
367	9.2223	708.2397	757.932	730.75	122.5994	9.58166
368	9.2393	683.9109	751.9012	727.0417	122.5994	9.56407
369	9.2563	695.6812	746.153	723.3333	122.5994	9.54654
370	9.2733	653.0875	740.643	719.625	122.5994	9.52908
371	9.2903	746.8159	735.3358	715.9167	122.5994	9.51168
372	9.3073	718.8217	730.2021	712.2083	122.5994	9.49434
373	9.3243	697.0408	725.2183	708.5	122.5994	9.47707
374	9.3413	721.7473	720.3641	704.7917	122.5994	9.45986
375	9.3583	649.7835	715.6227	701.0833	122.5994	9.44272
376	9.3753	641.8177	710.9799	697.375	122.5994	9.42563
377	9.3923	667.527	706.4236	693.6667	122.5994	9.40861
378	9.4093	683.5553	701.9436	689.9583	122.5994	9.39165
379	9.4263	659.7815	697.5311	686.25	122.5994	9.37475
380	9.4433	656.1657	693.1785	682.5417	122.5994	9.35791
381	9.4603	662.3208	688.879	678.8333	122.5994	9.34113
382	9.4773	667.7299	684.6273	675.125	122.5994	9.32441
383	9.4943	657.6258	680.4183	671.4167	122.5994	9.30776
384	9.5113	671.924	676.2476	667.7083	122.5994	9.29116
385	9.5283	672.8666	672.1115	664	122.5994	9.27462
386	9.5453	637.388	670.0482	662.3333	122.5994	9.25814
387	9.5623	684.4223	663.2111	660.6667	122.5994	9.24172
388	9.5793	691.6633	659	659	122.5994	9.22536
389	9.5963	677.2688	657.3333	657.3333	122.5994	9.20905
390	9.6133	654.0494	655.6667	655.6667	122.5994	9.19281

391	9.6303	666.534	654	654	122.5994	9.17662
392	9.6473	661.1868	652.3333	652.3333	122.5994	9.16048
393	9.6643	633.5469	650.6667	650.6667	122.5994	9.14441
394	9.6813	631.855	649	649	122.5994	9.12839
395	9.6983	604.9409	647.3333	647.3333	122.5994	9.11243
396	9.7153	593.179	645.6667	645.6667	122.5994	9.09652
397	9.7323	614.8235	644	644	122.5994	9.08067
398	9.7493	607.4296	642.3333	642.3333	122.5994	9.06487
399	9.7663	630.5791	640.6667	640.6667	122.5994	9.04913
400	9.7833	618.116	639	639	122.5994	9.03344
401	9.8003	583.6292	637.3333	637.3333	122.5994	9.01781
402	9.8173	609.9311	635.6667	635.6667	122.5994	9.00224
403	9.8343	623.526	634	634	122.5994	8.98671
404	9.8513	633.4608	632.3333	632.3333	122.5994	8.97124
405	9.8683	633.1207	630.6667	630.6667	122.5994	8.95583
406	9.8853	626.444	629	629	122.5994	8.94046
407	9.9023	614.0081	627.3333	627.3333	122.5994	8.92515
408	9.9193	613.8492	625.6667	625.6667	122.5994	8.90989
409	9.9363	650.442	624	624	122.5994	8.89469
410	9.9533	624.0979	622.8333	622.8333	122.5994	8.87953
411	9.9703	594.8792	621.6667	621.6667	122.5994	8.86443
412	9.9873	598.7308	620.5	620.5	122.5994	8.84938
413	10.0043	600.2268	619.3333	619.3333	122.5994	8.83438
414	10.0213	622.1954	618.1667	618.1667	122.5994	8.81943
415	10.0383	629.5596	617	617	122.5994	8.80454
416	10.0553	584.267	615.8333	615.8333	122.5994	8.78969
417	10.0723	618.0913	614.6667	614.6667	122.5994	8.77489
418	10.0893	558.7174	613.5	613.5	122.5994	8.76014
419	10.1063	634.5335	612.3333	612.3333	122.5994	8.74545
420	10.1233	605.4757	611.1667	611.1667	122.5994	8.7308
421	10.1403	624.7921	610	610	122.5994	8.7162
422	10.1573	616.6183	608.8333	608.8333	122.5994	8.70165
423	10.1743	564.781	607.6667	607.6667	122.5994	8.68715
424	10.1913	603.2435	606.5	606.5	122.5994	8.6727
425	10.2083	623.975	605.3333	605.3333	122.5994	8.65829
426	10.2253	582.9224	604.1667	604.1667	122.5994	8.64394
427	10.2423	600.2547	603	603	122.5994	8.62963
428	10.2593	618.5428	601.8333	601.8333	122.5994	8.61537
429	10.2763	593.5668	600.6667	600.6667	122.5994	8.60115
430	10.2933	607.4136	599.5	599.5	122.5994	8.58698
431	10.3103	598.0467	598.3333	598.3333	122.5994	8.57286
432	10.3273	557.9863	597.1667	597.1667	122.5994	8.55879
433	10.3443	589.9275	596	596	122.5994	8.54476
434	10.3613	616.0885	594.75	594.75	122.5994	8.53078
435	10.3783	641.7256	593.5	593.5	122.5994	8.51685
436	10.3953	621.3947	592.25	592.25	122.5994	8.50296
437	10.4123	602.0067	591	591	122.5994	8.48911
438	10.4293	576.9556	589.75	589.75	122.5994	8.47531
439	10.4463	587.6772	588.5	588.5	122.5994	8.46156

440	10.4633	594.9095	587.25	587.25	122.5994	8.44785
441	10.4803	601.2429	586	586	122.5994	8.43418
442	10.4973	632.4436	584.75	584.75	122.5994	8.42056
443	10.5143	627.3837	583.5	583.5	122.5994	8.40699
444	10.5313	633.3944	582.25	582.25	122.5994	8.39345
445	10.5483	628.4727	581	581	122.5994	8.37996
446	10.5653	612.2066	579.75	579.75	122.5994	8.36652
447	10.5823	592.6426	578.5	578.5	122.5994	8.35312
448	10.5993	583.8049	577.25	577.25	122.5994	8.33976
449	10.6163	594.9573	576	576	122.5994	8.32644
450	10.6333	600.2612	574.75	574.75	122.5994	8.31317
451	10.6503	583.7142	573.5	573.5	122.5994	8.29994
452	10.6673	603.4553	572.25	572.25	122.5994	8.28675
453	10.6843	576.3533	571	571	122.5994	8.2736
454	10.7013	590.501	569.75	569.75	122.5994	8.26049
455	10.7183	549.0221	568.5	568.5	122.5994	8.24743
456	10.7353	563.3207	567.25	567.25	122.5994	8.23441
457	10.7523	571.2207	566	566	122.5994	8.22143
458	10.7693	567.2149	566.7083	566.7083	122.5994	8.20849
459	10.7863	578.7292	567.4167	567.4167	122.5994	8.19559
460	10.8033	576.6073	568.125	568.125	122.5994	8.18273
461	10.8203	606.5726	568.8333	568.8333	122.5994	8.16991
462	10.8373	565.6214	569.5417	569.5417	122.5994	8.15713
463	10.8543	535.2901	570.25	570.25	122.5994	8.1444
464	10.8713	565.1725	570.9583	570.9583	122.5994	8.1317
465	10.8883	571.1421	571.6667	571.6667	122.5994	8.11904
466	10.9053	552.2287	572.375	572.375	122.5994	8.10642
467	10.9223	553.5365	573.0833	573.0833	122.5994	8.09384
468	10.9393	599.0943	573.7917	573.7917	122.5994	8.0813
469	10.9563	580.0869	574.5	574.5	122.5994	8.0688
470	10.9733	628.8	575.2083	575.2083	122.5994	8.05634
471	10.9903	562.7517	575.9167	575.9167	122.5994	8.04392
472	11.0073	538.6333	576.625	576.625	122.5994	8.03153
473	11.0243	571.9664	577.3333	577.3333	122.5994	8.01919
474	11.0413	567.6816	578.0417	578.0417	122.5994	8.00688
475	11.0583	533.5992	578.75	578.75	122.5994	7.99461
476	11.0753	561.7544	579.4583	579.4583	122.5994	7.98237
477	11.0923	593.0212	580.1667	580.1667	122.5994	7.97018
478	11.1093	580.5631	580.875	580.875	122.5994	7.95802
479	11.1263	569.1731	581.5833	581.5833	122.5994	7.9459
480	11.1433	581.941	582.2917	582.2917	122.5994	7.93381
481	11.1603	593.7407	583	583	122.5994	7.92177
482	11.1773	582.0998	583.3333	583.3333	122.5994	7.90976
483	11.1943	569.996	583.6667	583.6667	122.5994	7.89778
484	11.2113	566.6597	584	584	122.5994	7.88585
485	11.2283	558.1332	584.3333	584.3333	122.5994	7.87394
486	11.2453	583.3096	584.6667	584.6667	122.5994	7.86208
487	11.2623	570.3403	585	585	122.5994	7.85025
488	11.2793	551.4956	585.3333	585.3333	122.5994	7.83846

489	11.2963	571.2312	585.6667	585.6667	122.5994	7.8267
490	11.3133	561.5069	586	586	122.5994	7.81498
491	11.3303	554.3811	586.3333	586.3333	122.5994	7.80329
492	11.3473	573.8469	586.6667	586.6667	122.5994	7.79164
493	11.3643	582.0094	587	587	122.5994	7.78002
494	11.3813	581.8342	587.3333	587.3333	122.5994	7.76844
495	11.3983	570.5852	587.6667	587.6667	122.5994	7.75689
496	11.4153	558.6232	588	588	122.5994	7.74537
497	11.4323	582.7457	588.3333	588.3333	122.5994	7.73389
498	11.4493	572.0177	588.6667	588.6667	122.5994	7.72245
499	11.4663	518.8426	589	589	122.5994	7.71104
500	11.4833	563.5275	589.3333	589.3333	122.5994	7.69966
501	11.5003	563.9073	589.6667	589.6667	122.5994	7.68832
502	11.5173	553.2981	590	590	122.5994	7.67701
503	11.5343	571.2562	590.3333	590.3333	122.5994	7.66573
504	11.5513	560.3467	590.6667	590.6667	122.5994	7.65449
505	11.5683	606.0031	591	591	122.5994	7.64328
506	11.5853	615.0163	589.875	589.875	122.5994	7.6321
507	11.6023	588.9666	588.75	588.75	122.5994	7.62095
508	11.6193	630.5444	587.625	587.625	122.5994	7.60984
509	11.6363	630.3363	586.5	586.5	122.5994	7.59876
510	11.6533	606.3699	585.375	585.375	122.5994	7.58772
511	11.6703	629.3584	584.25	584.25	122.5994	7.5767
512	11.6873	665.4304	583.125	583.125	122.5994	7.56572
513	11.7043	572.43	582	582	122.5994	7.55477
514	11.7213	643.4361	580.875	580.875	122.5994	7.54385
515	11.7383	597.972	579.75	579.75	122.5994	7.53296
516	11.7553	560.5574	578.625	578.625	122.5994	7.52211
517	11.7723	549.4718	577.5	577.5	122.5994	7.51128
518	11.7893	565.2759	576.375	576.375	122.5994	7.50049
519	11.8063	554.2476	575.25	575.25	122.5994	7.48973
520	11.8233	538.2192	574.125	574.125	122.5994	7.479
521	11.8403	545.3664	573	573	122.5994	7.4683
522	11.8573	577.0208	571.875	571.875	122.5994	7.45763
523	11.8743	581.9056	570.75	570.75	122.5994	7.44699
524	11.8913	576.0164	569.625	569.625	122.5994	7.43638
525	11.9083	559.3564	568.5	568.5	122.5994	7.4258
526	11.9253	575.0001	567.375	567.375	122.5994	7.41525
527	11.9423	550.241	566.25	566.25	122.5994	7.40474
528	11.9593	567.9573	567.5945	565.125	122.5994	7.39425
529	11.9763	566.0168	566.6219	564	122.5994	7.38379
530	11.9933	575.8894	567.3416	563.3125	122.5994	7.37336
531	12.0103	550.3673	566.9142	562.625	122.5994	7.36297
532	12.0273	559.6292	566.5128	561.9375	122.5994	7.3526
533	12.0443	573.8713	566.1407	561.25	122.5994	7.34226
534	12.0613	587.1156	565.8022	560.5625	122.5994	7.33195
535	12.0783	595.6119	565.5021	559.875	122.5994	7.32166
536	12.0953	585.6174	565.2463	559.1875	122.5994	7.31141
537	12.1123	590.8291	565.0417	558.5	122.5994	7.30119

538	12.1293	595.3711	564.8965	557.8125	122.5994	7.29099
539	12.1463	603.8178	564.821	557.125	122.5994	7.28083
540	12.1633	589.7401	564.8274	556.4375	122.5994	7.27069
541	12.1803	578.9873	564.9308	555.75	122.5994	7.26058
542	12.1973	599.5354	565.1499	555.0625	122.5994	7.2505
543	12.2143	613.3775	565.5081	554.375	122.5994	7.24045
544	12.2313	642.6048	566.0355	553.6875	122.5994	7.23042
545	12.2483	658.9505	566.7709	553	122.5994	7.22042
546	12.2653	660.5023	567.7681	552.3125	122.5994	7.21045
547	12.2823	637.706	569.1058	551.625	122.5994	7.20051
548	12.2993	702.0005	570.9081	550.9375	122.5994	7.1906
549	12.3163	698.3772	573.3867	550.25	122.5994	7.18071
550	12.3333	670.5384	576.9096	549.5625	122.5994	7.17085
551	12.3503	669.9258	582.1104	548.875	122.5994	7.16102
552	12.3673	670.8225	590.0219	548.1875	122.5994	7.15121
553	12.3843	740.9393	602.1927	547.5	122.5994	7.14144
554	12.4013	688.2414	620.7017	546.8125	122.5994	7.13168
555	12.4183	745.2101	647.9463	546.125	122.5994	7.12196
556	12.4353	792.6544	686.1317	545.4375	122.5994	7.11226
557	12.4523	773.6374	736.4385	544.75	122.5994	7.10259
558	12.4693	817.2781	797.9035	544.0625	122.5994	7.09294
559	12.4863	823.9048	865.9961	543.375	122.5994	7.08333
560	12.5033	866.8725	930.9785	542.6875	122.5994	7.07373
561	12.5203	955.7432	978.0574	542	122.5994	7.06417
562	12.5373	984.3839	993.1959	541.3125	122.5994	7.05463
563	12.5543	1125.908	972.0268	540.625	122.5994	7.04511
564	12.5713	1079.624	921.7174	539.9375	122.5994	7.03562
565	12.5883	948.1774	855.7156	539.25	122.5994	7.02616
566	12.6053	871.6217	787.3667	538.5625	122.5994	7.01672
567	12.6223	687.3885	725.7738	537.875	122.5994	7.00731
568	12.6393	679.3454	675.2494	537.1875	122.5994	6.99792
569	12.6563	620.2053	636.6314	536.5	122.5994	6.98856
570	12.6733	576.406	608.6835	535.8125	122.5994	6.97923
571	12.6903	547.5389	589.2192	535.125	122.5994	6.96991
572	12.7073	539.6482	575.9058	534.4375	122.5994	6.96063
573	12.7243	525.5045	566.7368	533.75	122.5994	6.95137
574	12.7413	557.0004	560.2194	533.0625	122.5994	6.94213
575	12.7583	573.7379	555.3539	532.375	122.5994	6.93292
576	12.7753	521.7759	551.523	531.6875	122.5994	6.92373
577	12.7923	517.9502	548.3642	531	122.5994	6.91457
578	12.8093	533.306	545.1052	529.75	122.5994	6.90543
579	12.8263	536.0496	542.1844	528.5	122.5994	6.89631
580	12.8433	544.166	539.5233	527.25	122.5994	6.88722
581	12.8603	544.6522	537.0685	526	122.5994	6.87816
582	12.8773	556.9714	534.7811	524.75	122.5994	6.86912
583	12.8943	542.5209	532.6315	523.5	122.5994	6.8601
584	12.9113	526.0988	530.5966	522.25	122.5994	6.8511
585	12.9283	509.6252	528.6577	521	122.5994	6.84213
586	12.9453	520.4669	526.8	519.75	122.5994	6.83319

587	12.9623	522.4412	525.0114	518.5	122.5994	6.82426
588	12.9793	506.7749	523.2817	517.25	122.5994	6.81536
589	12.9963	528.5695	521.6028	516	122.5994	6.80649
590	13.0133	515.1855	519.9678	514.75	122.5994	6.79763
591	13.0303	523.8927	518.3709	513.5	122.5994	6.7888
592	13.0473	543.6102	516.8073	512.25	122.5994	6.78
593	13.0643	527.092	515.2728	511	122.5994	6.77121
594	13.0813	544.454	513.7641	509.75	122.5994	6.76245
595	13.0983	541.3228	512.2781	508.5	122.5994	6.75371
596	13.1153	538.2192	508.5197	507.25	122.5994	6.74499
597	13.1323	500.8539	507.1968	506	122.5994	6.7363
598	13.1493	507.9959	504.75	504.75	122.5994	6.72763
599	13.1663	530.5448	503.5	503.5	122.5994	6.71898
600	13.1833	505.3292	502.25	502.25	122.5994	6.71036
601	13.2003	489.6237	501	501	122.5994	6.70175
602	13.2173	480.196	501.5	501.5	122.5994	6.69317
603	13.2343	535.4816	502	502	122.5994	6.68461
604	13.2513	515.8891	502.5	502.5	122.5994	6.67607
605	13.2683	501.7968	503	503	122.5994	6.66756
606	13.2853	511.3275	503.5	503.5	122.5994	6.65907
607	13.3023	540.411	504	504	122.5994	6.65059
608	13.3193	480.6865	504.5	504.5	122.5994	6.64214
609	13.3363	498.4027	505	505	122.5994	6.63371
610	13.3533	510.274	505.5	505.5	122.5994	6.62531
611	13.3703	506.8229	506	506	122.5994	6.61692
612	13.3873	508.145	506.5	506.5	122.5994	6.60856
613	13.4043	494.319	507	507	122.5994	6.60021
614	13.4213	509.5624	507.5	507.5	122.5994	6.59189
615	13.4383	531.4044	508	508	122.5994	6.58359
616	13.4553	492.5387	508.5	508.5	122.5994	6.57531
617	13.4723	508.5558	509	509	122.5994	6.56705
618	13.4893	524.1918	509.5	509.5	122.5994	6.55881
619	13.5063	528.6594	510	510	122.5994	6.5506
620	13.5233	501.2882	510.5	510.5	122.5994	6.5424
621	13.5403	535.1075	511	511	122.5994	6.53423
622	13.5573	519.1589	511.5	511.5	122.5994	6.52607
623	13.5743	517.4982	512.0888	512	122.5994	6.51793
624	13.5913	529.8987	512.7789	512.5	122.5994	6.50982
625	13.6083	512.7002	513.3593	513	122.5994	6.50173
626	13.6253	505.2201	513.2892	512.7917	122.5994	6.49365
627	13.6423	501.2573	513.1756	512.5833	122.5994	6.4856
628	13.6593	524.2549	513.0588	512.375	122.5994	6.47757
629	13.6763	552.6636	512.9762	512.1667	122.5994	6.46955
630	13.6933	534.3244	512.9148	511.9583	122.5994	6.46156
631	13.7103	518.8921	512.8973	511.75	122.5994	6.45358
632	13.7273	515.8583	512.943	511.5417	122.5994	6.44563
633	13.7443	517.1245	513.0854	511.3333	122.5994	6.4377
634	13.7613	524.4198	513.3958	511.125	122.5994	6.42978
635	13.7783	506.9975	514.1182	510.9167	122.5994	6.42189

636	13.7953	503.2384	515.6674	510.7083	122.5994	6.41401
637	13.8123	521.829	519.2134	510.5	122.5994	6.40615
638	13.8293	538.7839	526.2122	510.2917	122.5994	6.39832
639	13.8463	519.5291	537.2291	510.0833	122.5994	6.3905
640	13.8633	545.3698	549.0923	509.875	122.5994	6.3827
641	13.8803	560.5825	555.0016	509.6667	122.5994	6.37492
642	13.8973	543.1296	551.9866	509.4583	122.5994	6.36716
643	13.9143	542.0327	543.7147	509.25	122.5994	6.35942
644	13.9313	546.7682	533.5259	509.0417	122.5994	6.3517
645	13.9483	500.7034	524.6757	508.8333	122.5994	6.344
646	13.9653	561.6596	518.7294	508.625	122.5994	6.33631
647	13.9823	520.8881	515.1633	508.4167	122.5994	6.32865
648	13.9993	498.7211	513.4039	508.2083	122.5994	6.321
649	14.0163	514.2655	513.205	508	122.5994	6.31337
650	14.0333	502.2266	513.7706	507.1667	122.5994	6.30576
651	14.0503	501.7694	515.1016	506.3333	122.5994	6.29817
652	14.0673	528.7237	515.4801	505.5	122.5994	6.2906
653	14.0843	493.4915	513.8925	504.6667	122.5994	6.28304
654	14.1013	514.8463	511.1933	503.8333	122.5994	6.27551
655	14.1183	504.3224	508.0199	503	122.5994	6.26799
656	14.1353	481.6824	505.2636	502.1667	122.5994	6.26049
657	14.1523	500.2382	503.2402	501.3333	122.5994	6.25301
658	14.1693	493.9183	501.6963	500.5	122.5994	6.24554
659	14.1863	524.714	500.3884	499.6667	122.5994	6.2381
660	14.2033	498.5861	499.353	498.8333	122.5994	6.23067
661	14.2203	484.8665	498.3408	498	122.5994	6.22326
662	14.2373	491.3862	497.4238	497.1667	122.5994	6.21587
663	14.2543	498.5148	496.5456	496.3333	122.5994	6.20849
664	14.2713	487.2213	495.6681	495.5	122.5994	6.20113
665	14.2883	480.2491	494.8093	494.6667	122.5994	6.19379
666	14.3053	466.912	493.9559	493.8333	122.5994	6.18647
667	14.3223	476.88	493.1064	493	122.5994	6.17917
668	14.3393	502.734	492.2599	492.1667	122.5994	6.17188
669	14.3563	487.8783	491.3655	491.3333	122.5994	6.16461
670	14.3733	494.7645	490.5284	490.5	122.5994	6.15736
671	14.3903	476.7281	489.6919	489.6667	122.5994	6.15012
672	14.4073	476.1266	488.8333	488.8333	122.5994	6.1429
673	14.4243	500.7561	488	488	122.5994	6.1357
674	14.4413	493.9384	487.5	487.5	122.5994	6.12851
675	14.4583	479.6935	487	487	122.5994	6.12135
676	14.4753	483.8122	486.5	486.5	122.5994	6.1142
677	14.4923	489.2269	486	486	122.5994	6.10706
678	14.5093	497.2993	485.5	485.5	122.5994	6.09995
679	14.5263	479.2282	485	485	122.5994	6.09284
680	14.5433	471.8328	484.5	484.5	122.5994	6.08576
681	14.5603	500.5234	484	484	122.5994	6.07869
682	14.5773	475.099	483.5	483.5	122.5994	6.07164
683	14.5943	483.0626	483	483	122.5994	6.06461
684	14.6113	485.0007	482.5	482.5	122.5994	6.05759

685	14.6283	495.504	482	482	122.5994	6.05059
686	14.6453	508.3883	481.5	481.5	122.5994	6.0436
687	14.6623	535.1938	481	481	122.5994	6.03664
688	14.6793	514.2585	480.5	480.5	122.5994	6.02968
689	14.6963	509.8528	480.1279	480	122.5994	6.02275
690	14.7133	488.7001	479.6443	479.5	122.5994	6.01583
691	14.7303	454.7626	479.2261	479	122.5994	6.00892
692	14.7473	490.9435	478.7578	478.5	122.5994	6.00203
693	14.7643	485.481	478.2968	478	122.5994	5.99516
694	14.7813	492.0605	477.8452	477.5	122.5994	5.9883
695	14.7983	501.1369	477.4063	477	122.5994	5.98146
696	14.8153	484.8297	476.9852	476.5	122.5994	5.97464
697	14.8323	492.6311	476.5893	476	122.5994	5.96783
698	14.8493	436.9689	477.189	476.4583	122.5994	5.96103
699	14.8663	480.026	477.8486	476.9167	122.5994	5.95425
700	14.8833	501.0328	478.6234	477.375	122.5994	5.94749
701	14.9003	486.7716	479.6743	477.8333	122.5994	5.94074
702	14.9173	527.4973	481.4142	478.2917	122.5994	5.93401
703	14.9343	507.9465	484.577	478.75	122.5994	5.9273
704	14.9513	479.1239	489.8027	479.2083	122.5994	5.92059
705	14.9683	450.2914	496.4627	479.6667	122.5994	5.91391
706	14.9853	475.2123	501.0793	480.125	122.5994	5.90724
707	15.0023	456.9748	500.771	480.5833	122.5994	5.90058
708	15.0193	472.7476	497.6678	481.0417	122.5994	5.89394
709	15.0363	476.5711	493.0827	481.5	122.5994	5.88732
710	15.0533	473.2442	488.8724	481.9583	122.5994	5.88071
711	15.0703	489.1902	486.2691	482.4167	122.5994	5.87411
712	15.0873	478.3163	485.0833	482.875	122.5994	5.86753
713	15.1043	468.3347	484.7447	483.3333	122.5994	5.86096
714	15.1213	459.5657	484.8031	483.7917	122.5994	5.85441
715	15.1383	480.4728	485.0283	484.25	122.5994	5.84788
716	15.1553	487.1298	485.3303	484.7083	122.5994	5.84136
717	15.1723	483.4216	485.6757	485.1667	122.5994	5.83485
718	15.1893	488.5818	486.0493	485.625	122.5994	5.82836
719	15.2063	503.1765	486.4423	486.0833	122.5994	5.82188
720	15.2233	511.0904	486.8493	486.5417	122.5994	5.81542
721	15.2403	456.3511	487.2666	487	122.5994	5.80897
722	15.2573	477.0709	486.4416	486.2083	122.5994	5.80253
723	15.2743	503.2943	485.6224	485.4167	122.5994	5.79611
724	15.2913	485.4895	484.6965	484.625	122.5994	5.78971
725	15.3083	447.6697	483.8968	483.8333	122.5994	5.78332
726	15.3253	462.7535	483.0417	483.0417	122.5994	5.77694
727	15.3423	477.542	482.25	482.25	122.5994	5.77058
728	15.3593	476.4728	481.4583	481.4583	122.5994	5.76423
729	15.3763	470.9557	480.6667	480.6667	122.5994	5.75789
730	15.3933	432.0252	479.875	479.875	122.5994	5.75157
731	15.4103	439.6684	479.0833	479.0833	122.5994	5.74527
732	15.4273	490.8288	478.2917	478.2917	122.5994	5.73897
733	15.4443	466.8428	477.5	477.5	122.5994	5.73269

734	15.4613	440.651	476.7083	476.7083	122.5994	5.72643
735	15.4783	460.4084	475.9167	475.9167	122.5994	5.72018
736	15.4953	495.2385	475.125	475.125	122.5994	5.71394
737	15.5123	486.894	474.3333	474.3333	122.5994	5.70772
738	15.5293	484.009	473.5417	473.5417	122.5994	5.70151
739	15.5463	499.6206	472.75	472.75	122.5994	5.69531
740	15.5633	447.0257	471.9583	471.9583	122.5994	5.68913
741	15.5803	441.0082	471.1667	471.1667	122.5994	5.68296
742	15.5973	469.2118	470.375	470.375	122.5994	5.6768
743	15.6143	442.0263	469.6632	469.5833	122.5994	5.67066
744	15.6313	470.4974	468.8819	468.7917	122.5994	5.66453
745	15.6483	483.7707	468.141	468	122.5994	5.65842
746	15.6653	458.3516	467.8278	467.6667	122.5994	5.65231
747	15.6823	470.2373	467.5193	467.3333	122.5994	5.64622
748	15.6993	457.0162	467.2169	467	122.5994	5.64015
749	15.7163	450.9664	466.9228	466.6667	122.5994	5.63409
750	15.7333	506.2595	466.6405	466.3333	122.5994	5.62804
751	15.7503	497.8568	466.3748	466	122.5994	5.622
752	15.7673	448.6069	466.1343	465.6667	122.5994	5.61598
753	15.7843	468.921	465.9359	465.3333	122.5994	5.60997
754	15.8013	483.1866	465.8235	465	122.5994	5.60397
755	15.8183	484.7032	465.9256	464.6667	122.5994	5.59798
756	15.8353	454.788	466.5451	464.3333	122.5994	5.59201
757	15.8523	496.1141	468.1469	464	122.5994	5.58605
758	15.8693	491.546	470.9884	463.6667	122.5994	5.58011
759	15.8863	485.6969	474.2874	463.3333	122.5994	5.57418
760	15.9033	479.619	475.6111	463	122.5994	5.56826
761	15.9203	473.4745	474.2227	462.6667	122.5994	5.56235
762	15.9373	462.2586	471.6513	462.3333	122.5994	5.55645
763	15.9543	477.8821	468.3704	462	122.5994	5.55057
764	15.9713	481.6999	465.4396	461.6667	122.5994	5.5447
765	15.9883	465.0629	463.4426	461.3333	122.5994	5.53884
766	16.0053	477.5816	462.2258	461	122.5994	5.533
767	16.0223	475.2489	461.4642	460.6667	122.5994	5.52717
768	16.0393	462.2717	460.9125	460.3333	122.5994	5.52135
769	16.0563	453.9174	460.4491	460	122.5994	5.51554
770	16.0733	453.3161	461.3606	461	122.5994	5.50974
771	16.0903	466.5178	462.2962	462	122.5994	5.50396
772	16.1073	474.4828	463.2476	463	122.5994	5.49819
773	16.1243	460.3973	464.2101	464	122.5994	5.49243
774	16.1413	470.0821	465.1804	465	122.5994	5.48668
775	16.1583	446.2059	466.1566	466	122.5994	5.48095
776	16.1753	460.0615	467.1373	467	122.5994	5.47523
777	16.1923	463.2101	468.0482	468	122.5994	5.46952
778	16.2093	479.7825	469.0425	469	122.5994	5.46382
779	16.2263	475.4605	470.0378	470	122.5994	5.45813
780	16.2433	494.3964	471	471	122.5994	5.45246
781	16.2603	474.2178	472	472	122.5994	5.4468
782	16.2773	429.3239	473	473	122.5994	5.44115

783	16.2943	458.5	474	474	122.5994	5.43551
784	16.3113	459.2293	475	475	122.5994	5.42988
785	16.3283	484.4217	476	476	122.5994	5.42427
786	16.3453	446.2112	477	477	122.5994	5.41866
787	16.3623	480.2161	478	478	122.5994	5.41307
788	16.3793	475.8329	479	479	122.5994	5.40749
789	16.3963	434.571	480	480	122.5994	5.40192
790	16.4133	482.7413	481	481	122.5994	5.39637
791	16.4303	470.9274	482	482	122.5994	5.39082
792	16.4473	484.6157	483	483	122.5994	5.38529
793	16.4643	513.6606	484	484	122.5994	5.37977
794	16.4813	472.5881	483	483	122.5994	5.37426
795	16.4983	435.4437	482	482	122.5994	5.36876
796	16.5153	467.0252	481	481	122.5994	5.36327
797	16.5323	470.8988	480	480	122.5994	5.35779
798	16.5493	467.7138	479	479	122.5994	5.35233
799	16.5663	449.4484	478	478	122.5994	5.34687
800	16.5833	456.0685	477	477	122.5994	5.34143
801	16.6003	488.6923	476	476	122.5994	5.336
802	16.6173	504.1583	475	475	122.5994	5.33058
803	16.6343	486.1358	474	474	122.5994	5.32517
804	16.6513	454.8837	473	473	122.5994	5.31977
805	16.6683	455.4201	472	472	122.5994	5.31438
806	16.6853	456.3263	471	471	122.5994	5.309
807	16.7023	472.3328	470	470	122.5994	5.30364
808	16.7193	472.0928	469	469	122.5994	5.29828
809	16.7363	468.2364	468	468	122.5994	5.29294
810	16.7533	474.445	467	467	122.5994	5.28761
811	16.7703	464.8886	466	466	122.5994	5.28229
812	16.7873	464.6473	465	465	122.5994	5.27698
813	16.8043	494.6532	464	464	122.5994	5.27168
814	16.8213	488.703	463	463	122.5994	5.26639
815	16.8383	453.3425	462	462	122.5994	5.26111
816	16.8553	443.926	461	461	122.5994	5.25584
817	16.8723	475.517	460	460	122.5994	5.25058
818	16.8893	460.4168	459.9583	459.9583	122.5994	5.24534
819	16.9063	457.2789	459.9167	459.9167	122.5994	5.2401
820	16.9233	452.2594	459.875	459.875	122.5994	5.23487
821	16.9403	438.3127	459.8333	459.8333	122.5994	5.22966
822	16.9573	442.403	459.7917	459.7917	122.5994	5.22445
823	16.9743	451.039	459.75	459.75	122.5994	5.21926
824	16.9913	462.8096	459.7083	459.7083	122.5994	5.21408
825	17.0083	472.9005	459.6667	459.6667	122.5994	5.2089
826	17.0253	485.0836	459.625	459.625	122.5994	5.20374
827	17.0423	458.3177	459.5833	459.5833	122.5994	5.19859
828	17.0593	469.9326	459.5417	459.5417	122.5994	5.19345
829	17.0763	478.8126	459.5	459.5	122.5994	5.18831
830	17.0933	447.3012	461.45	459.4583	122.5994	5.18319
831	17.1103	474.1574	461.5096	459.4167	122.5994	5.17808

832	17.1273	456.7548	461.5769	459.375	122.5994	5.17298
833	17.1443	501.0824	462.6625	459.3333	122.5994	5.16789
834	17.1613	485.7215	462.8	459.2917	122.5994	5.16281
835	17.1783	471.6255	462.9523	459.25	122.5994	5.15774
836	17.1953	475.1014	463.121	459.2083	122.5994	5.15268
837	17.2123	497.0268	463.3081	459.1667	122.5994	5.14762
838	17.2293	501.4491	463.5157	459.125	122.5994	5.14258
839	17.2463	465.9147	463.7463	459.0833	122.5994	5.13755
840	17.2633	446.785	464.0028	459.0417	122.5994	5.13253
841	17.2803	471.4988	464.2886	459	122.5994	5.12752
842	17.2973	432.5966	464.9619	459.3125	122.5994	5.12252
843	17.3143	504.0533	465.673	459.625	122.5994	5.11753
844	17.3313	456.6766	466.4273	459.9375	122.5994	5.11255
845	17.3483	473.174	467.2313	460.25	122.5994	5.10758
846	17.3653	458.4068	468.0927	460.5625	122.5994	5.10261
847	17.3823	451.5213	469.0205	460.875	122.5994	5.09766
848	17.3993	491.8554	470.0258	461.1875	122.5994	5.09272
849	17.4163	488.3632	471.1223	461.5	122.5994	5.08779
850	17.4333	487.2404	472.3265	461.8125	122.5994	5.08286
851	17.4503	477.7271	473.6602	462.125	122.5994	5.07795
852	17.4673	478.7201	475.1517	462.4375	122.5994	5.07305
853	17.4843	509.3255	476.8411	462.75	122.5994	5.06815
854	17.5013	480.3877	478.7873	463.0625	122.5994	5.06327
855	17.5183	449.3969	481.0816	463.375	122.5994	5.05839
856	17.5353	470.1872	483.8693	463.6875	122.5994	5.05353
857	17.5523	478.136	487.3808	464	122.5994	5.04867
858	17.5693	470.0695	491.9728	464.3125	122.5994	5.04382
859	17.5863	510.1041	498.1723	464.625	122.5994	5.03899
860	17.6033	535.4883	506.7141	464.9375	122.5994	5.03416
861	17.6203	531.2884	518.5399	465.25	122.5994	5.02934
862	17.6373	522.7768	534.7463	465.5625	122.5994	5.02453
863	17.6543	516.1976	556.4493	465.875	122.5994	5.01973
864	17.6713	533.1533	584.5624	466.1875	122.5994	5.01494
865	17.6883	559.7615	619.4934	466.5	122.5994	5.01016
866	17.7053	570.4528	660.7638	466.8125	122.5994	5.00539
867	17.7223	610.2074	706.5303	467.125	122.5994	5.00062
868	17.7393	613.6834	753.0185	467.4375	122.5994	4.99587
869	17.7563	635.6571	794.2177	467.75	122.5994	4.99112
870	17.7733	682.8491	822.8767	468.0625	122.5994	4.98639
871	17.7903	767.654	833.3176	468.375	122.5994	4.98166
872	17.8073	837.7719	824.0831	468.6875	122.5994	4.97694
873	17.8243	839.3699	797.7905	469	122.5994	4.97224
874	17.8413	867.2212	759.4809	469.3125	122.5994	4.96754
875	17.8583	788.5137	715.2178	469.625	122.5994	4.96285
876	17.8753	731.1924	670.6262	469.9375	122.5994	4.95816
877	17.8923	635.7423	629.7324	470.25	122.5994	4.95349
878	17.9093	598.5808	594.7275	470.5625	122.5994	4.94883
879	17.9263	595.3711	566.3409	470.875	122.5994	4.94417
880	17.9433	573.2596	544.317	471.1875	122.5994	4.93953

881	17.9603	531.7839	527.8481	471.5	122.5994	4.93489
882	17.9773	511.5755	515.8806	471.8125	122.5994	4.93026
883	17.9943	501.9732	507.3467	472.125	122.5994	4.92564
884	18.0113	501.7694	501.3044	472.4375	122.5994	4.92103
885	18.0283	471.0222	497.0015	472.75	122.5994	4.91643
886	18.0453	480.3594	493.883	473.0625	122.5994	4.91184
887	18.0623	497.2993	491.5635	473.375	122.5994	4.90725
888	18.0793	495.4262	489.7888	473.6875	122.5994	4.90267
889	18.0963	471.6029	488.3952	474	122.5994	4.89811
890	18.1133	447.0776	487.2168	474.25	122.5994	4.89355
891	18.1303	483.1746	486.2494	474.5	122.5994	4.889
892	18.1473	467.3627	485.4485	474.75	122.5994	4.88446
893	18.1643	524.0696	484.7827	475	122.5994	4.87992
894	18.1813	477.5214	484.229	475.25	122.5994	4.8754
895	18.1983	461.8778	483.7696	475.5	122.5994	4.87088
896	18.2153	491.8516	483.3902	475.75	122.5994	4.86638
897	18.2323	490.707	483.0794	476	122.5994	4.86188
898	18.2493	463.5519	482.8276	476.25	122.5994	4.85739
899	18.2663	472.1775	482.6268	476.5	122.5994	4.8529
900	18.2833	485.5223	482.4705	476.75	122.5994	4.84843
901	18.3003	493.2875	482.3751	477	122.5994	4.84396
902	18.3173	503.5035	482.2934	477.25	122.5994	4.83951
903	18.3343	484.7765	482.2419	477.5	122.5994	4.83506
904	18.3513	478.1909	482.2284	477.75	122.5994	4.83062
905	18.3683	496.7303	482.2284	478	122.5994	4.82618
906	18.3853	483.7746	482.2498	478.25	122.5994	4.82176
907	18.4023	481.9162	482.2906	478.5	122.5994	4.81734
908	18.4193	468.5551	482.3487	478.75	122.5994	4.81294
909	18.4363	469.2322	482.4304	479	122.5994	4.80854
910	18.4533	482.5467	482.5195	479.25	122.5994	4.80414
911	18.4703	490.9876	482.6222	479.5	122.5994	4.79976
912	18.4873	490.1853	480.8935	479.75	122.5994	4.79539
913	18.5043	469.4529	481.1053	480	122.5994	4.79102
914	18.5213	466.3006	481.1891	481.0625	122.5994	4.78666
915	18.5383	500.4663	482.2697	482.125	122.5994	4.78231
916	18.5553	518.368	483.3546	483.1875	122.5994	4.77797
917	18.5723	513.413	484.4458	484.25	122.5994	4.77363
918	18.5893	500.9307	485.5467	485.3125	122.5994	4.7693
919	18.6063	487.3058	486.6645	486.375	122.5994	4.76498
920	18.6233	467.1855	487.8132	487.4375	122.5994	4.76067
921	18.6403	469.1277	489.0168	488.5	122.5994	4.75637
922	18.6573	510.81	490.3105	489.5625	122.5994	4.75207
923	18.6743	464.417	491.735	490.625	122.5994	4.74779
924	18.6913	502.7512	493.3204	491.6875	122.5994	4.74351
925	18.7083	518.7695	495.0603	492.75	122.5994	4.73923
926	18.7253	503.5309	496.8737	493.8125	122.5994	4.73497
927	18.7423	518.4775	498.5751	494.875	122.5994	4.73071
928	18.7593	541.5849	499.9264	495.9375	122.5994	4.72646
929	18.7763	525.0285	500.8976	497	122.5994	4.72222

930	18.7933	556.5992	501.6166	498.0625	122.5994	4.71799
931	18.8103	581.0185	502.1921	499.125	122.5994	4.71376
932	18.8273	599.6449	502.8232	500.1875	122.5994	4.70955
933	18.8443	584.1728	503.532	501.25	122.5994	4.70534
934	18.8613	642.9233	504.4063	502.3125	122.5994	4.70113
935	18.8783	606.775	505.4095	503.375	122.5994	4.69694
936	18.8953	530.0977	506.3799	504.4375	122.5994	4.69275
937	18.9123	540.2011	507.3665	505.5	122.5994	4.68857
938	18.9293	542.7073	508.2432	506.5625	122.5994	4.6844
939	18.9463	505.3385	509.1027	507.625	122.5994	4.68023
940	18.9633	544.9764	510.0962	508.6875	122.5994	4.67608
941	18.9803	485.6206	511.1208	509.75	122.5994	4.67193
942	18.9973	497.5318	512.3114	510.8125	122.5994	4.66778
943	19.0143	473.2389	513.6172	511.875	122.5994	4.66365
944	19.0313	480.8916	514.8056	512.9375	122.5994	4.65952
945	19.0483	482.5869	515.7871	514	122.5994	4.6554
946	19.0653	482.548	516.7331	515.0625	122.5994	4.65129
947	19.0823	480.6758	517.6656	516.125	122.5994	4.64718
948	19.0993	483.1843	518.5901	517.1875	122.5994	4.64309
949	19.1163	500.1337	519.7622	518.25	122.5994	4.63899
950	19.1333	482.1697	520.9061	519.3125	122.5994	4.63491
951	19.1503	493.3413	522.199	520.375	122.5994	4.63084
952	19.1673	498.3494	523.8399	521.4375	122.5994	4.62677
953	19.1843	512.4811	525.6064	522.5	122.5994	4.6227
954	19.2013	526.6741	527.7576	523.5625	122.5994	4.61865
955	19.2183	515.5506	530.6885	524.625	122.5994	4.6146
956	19.2353	527.3968	533.8549	525.6875	122.5994	4.61056
957	19.2523	560.506	537.3921	526.75	122.5994	4.60653
958	19.2693	563.8742	541.3624	527.8125	122.5994	4.6025
959	19.2863	535.2063	544.4775	528.875	122.5994	4.59849
960	19.3033	518.6367	547.1432	529.9375	122.5994	4.59447
961	19.3203	533.3954	549.5593	531	122.5994	4.59047
962	19.3373	542.9001	552.3829	532.875	122.5994	4.58647
963	19.3543	520.4505	554.3948	534.75	122.5994	4.58248
964	19.3713	547.3874	555.4489	536.625	122.5994	4.5785
965	19.3883	537.4553	556.0663	538.5	122.5994	4.57452
966	19.4053	522.0189	556.2804	540.375	122.5994	4.57055
967	19.4223	552.691	556.4407	542.25	122.5994	4.56659
968	19.4393	531.6426	556.8515	544.125	122.5994	4.56264
969	19.4563	539.7177	557.8582	546	122.5994	4.55869
970	19.4733	554.7866	559.4551	547.875	122.5994	4.55475
971	19.4903	556.9704	561.5059	549.75	122.5994	4.55081
972	19.5073	569.6857	563.6777	551.625	122.5994	4.54688
973	19.5243	553.8944	565.6293	553.5	122.5994	4.54296
974	19.5413	588.0288	567.3875	555.375	122.5994	4.53905
975	19.5583	618.7488	569.0796	557.25	122.5994	4.53514
976	19.5753	591.0704	570.8035	559.125	122.5994	4.53124
977	19.5923	580.8224	572.7243	561	122.5994	4.52735
978	19.6093	590.9207	575.0048	562.875	122.5994	4.52346

979	19.6263	612.9321	577.7262	564.75	122.5994	4.51958
980	19.6433	671.7626	580.9387	566.625	122.5994	4.51571
981	19.6603	618.8623	584.7463	568.5	122.5994	4.51184
982	19.6773	705.0818	589.3643	570.375	122.5994	4.50798
983	19.6943	646.757	595.1268	572.25	122.5994	4.50413
984	19.7113	692.4961	602.4502	574.125	122.5994	4.50029
985	19.7283	692.4741	611.7214	576	122.5994	4.49645
986	19.7453	681.0435	621.2125	575.9792	122.5994	4.49261
987	19.7623	737.7305	632.723	575.9583	122.5994	4.48879
988	19.7793	786.9756	645.2839	575.9375	122.5994	4.48497
989	19.7963	778.4245	657.6102	575.9167	122.5994	4.48115
990	19.8133	786.2954	668.8513	575.8958	122.5994	4.47735
991	19.8303	820.4515	679.2861	575.875	122.5994	4.47355
992	19.8473	834.1345	689.1168	575.8542	122.5994	4.46975
993	19.8643	795.1637	698.4217	575.8333	122.5994	4.46597
994	19.8813	807.7594	706.7682	575.8125	122.5994	4.46219
995	19.8983	803.2523	712.4415	575.7917	122.5994	4.45841
996	19.9153	803.7067	713.2557	575.7708	122.5994	4.45465
997	19.9323	803.8208	708.0984	575.75	122.5994	4.45088
998	19.9493	726.0586	697.6108	575.7292	122.5994	4.44713
999	19.9663	716.3528	683.1802	575.7083	122.5994	4.44338
1000	19.9833	712.7499	666.6117	575.6875	122.5994	4.43964
1001	20.0003	693.696	649.9617	575.6667	122.5994	4.4359
1002	20.0173	660.1239	634.8051	575.6458	122.5994	4.43218
1003	20.0343	646.8313	622.2111	575.625	122.5994	4.42845
1004	20.0513	634.2469	612.6131	575.6042	122.5994	4.42474
1005	20.0683	612.0944	605.5034	575.5833	122.5994	4.42103
1006	20.0853	609.4187	600.6262	575.5625	122.5994	4.41732
1007	20.1023	634.4895	597.4543	575.5417	122.5994	4.41363
1008	20.1193	618.4965	595.4354	575.5208	122.5994	4.40994
1009	20.1363	618.8296	594.0516	575.5	122.5994	4.40625
1010	20.1533	614.4262	592.8887	575.4792	122.5994	4.40257
1011	20.1703	624.6728	591.6973	575.4583	122.5994	4.3989
1012	20.1873	611.2397	590.4755	575.4375	122.5994	4.39523
1013	20.2043	586.3135	589.062	575.4167	122.5994	4.39157
1014	20.2213	580.8209	587.6099	575.3958	122.5994	4.38792
1015	20.2383	592.7158	586.2175	575.375	122.5994	4.38427
1016	20.2553	624.4443	584.9661	575.3542	122.5994	4.38063
1017	20.2723	567.1558	583.8787	575.3333	122.5994	4.377
1018	20.2893	599.4194	582.9157	575.3125	122.5994	4.37337
1019	20.3063	574.496	587.3068	575.2917	122.5994	4.36974
1020	20.3233	571.2207	586.907	575.2708	122.5994	4.36613
1021	20.3403	557.7314	586.6401	575.25	122.5994	4.36252
1022	20.3573	575.404	586.6483	575.2292	122.5994	4.35891
1023	20.3743	561.8484	586.6802	575.2083	122.5994	4.35531
1024	20.3913	543.4296	586.7913	575.1875	122.5994	4.35172
1025	20.4083	590.3426	587.1139	575.1667	122.5994	4.34813
1026	20.4253	584.6105	587.5746	575.1458	122.5994	4.34455
1027	20.4423	566.8118	588.1775	575.125	122.5994	4.34098

1028	20.4593	570.7567	588.9355	575.1042	122.5994	4.33741
1029	20.4763	567.5203	589.8731	575.0833	122.5994	4.33385
1030	20.4933	574.6703	590.8209	575.0625	122.5994	4.33029
1031	20.5103	562.6413	592.2662	575.0417	122.5994	4.32674
1032	20.5273	548.0909	594.0752	575.0208	122.5994	4.3232
1033	20.5443	573.187	596.2764	575	122.5994	4.31966
1034	20.5613	589.6941	598.2996	574.0625	122.5994	4.31612
1035	20.5783	617.4926	601.1624	573.125	122.5994	4.3126
1036	20.5953	608.7737	605.0872	572.1875	122.5994	4.30907
1037	20.6123	605.1713	609.7787	571.25	122.5994	4.30556
1038	20.6293	616.0828	616.4368	570.3125	122.5994	4.30205
1039	20.6463	630.0844	624.549	569.375	122.5994	4.29855
1040	20.6633	628.0162	633.7125	568.4375	122.5994	4.29505
1041	20.6803	662.4438	643.9459	567.5	122.5994	4.29156
1042	20.6973	686.5324	654.402	566.5625	122.5994	4.28807
1043	20.7143	720.5085	664.685	565.625	122.5994	4.28459
1044	20.7313	752.7611	675.5172	564.6875	122.5994	4.28111
1045	20.7483	818.8085	689.7141	563.75	122.5994	4.27764
1046	20.7653	872.7017	713.842	562.8125	122.5994	4.27418
1047	20.7823	918.5616	760.9951	561.875	122.5994	4.27072
1048	20.7993	978.6654	852.7882	560.9375	122.5994	4.26727
1049	20.8163	1109.542	1014.636	560	122.5994	4.26382
1050	20.8333	1230.212	1260.285	559.0625	122.5994	4.26038
1051	20.8503	1456.711	1565.563	558.125	122.5994	4.25695
1052	20.8673	1857.741	1833.022	557.1875	122.5994	4.25352
1053	20.8843	2320.402	1925.163	556.25	122.5994	4.25009
1054	20.9013	2650.822	1845.565	555.3125	122.5994	4.24667
1055	20.9183	2482.174	1691.372	554.375	122.5994	4.24326
1056	20.9353	2033.363	1483.769	553.4375	122.5994	4.23985
1057	20.9523	1793.74	1245.693	552.5	122.5994	4.23645
1058	20.9693	1435.783	1036.248	551.5625	122.5994	4.23306
1059	20.9863	1018.664	882.7147	550.625	122.5994	4.22967
1060	21.0033	758.0779	781.5458	549.6875	122.5994	4.22628
1061	21.0203	725.9078	718.2666	548.75	122.5994	4.2229
1062	21.0373	689.407	677.9619	547.8125	122.5994	4.21953
1063	21.0543	654.8975	650.3511	546.875	122.5994	4.21616
1064	21.0713	733.1212	630.0977	545.9375	122.5994	4.2128
1065	21.0883	589.7864	614.7106	545	122.5994	4.20944
1066	21.1053	606.7222	602.7598	544.0625	122.5994	4.20609
1067	21.1223	564.7833	593.1323	543.125	122.5994	4.20274
1068	21.1393	566.2503	585.105	542.1875	122.5994	4.1994
1069	21.1563	575.8136	578.3293	541.25	122.5994	4.19606
1070	21.1733	561.6437	572.4943	540.3125	122.5994	4.19273
1071	21.1903	502.6318	567.3503	539.375	122.5994	4.18941
1072	21.2073	543.1052	562.8331	538.4375	122.5994	4.18609
1073	21.2243	545.7563	558.9354	537.5	122.5994	4.18277
1074	21.2413	519.06	555.5743	536.5625	122.5994	4.17946
1075	21.2583	510.7695	552.6638	535.625	122.5994	4.17616
1076	21.2753	516.7775	550.1185	534.6875	122.5994	4.17286

1077	21.2923	551.2843	547.8654	533.75	122.5994	4.16957
1078	21.3093	528.7366	545.8445	532.8125	122.5994	4.16628
1079	21.3263	566.62	544.0121	531.875	122.5994	4.163
1080	21.3433	533.837	542.3405	530.9375	122.5994	4.15972
1081	21.3603	505.8685	540.817	530	122.5994	4.15645
1082	21.3773	555.6141	540.5995	530.4167	122.5994	4.15318
1083	21.3943	502.3514	540.7675	530.8333	122.5994	4.14992
1084	21.4113	530.6926	541.163	531.25	122.5994	4.14666
1085	21.4283	561.8583	535.8279	531.6667	122.5994	4.14341
1086	21.4453	553.886	537.3242	532.0833	122.5994	4.14016
1087	21.4623	553.5235	539.3286	532.5	122.5994	4.13692
1088	21.4793	553.056	541.9164	532.9167	122.5994	4.13369
1089	21.4963	555.9105	545.0481	533.3333	122.5994	4.13046
1090	21.5133	551.5606	548.471	533.75	122.5994	4.12723
1091	21.5303	561.2622	551.6782	534.1667	122.5994	4.12401
1092	21.5473	573.2657	554.2206	534.5833	122.5994	4.12079
1093	21.5643	550.5924	555.7205	535	122.5994	4.11758
1094	21.5813	510.4964	556.7737	535.4167	122.5994	4.11438
1095	21.5983	539.1934	556.8602	535.8333	122.5994	4.11118
1096	21.6153	563.1712	555.972	536.25	122.5994	4.10798
1097	21.6323	562.486	554.3846	536.6667	122.5994	4.10479
1098	21.6493	527.4257	552.4393	537.0833	122.5994	4.10161
1099	21.6663	504.5751	550.3719	537.5	122.5994	4.09843
1100	21.6833	545.1676	548.3614	537.9167	122.5994	4.09525
1101	21.7003	508.4518	546.4658	538.3333	122.5994	4.09209
1102	21.7173	549.329	545.0418	538.75	122.5994	4.08892
1103	21.7343	537.4765	543.9894	539.1667	122.5994	4.08576
1104	21.7513	529.9355	544.8082	539.5833	122.5994	4.08261
1105	21.7683	530.1441	544.5532	540	122.5994	4.07946
1106	21.7853	569.1895	543.9697	539.8333	122.5994	4.07631
1107	21.8023	517.8138	543.5911	539.6667	122.5994	4.07317
1108	21.8193	539.1979	543.3987	539.5	122.5994	4.07004
1109	21.8363	543.6474	543.3287	539.3333	122.5994	4.06691
1110	21.8533	523.0416	543.3901	539.1667	122.5994	4.06378
1111	21.8703	536.0983	543.5874	539	122.5994	4.06066
1112	21.8873	546.6811	543.9412	538.8333	122.5994	4.05754
1113	21.9043	538.9385	544.4915	538.6667	122.5994	4.05443
1114	21.9213	538.1884	545.3062	538.5	122.5994	4.05133
1115	21.9383	565.5788	546.4988	538.3333	122.5994	4.04823
1116	21.9553	566.4506	548.2809	538.1667	122.5994	4.04513
1117	21.9723	575.8942	551.1581	538	122.5994	4.04204
1118	21.9893	567.7565	556.5617	537.8333	122.5994	4.03895
1119	22.0063	606.7497	568.5061	537.6667	122.5994	4.03587
1120	22.0233	639.3959	594.2299	537.5	122.5994	4.03279
1121	22.0403	692.2205	640.4711	537.3333	122.5994	4.02972
1122	22.0573	706.7268	701.8583	537.1667	122.5994	4.02665
1123	22.0743	788.0886	744.4081	537	122.5994	4.02359
1124	22.0913	841.1987	734.4225	536.8333	122.5994	4.02053
1125	22.1083	797.9149	705.0382	536.6667	122.5994	4.01748

1126	22.1253	726.6332	681.4127	536.5	122.5994	4.01443
1127	22.1423	692.2086	648.8281	536.3333	122.5994	4.01139
1128	22.1593	655.9456	609.4523	536.1667	122.5994	4.00835
1129	22.1763	584.9885	578.8901	536	122.5994	4.00532
1130	22.1933	547.4685	560.6323	535.8333	122.5994	4.00229
1131	22.2103	522.9873	551.3698	535.6667	122.5994	3.99926
1132	22.2273	524.4013	547.0796	535.5	122.5994	3.99624
1133	22.2443	512.8165	544.5286	535.3333	122.5994	3.99322
1134	22.2613	499.0592	542.8853	535.1667	122.5994	3.99021
1135	22.2783	534.5589	541.7603	535	122.5994	3.98721
1136	22.2953	530.9508	541.0714	534.8333	122.5994	3.98421
1137	22.3123	533.62	540.6265	534.6667	122.5994	3.98121
1138	22.3293	533.5588	540.4449	534.5	122.5994	3.97822
1139	22.3463	542.6697	540.4651	534.3333	122.5994	3.97523
1140	22.3633	538.1444	540.7384	534.1667	122.5994	3.97224
1141	22.3803	522.0042	539.9377	534	122.5994	3.96927
1142	22.3973	509.9038	540.6225	533.8333	122.5994	3.96629
1143	22.4143	522.6229	541.2957	533.6667	122.5994	3.96332
1144	22.4313	529.9863	541.184	533.5	122.5994	3.96036
1145	22.4483	524.4198	541.507	533.3333	122.5994	3.9574
1146	22.4653	510.0114	541.4932	533.1667	122.5994	3.95444
1147	22.4823	507.6884	541.1761	533	122.5994	3.95149
1148	22.4993	516.9367	540.6415	532.8333	122.5994	3.94854
1149	22.5163	526.2685	540.0061	532.6667	122.5994	3.9456
1150	22.5333	519.0485	539.4164	532.5	122.5994	3.94266
1151	22.5503	508.5767	539.0244	532.3333	122.5994	3.93973
1152	22.5673	552.3185	538.9393	532.1667	122.5994	3.9368
1153	22.5843	529.7875	539.1815	532	122.5994	3.93387
1154	22.6013	523.5436	540.2593	532.4583	122.5994	3.93095
1155	22.6183	528.2287	541.261	532.9167	122.5994	3.92803
1156	22.6353	532.8735	541.8859	533.375	122.5994	3.92512
1157	22.6523	521.6017	542.1385	533.8333	122.5994	3.92222
1158	22.6693	476.0726	542.217	534.2917	122.5994	3.91931
1159	22.6863	507.414	542.2228	534.75	122.5994	3.91641
1160	22.7033	527.8676	542.2563	535.2083	122.5994	3.91352
1161	22.7203	511.5191	542.5235	535.6667	122.5994	3.91063
1162	22.7373	542.2096	543.2209	536.125	122.5994	3.90774
1163	22.7543	552.2783	544.4883	536.5833	122.5994	3.90486
1164	22.7713	560.613	546.441	537.0417	122.5994	3.90199
1165	22.7883	516.1235	549.1897	537.5	122.5994	3.89911
1166	22.8053	530.0286	553.0952	537.9583	122.5994	3.89625
1167	22.8223	483.9067	557.7319	538.4167	122.5994	3.89338
1168	22.8393	530.5303	563.3164	538.875	122.5994	3.89052
1169	22.8563	547.8675	570.0953	539.3333	122.5994	3.88767
1170	22.8733	590.6363	576.9326	539.7917	122.5994	3.88482
1171	22.8903	640.7943	583.5452	540.25	122.5994	3.88197
1172	22.9073	613.2988	589.1572	540.7083	122.5994	3.87913
1173	22.9243	586.7041	592.6313	541.1667	122.5994	3.87629
1174	22.9413	591.5951	593.6847	541.625	122.5994	3.87346

1175	22.9583	596.643	592.4937	542.0833	122.5994	3.87063
1176	22.9753	604.4265	589.5542	542.5417	122.5994	3.8678
1177	22.9923	598.8778	585.5525	543	122.5994	3.86498
1178	23.0093	566.3469	581.5632	543.4583	122.5994	3.86216
1179	23.0263	584.4069	579.2451	543.9167	122.5994	3.85935
1180	23.0433	575.6921	580.9326	544.375	122.5994	3.85654
1181	23.0603	544.5483	586.6212	544.8333	122.5994	3.85374
1182	23.0773	571.5373	593.637	545.2917	122.5994	3.85093
1183	23.0943	557.2085	594.1591	545.75	122.5994	3.84814
1184	23.1113	513.6827	588.0349	546.2083	122.5994	3.84535
1185	23.1283	543.9956	582.3904	546.6667	122.5994	3.84256
1186	23.1453	548.3874	578.0139	547.125	122.5994	3.83977
1187	23.1623	506.105	571.7393	547.5833	122.5994	3.83699
1188	23.1793	501.7694	565.5266	548.0417	122.5994	3.83422
1189	23.1963	489.3354	561.2072	548.5	122.5994	3.83145
1190	23.2133	511.0949	559.1666	548.9583	122.5994	3.82868
1191	23.2303	525.2971	558.6481	549.4167	122.5994	3.82592
1192	23.2473	519.7901	559.0127	549.875	122.5994	3.82316
1193	23.2643	502.3705	559.9905	550.3333	122.5994	3.8204
1194	23.2813	481.0764	561.5938	550.7917	122.5994	3.81765
1195	23.2983	528.4202	563.9781	551.25	122.5994	3.8149
1196	23.3153	535.7067	567.3576	551.7083	122.5994	3.81216
1197	23.3323	502.4859	571.9343	552.1667	122.5994	3.80942
1198	23.3493	527.0669	577.8168	552.625	122.5994	3.80669
1199	23.3663	541.8607	584.9125	553.0833	122.5994	3.80396
1200	23.3833	569.3222	592.7871	553.5417	122.5994	3.80123
1201	23.4003	541.2704	600.5115	554	122.5994	3.79851
1202	23.4173	561.2325	608.3464	556.0417	122.5994	3.79579
1203	23.4343	546.1361	613.7859	558.0833	122.5994	3.79307
1204	23.4513	518.4386	617.3484	560.125	122.5994	3.79036
1205	23.4683	548.7694	621.2031	562.1667	122.5994	3.78765
1206	23.4853	522.2129	628.8427	564.2083	122.5994	3.78495
1207	23.5023	511.2361	643.8192	566.25	122.5994	3.78225
1208	23.5193	597.5903	665.5832	568.2917	122.5994	3.77955
1209	23.5363	690.9429	682.5645	570.3333	122.5994	3.77686
1210	23.5533	655.4397	680.2292	572.375	122.5994	3.77418
1211	23.5703	659.6197	670.2167	574.4167	122.5994	3.77149
1212	23.5873	637.9414	665.1292	576.4583	122.5994	3.76881
1213	23.6043	684.0363	659.0981	578.5	122.5994	3.76614
1214	23.6213	658.9793	647.2393	580.5417	122.5994	3.76346
1215	23.6383	682.442	636.4044	582.5833	122.5994	3.7608
1216	23.6553	619.2653	629.8925	584.625	122.5994	3.75813
1217	23.6723	645.1721	627.2611	586.6667	122.5994	3.75547
1218	23.6893	642.3646	627.6701	588.7083	122.5994	3.75281
1219	23.7063	633.1555	630.0552	590.75	122.5994	3.75016
1220	23.7233	633.7987	634.1802	592.7917	122.5994	3.74751
1221	23.7403	605.2878	639.8587	594.8333	122.5994	3.74487
1222	23.7573	624.2125	646.6216	596.875	122.5994	3.74223
1223	23.7743	582.7454	653.6116	598.9167	122.5994	3.73959

1224	23.7913	568.8956	659.6694	600.9583	122.5994	3.73696
1225	23.8083	611.8364	664.0663	603	122.5994	3.73433
1226	23.8253	626.8026	663.2344	602.625	122.5994	3.7317
1227	23.8423	626.2317	660.0542	602.25	122.5994	3.72908
1228	23.8593	612.038	655.1332	601.875	122.5994	3.72646
1229	23.8763	606.5021	648.7032	601.5	122.5994	3.72384
1230	23.8933	621.6907	641.577	601.125	122.5994	3.72123
1231	23.9103	611.6435	634.4768	600.75	122.5994	3.71863
1232	23.9273	614.635	628.2188	600.375	122.5994	3.71602
1233	23.9443	612.4356	622.7035	600	122.5994	3.71342
1234	23.9613	585.5838	618.2861	599.625	122.5994	3.71083
1235	23.9783	577.6991	615.0069	599.25	122.5994	3.70823
1236	23.9953	602.0206	613.0785	598.875	122.5994	3.70565
1237	24.0123	607.4016	612.4561	598.5	122.5994	3.70306
1238	24.0293	583.4518	614.9657	598.125	122.5994	3.70048
1239	24.0463	557.8888	622.9477	597.75	122.5994	3.6979
1240	24.0633	595.2246	634.8185	597.375	122.5994	3.69533
1241	24.0803	590.0879	648.0607	597	122.5994	3.69276
1242	24.0973	559.3456	651.007	596.625	122.5994	3.69019
1243	24.1143	528.8205	644.2757	596.25	122.5994	3.68763
1244	24.1313	516.4611	638.8889	595.875	122.5994	3.68507
1245	24.1483	525.8056	636.6431	595.5	122.5994	3.68251
1246	24.1653	596.7244	633.8578	595.125	122.5994	3.67996
1247	24.1823	627.166	633.385	594.75	122.5994	3.67741
1248	24.1993	585.151	637.6062	594.375	122.5994	3.67487
1249	24.2163	584.2271	641.5481	594	122.5994	3.67233
1250	24.2333	585.6509	637.564	591.8333	122.5994	3.66979
1251	24.2503	594.3542	634.4069	589.6667	122.5994	3.66725
1252	24.2673	631.682	639.9844	587.5	122.5994	3.66472
1253	24.2843	611.6401	656.0156	585.3333	122.5994	3.6622
1254	24.3013	610.1014	680.8281	583.1667	122.5994	3.65967
1255	24.3183	705.7601	703.7036	581	122.5994	3.65715
1256	24.3353	660.4568	700.5675	578.8333	122.5994	3.65464
1257	24.3523	646.0555	678.4702	576.6667	122.5994	3.65212
1258	24.3693	679.7228	661.7236	574.5	122.5994	3.64961
1259	24.3863	647.8869	648.9633	572.3333	122.5994	3.64711
1260	24.4033	611.5771	628.2086	570.1667	122.5994	3.64461
1261	24.4203	570.3085	605.3394	568	122.5994	3.64211
1262	24.4373	527.4771	588.1901	565.8333	122.5994	3.63961
1263	24.4543	550.4702	577.6235	563.6667	122.5994	3.63712
1264	24.4713	558.2297	571.4806	561.5	122.5994	3.63463
1265	24.4883	525.2982	567.5814	559.3333	122.5994	3.63215
1266	24.5053	536.6068	564.4513	557.1667	122.5994	3.62967
1267	24.5223	506.0025	562.2419	555	122.5994	3.62719
1268	24.5393	531.2173	560.4113	552.8333	122.5994	3.62471
1269	24.5563	523.1279	558.2031	550.6667	122.5994	3.62224
1270	24.5733	521.1799	556.2805	548.5	122.5994	3.61978
1271	24.5903	522.9316	553.9965	546.3333	122.5994	3.61731
1272	24.6073	521.4364	551.28	544.1667	122.5994	3.61485

1273	24.6243	543.4421	547.6138	542	122.5994	3.6124
1274	24.6413	563.0894	549.7496	543.5	122.5994	3.60994
1275	24.6583	548.694	550.4427	545	122.5994	3.60749
1276	24.6753	552.8344	551.1655	546.5	122.5994	3.60504
1277	24.6923	549.703	552.3658	548	122.5994	3.6026
1278	24.7093	539.0007	553.5339	549.5	122.5994	3.60016
1279	24.7263	524.4198	554.9011	551	122.5994	3.59772
1280	24.7433	556.2197	556.4413	552.5	122.5994	3.59529
1281	24.7603	555.0152	558.1262	554	122.5994	3.59286
1282	24.7773	521.24	559.9352	555.5	122.5994	3.59043
1283	24.7943	534.1402	561.8574	557	122.5994	3.58801
1284	24.8113	544.7431	563.8889	558.5	122.5994	3.58559
1285	24.8283	537.0824	566.659	560	122.5994	3.58317
1286	24.8453	542.6658	568.9302	561.5	122.5994	3.58076
1287	24.8623	532.0602	571.2848	563	122.5994	3.57835
1288	24.8793	543.6083	573.6884	564.5	122.5994	3.57594
1289	24.8963	555.6183	576.3655	566	122.5994	3.57354
1290	24.9133	560.4445	578.7505	567.5	122.5994	3.57114
1291	24.9303	583.4735	581.1022	569	122.5994	3.56874
1292	24.9473	617.334	583.4659	570.5	122.5994	3.56635
1293	24.9643	593.56	585.915	572	122.5994	3.56396
1294	24.9813	593.5591	588.5492	573.5	122.5994	3.56157
1295	24.9983	587.1866	591.5338	575	122.5994	3.55919
1296	25.0153	585.6509	595.1198	576.5	122.5994	3.55681
1297	25.0323	585.6509	599.6692	578	122.5994	3.55443
1298	25.0493	585.6509	605.0287	578.6875	122.5994	3.55206
1299	25.0663	550.3062	612.8163	579.375	122.5994	3.54969
1300	25.0833	611.5859	624.1017	580.0625	122.5994	3.54732
1301	25.1003	664.1905	640.0432	580.75	122.5994	3.54496
1302	25.1173	640.2899	661.6765	581.4375	122.5994	3.5426
1303	25.1343	671.7266	689.4283	582.125	122.5994	3.54024
1304	25.1513	734.6179	722.6652	582.8125	122.5994	3.53789
1305	25.1683	742.0633	758.8969	583.5	122.5994	3.53553
1306	25.1853	775.2997	792.8928	584.1875	122.5994	3.53319
1307	25.2023	738.7672	817.3939	584.875	122.5994	3.53084
1308	25.2193	743.36	827.2443	585.5625	122.5994	3.5285
1309	25.2363	837.0234	823.0328	586.25	122.5994	3.52616
1310	25.2533	775.6799	808.4424	586.9375	122.5994	3.52383
1311	25.2703	758.7046	786.1063	587.625	122.5994	3.52149
1312	25.2873	739.5975	758.3187	588.3125	122.5994	3.51917
1313	25.3043	710.9606	729.0206	589	122.5994	3.51684
1314	25.3213	676.0969	702.2996	589.6875	122.5994	3.51452
1315	25.3383	642.4153	680.8356	590.375	122.5994	3.5122
1316	25.3553	638.0265	665.8351	591.0625	122.5994	3.50988
1317	25.3723	638.8121	658.1257	591.75	122.5994	3.50757
1318	25.3893	647.4076	658.8159	592.4375	122.5994	3.50526
1319	25.4063	678.6811	668.7116	593.125	122.5994	3.50295
1320	25.4233	663.2147	685.9366	593.8125	122.5994	3.50065
1321	25.4403	667.7257	702.3473	594.5	122.5994	3.49835

1322	25.4573	670.7411	709.1921	595.1875	122.5994	3.49605
1323	25.4743	713.109	713.0894	595.875	122.5994	3.49375
1324	25.4913	734.7177	720.6896	596.5625	122.5994	3.49146
1325	25.5083	750.3868	727.4453	597.25	122.5994	3.48917
1326	25.5253	764.4091	725.7653	597.9375	122.5994	3.48689
1327	25.5423	756.2641	715.9781	598.625	122.5994	3.48461
1328	25.5593	759.3064	703.579	599.3125	122.5994	3.48233
1329	25.5763	764.9466	691.9907	600	122.5994	3.48005
1330	25.5933	725.364	680.522	600.6875	122.5994	3.47778
1331	25.6103	680.8484	667.8865	601.375	122.5994	3.47551
1332	25.6273	725.3466	655.5627	602.0625	122.5994	3.47324
1333	25.6443	713.6745	645.0277	602.75	122.5994	3.47098
1334	25.6613	688.1265	636.6992	603.4375	122.5994	3.46872
1335	25.6783	668.2162	630.3287	604.125	122.5994	3.46646
1336	25.6953	667.9002	625.6479	604.8125	122.5994	3.4642
1337	25.7123	698.2276	622.2802	605.5	122.5994	3.46195
1338	25.7293	659.6968	619.941	606.1875	122.5994	3.4597
1339	25.7463	605.8905	618.3839	606.875	122.5994	3.45746
1340	25.7633	635.7251	617.4018	607.5625	122.5994	3.45521
1341	25.7803	670.8265	616.8306	608.25	122.5994	3.45297
1342	25.7973	653.9633	615.2638	608.9375	122.5994	3.45074
1343	25.8143	623.8079	615.2541	609.625	122.5994	3.4485
1344	25.8313	633.4937	615.385	610.3125	122.5994	3.44627
1345	25.8483	580.8602	615.6235	611	122.5994	3.44404
1346	25.8653	617.3545	615.9216	612.5417	122.5994	3.44182
1347	25.8823	620.0216	617.277	614.0833	122.5994	3.4396
1348	25.8993	600.6077	618.7609	615.625	122.5994	3.43738
1349	25.9163	619.8677	620.3575	617.1667	122.5994	3.43516
1350	25.9333	579.9743	622.695	618.7083	122.5994	3.43295
1351	25.9503	550.2771	624.1039	620.25	122.5994	3.43074
1352	25.9673	605.1713	625.4063	621.7917	122.5994	3.42853
1353	25.9843	606.9582	626.7944	623.3333	122.5994	3.42633
1354	26.0013	622.7282	645.2455	624.875	122.5994	3.42413
1355	26.0183	600.6553	647.5847	626.4167	122.5994	3.42193
1356	26.0353	573.4509	650.0098	627.9583	122.5994	3.41973
1357	26.0523	587.3625	652.614	629.5	122.5994	3.41754
1358	26.0693	599.2604	655.4359	631.0417	122.5994	3.41535
1359	26.0863	605.4457	658.4847	632.5833	122.5994	3.41316
1360	26.1033	578.1417	661.7607	634.125	122.5994	3.41098
1361	26.1203	604.1379	680.0308	635.6667	122.5994	3.40879
1362	26.1373	623.595	684.5546	637.2083	122.5994	3.40662
1363	26.1543	624.0655	689.3047	638.75	122.5994	3.40444
1364	26.1713	587.1487	694.2209	640.2917	122.5994	3.40227
1365	26.1883	625.8669	701.7733	641.8333	122.5994	3.4001
1366	26.2053	629.5234	706.655	643.375	122.5994	3.39793
1367	26.2223	599.0968	712.3743	644.9167	122.5994	3.39577
1368	26.2393	638.8552	718.5121	646.4583	122.5994	3.3936
1369	26.2563	661.188	725.1772	648	122.5994	3.39145
1370	26.2733	648.412	732.2641	649.5417	122.5994	3.38929

1371	26.2903	682.5432	740.4602	651.0833	122.5994	3.38714
1372	26.3073	712.9495	749.6921	652.625	122.5994	3.38499
1373	26.3243	719.2837	760.1793	654.1667	122.5994	3.38284
1374	26.3413	716.6197	772.1828	655.7083	122.5994	3.38069
1375	26.3583	718.0714	786.0583	657.25	122.5994	3.37855
1376	26.3753	779.9532	802.3329	658.7917	122.5994	3.37641
1377	26.3923	801.9495	821.9067	660.3333	122.5994	3.37428
1378	26.4093	842.2599	846.4647	661.875	122.5994	3.37214
1379	26.4263	929.1994	878.807	663.4167	122.5994	3.37001
1380	26.4433	1020.57	922.0349	664.9583	122.5994	3.36789
1381	26.4603	1072.389	976.7686	666.5	122.5994	3.36576
1382	26.4773	1130.126	1037.103	668.0417	122.5994	3.36364
1383	26.4943	1305.46	1096.834	669.5833	122.5994	3.36152
1384	26.5113	1446.978	1169.535	671.125	122.5994	3.3594
1385	26.5283	1667.413	1275.926	672.6667	122.5994	3.35729
1386	26.5453	1907.401	1440.179	674.2083	122.5994	3.35517
1387	26.5623	2217.933	1715.388	675.75	122.5994	3.35307
1388	26.5793	2515.675	2213.838	677.2917	122.5994	3.35096
1389	26.5963	3136.151	3088.108	678.8333	122.5994	3.34886
1390	26.6133	3884.512	4451.212	680.375	122.5994	3.34676
1391	26.6303	5058.282	6237.703	681.9167	122.5994	3.34466
1392	26.6473	6860.112	8003.912	683.4583	122.5994	3.34256
1393	26.6643	9161.094	8883.729	685	122.5994	3.34047
1394	26.6813	11119.87	8552.105	686.5417	122.5994	3.33838
1395	26.6983	10409.03	7765.046	688.0833	122.5994	3.33629
1396	26.7153	7223.749	7060.491	689.625	122.5994	3.33421
1397	26.7323	6090.457	6263.47	691.1667	122.5994	3.33213
1398	26.7493	6204.595	5191.185	692.7083	122.5994	3.33005
1399	26.7663	5215.213	4112.567	694.25	122.5994	3.32797
1400	26.7833	3439.424	3267.38	695.7917	122.5994	3.3259
1401	26.8003	2276.671	2694.46	697.3333	122.5994	3.32383
1402	26.8173	1866.036	2333.201	698.875	122.5994	3.32176
1403	26.8343	1802.215	2098.93	700.4167	122.5994	3.31969
1404	26.8513	1721.963	1925.266	701.9583	122.5994	3.31763
1405	26.8683	1625.056	1773.805	703.5	122.5994	3.31557
1406	26.8853	1522.365	1628.741	705.0417	122.5994	3.31351
1407	26.9023	1433.239	1488.735	706.5833	122.5994	3.31146
1408	26.9193	1268.097	1358.79	708.125	122.5994	3.3094
1409	26.9363	1140.168	1244.03	709.6667	122.5994	3.30735
1410	26.9533	1065.466	1147.067	711.2083	122.5994	3.30531
1411	26.9703	963.0408	1068.003	712.75	122.5994	3.30326
1412	26.9873	886.2375	1005.364	714.2917	122.5994	3.30122
1413	27.0043	810.0113	956.8269	715.8333	122.5994	3.29918
1414	27.0213	780.5851	919.791	717.375	122.5994	3.29714
1415	27.0383	762.989	891.7395	718.9167	122.5994	3.29511
1416	27.0553	708.4006	870.4634	720.4583	122.5994	3.29308
1417	27.0723	713.4942	854.165	722	122.5994	3.29105
1418	27.0893	748.2463	839.4182	721.4896	122.5994	3.28902
1419	27.1063	707.2871	827.2774	720.9792	122.5994	3.287

1420	27.1233	664.964	817.0472	720.4688	122.5994	3.28497
1421	27.1403	663.9174	808.0668	719.9583	122.5994	3.28295
1422	27.1573	682.8206	800.3915	719.4479	122.5994	3.28094
1423	27.1743	701.1639	793.6041	718.9375	122.5994	3.27892
1424	27.1913	665.8977	787.5459	718.4271	122.5994	3.27691
1425	27.2083	617.7738	783.2406	717.9167	122.5994	3.2749
1426	27.2253	618.2092	778.3751	717.4063	122.5994	3.2729
1427	27.2423	614.8404	773.962	716.8958	122.5994	3.27089
1428	27.2593	617.0823	769.9423	716.3854	122.5994	3.26889
1429	27.2763	595.0947	766.2674	715.875	122.5994	3.26689
1430	27.2933	574.8748	763.8063	715.3646	122.5994	3.2649
1431	27.3103	616.3979	743.0862	714.8542	122.5994	3.2629
1432	27.3273	641.9141	741.1586	714.3438	122.5994	3.26091
1433	27.3443	596.8849	739.3858	713.8333	122.5994	3.25892
1434	27.3613	610.1356	737.7537	713.3229	122.5994	3.25694
1435	27.3783	606.6106	727.4929	712.8125	122.5994	3.25495
1436	27.3953	631.3426	726.5469	712.3021	122.5994	3.25297
1437	27.4123	695.3671	725.6812	711.7917	122.5994	3.25099
1438	27.4293	702.2631	725.1047	711.2813	122.5994	3.24902
1439	27.4463	737.5312	724.4072	710.7708	122.5994	3.24704
1440	27.4633	755.6387	723.7892	710.2604	122.5994	3.24507
1441	27.4803	811.3368	723.2535	709.75	122.5994	3.2431
1442	27.4973	834.8313	716.673	707.5469	122.5994	3.24114
1443	27.5143	756.2641	714.8767	705.3438	122.5994	3.23917
1444	27.5313	756.7068	713.1735	703.1406	122.5994	3.23721
1445	27.5483	771.6228	711.6319	700.9375	122.5994	3.23525
1446	27.5653	824.3038	707.7777	698.7344	122.5994	3.2333
1447	27.5823	770.9872	706.5938	696.5313	122.5994	3.23134
1448	27.5993	746.9034	705.6076	694.3281	122.5994	3.22939
1449	27.6163	687.2699	704.9664	692.125	122.5994	3.22744
1450	27.6333	699.187	704.5953	689.9219	122.5994	3.22549
1451	27.6503	715.6937	704.7156	687.7188	122.5994	3.22355
1452	27.6673	654.9531	705.5596	685.5156	122.5994	3.22161
1453	27.6843	718.0125	707.5811	683.3125	122.5994	3.21967
1454	27.7013	750.774	711.9072	681.1094	122.5994	3.21773
1455	27.7183	743.0439	721.5235	678.9063	122.5994	3.2158
1456	27.7353	772.0576	742.7227	676.7031	122.5994	3.21386
1457	27.7523	891.9203	783.4448	674.5	122.5994	3.21193
1458	27.7693	922.6905	844.3286	672.2969	122.5994	3.21001
1459	27.7863	911.3651	902.6691	670.0938	122.5994	3.20808
1460	27.8033	896.2904	914.6028	667.8906	122.5994	3.20616
1461	27.8203	975.5517	892.4445	665.6875	122.5994	3.20424
1462	27.8373	1024.323	884.2841	663.4844	122.5994	3.20232
1463	27.8543	1040.941	899.8768	661.2813	122.5994	3.2004
1464	27.8713	1018.223	917.5282	659.0781	122.5994	3.19849
1465	27.8883	1001.745	935.1853	656.875	122.5994	3.19658
1466	27.9053	1073.594	977.2314	654.6719	122.5994	3.19467
1467	27.9223	1138.797	1045.399	652.4688	122.5994	3.19276
1468	27.9393	1234.198	1104.842	650.2656	122.5994	3.19086

1469	27.9563	1344.773	1134.942	648.0625	122.5994	3.18896
1470	27.9733	1320.318	1116.871	645.8594	122.5994	3.18706
1471	27.9903	1213.884	1055.833	643.6563	122.5994	3.18516
1472	28.0073	1174.118	996.6732	641.4531	122.5994	3.18327
1473	28.0243	1108.875	953.8969	639.25	122.5994	3.18137
1474	28.0413	1022.149	916.3118	637.0469	122.5994	3.17948
1475	28.0583	915.3073	866.7778	634.8438	122.5994	3.1776
1476	28.0753	843.33	813.5508	632.6406	122.5994	3.17571
1477	28.0923	799.2632	762.6862	630.4375	122.5994	3.17383
1478	28.1093	755.0744	728.2614	628.2344	122.5994	3.17195
1479	28.1263	681.4963	709.6616	626.0313	122.5994	3.17007
1480	28.1433	687.0821	697.0458	623.8281	122.5994	3.16819
1481	28.1603	673.9998	680.7116	621.625	122.5994	3.16632
1482	28.1773	675.315	664.6973	619.4219	122.5994	3.16445
1483	28.1943	657.7024	652.0964	617.2188	122.5994	3.16258
1484	28.2113	618.7351	643.3058	615.0156	122.5994	3.16071
1485	28.2283	587.7038	637.3376	612.8125	122.5994	3.15884
1486	28.2453	632.6664	633.4136	610.6094	122.5994	3.15698
1487	28.2623	630.0841	631.8281	608.4063	122.5994	3.15512
1488	28.2793	615.1313	634.5381	606.2031	122.5994	3.15326
1489	28.2963	581.2163	645.0175	604	122.5994	3.15141
1490	28.3133	605.5445	664.134	600.5833	122.5994	3.14955
1491	28.3303	616.5372	687.216	597.1667	122.5994	3.1477
1492	28.3473	639.2149	694.2999	593.75	122.5994	3.14585
1493	28.3643	633.1388	676.6992	590.3333	122.5994	3.14401
1494	28.3813	664.3649	656.7808	586.9167	122.5994	3.14216
1495	28.3983	684.2037	647.2786	583.5	122.5994	3.14032
1496	28.4153	638.4199	640.8246	580.0833	122.5994	3.13848
1497	28.4323	631.9209	625.6273	576.6667	122.5994	3.13664
1498	28.4493	627.5902	606.8457	573.25	122.5994	3.13481
1499	28.4663	592.2037	591.9648	569.8333	122.5994	3.13297
1500	28.4833	632.5709	582.2987	566.4167	122.5994	3.13114
1501	28.5003	644.2925	576.2791	563	122.5994	3.12931
1502	28.5173	641.974	572.1384	559.5833	122.5994	3.12749
1503	28.5343	605.4246	568.9019	556.1667	122.5994	3.12566
1504	28.5513	613.9062	566.0562	552.75	122.5994	3.12384
1505	28.5683	632.2394	563.3564	549.3333	122.5994	3.12202
1506	28.5853	607.8093	560.5522	545.9167	122.5994	3.1202
1507	28.6023	602.2625	556.1938	542.5	122.5994	3.11838
1508	28.6193	554.082	552.6676	539.0833	122.5994	3.11657
1509	28.6363	551.7648	548.7265	535.6667	122.5994	3.11476
1510	28.6533	567.7618	544.4653	532.25	122.5994	3.11295
1511	28.6703	540.741	539.1639	528.8333	122.5994	3.11114
1512	28.6873	521.9417	534.5121	525.4167	122.5994	3.10934
1513	28.7043	527.8826	529.6741	522	122.5994	3.10753
1514	28.7213	507.8333	528.5165	522.125	122.5994	3.10573
1515	28.7383	516.0486	527.4822	522.25	122.5994	3.10394
1516	28.7553	540.0614	526.621	522.375	122.5994	3.10214
1517	28.7723	526.867	525.4072	522.5	122.5994	3.10034

1518	28.7893	514.0369	524.9537	522.625	122.5994	3.09855
1519	28.8063	510.7695	524.6541	522.75	122.5994	3.09676
1520	28.8233	513.8647	524.4877	522.875	122.5994	3.09497
1521	28.8403	493.2469	524.4391	523	122.5994	3.09319
1522	28.8573	500.1697	524.5058	523.125	122.5994	3.09141
1523	28.8743	502.8441	524.7034	523.25	122.5994	3.08962
1524	28.8913	498.3307	525.0653	523.375	122.5994	3.08784
1525	28.9083	469.5893	525.6304	523.5	122.5994	3.08607
1526	28.9253	501.6655	526.4181	523.625	122.5994	3.08429
1527	28.9423	549.2948	527.3927	523.75	122.5994	3.08252
1528	28.9593	536.9965	528.4118	523.875	122.5994	3.08075
1529	28.9763	513.5231	529.199	524	122.5994	3.07898
1530	28.9933	527.1558	529.5212	524.125	122.5994	3.07721
1531	29.0103	541.7874	529.4554	524.25	122.5994	3.07545
1532	29.0273	556.1462	529.2148	524.375	122.5994	3.07369
1533	29.0443	516.8433	528.8739	524.5	122.5994	3.07193
1534	29.0613	515.2996	528.4015	524.625	122.5994	3.07017
1535	29.0783	515.5195	527.8287	524.75	122.5994	3.06841
1536	29.0953	550.5058	527.2673	524.875	122.5994	3.06666
1537	29.1123	491.3186	526.796	525	122.5994	3.0649
1538	29.1293	546.2608	525.4879	524.1667	122.5994	3.06315
1539	29.1463	528.1664	524.306	523.3333	122.5994	3.06141
1540	29.1633	518.2476	523.2326	522.5	122.5994	3.05966
1541	29.1803	511.2075	523.1026	521.6667	122.5994	3.05792
1542	29.1973	532.3076	522.2075	520.8333	122.5994	3.05618
1543	29.2143	479.1763	521.3497	520	122.5994	3.05444
1544	29.2313	506.4033	520.516	519.1667	122.5994	3.0527
1545	29.2483	539.8279	520.1085	518.3333	122.5994	3.05096
1546	29.2653	519.102	519.3248	517.5	122.5994	3.04923
1547	29.2823	482.6477	518.5535	516.6667	122.5994	3.0475
1548	29.2993	476.6244	517.732	515.8333	122.5994	3.04577
1549	29.3163	497.6681	516.9868	515	122.5994	3.04404
1550	29.3333	481.2361	516.2536	514.1667	122.5994	3.04231
1551	29.3503	468.0854	515.533	513.3333	122.5994	3.04059
1552	29.3673	479.0036	514.7951	512.5	122.5994	3.03887
1553	29.3843	477.4541	514.1049	511.6667	122.5994	3.03715
1554	29.4013	479.2482	513.4315	510.8333	122.5994	3.03543
1555	29.4183	507.4462	512.7771	510	122.5994	3.03372
1556	29.4353	481.2566	512.1152	509.1667	122.5994	3.032
1557	29.4523	503.154	511.5093	508.3333	122.5994	3.03029
1558	29.4693	540.5214	510.9319	507.5	122.5994	3.02858
1559	29.4863	500.8595	510.3842	506.6667	122.5994	3.02688
1560	29.5033	502.5027	509.88	505.8333	122.5994	3.02517
1561	29.5203	508.5651	509.4097	505	122.5994	3.02347
1562	29.5373	506.0259	510.5546	505.7083	122.5994	3.02177
1563	29.5543	496.2606	511.7731	506.4167	122.5994	3.02007
1564	29.5713	473.0218	513.0962	507.125	122.5994	3.01837
1565	29.5883	504.2001	514.564	507.8333	122.5994	3.01667
1566	29.6053	500.1933	516.2403	508.5417	122.5994	3.01498

1567	29.6223	500.8089	518.2126	509.25	122.5994	3.01329
1568	29.6393	506.2595	520.5908	509.9583	122.5994	3.0116
1569	29.6563	506.2595	523.5012	510.6667	122.5994	3.00991
1570	29.6733	530.543	527.0754	511.375	122.5994	3.00822
1571	29.6903	509.715	531.4333	512.0833	122.5994	3.00654
1572	29.7073	557.472	536.7495	512.7917	122.5994	3.00486
1573	29.7243	540.2537	543.431	513.5	122.5994	3.00318
1574	29.7413	529.724	552.0558	514.2083	122.5994	3.0015
1575	29.7583	545.0951	563.0698	514.9167	122.5994	2.99983
1576	29.7753	581.3927	576.6099	515.625	122.5994	2.99815
1577	29.7923	598.8733	592.4884	516.3333	122.5994	2.99648
1578	29.8093	609.4237	610.1155	517.0417	122.5994	2.99481
1579	29.8263	638.6819	628.2156	517.75	122.5994	2.99314
1580	29.8433	685.257	644.6396	518.4583	122.5994	2.99147
1581	29.8603	660.613	657.3068	519.1667	122.5994	2.98981
1582	29.8773	655.9218	663.2996	519.875	122.5994	2.98815
1583	29.8943	691.2971	662.9918	520.5833	122.5994	2.98649
1584	29.9113	679.0502	657.6216	521.2917	122.5994	2.98483
1585	29.9283	647.2702	648.7136	522	122.5994	2.98317
1586	29.9453	668.172	636.8626	522.7083	122.5994	2.98152
1587	29.9623	638.9536	622.7399	523.4167	122.5994	2.97986
1588	29.9793	598.1818	607.9393	524.125	122.5994	2.97821
1589	29.9963	615.8856	593.9214	524.8333	122.5994	2.97656
1590	30.0133	608.9782	581.7523	525.5417	122.5994	2.97492
1591	30.0303	560.703	572.1511	526.25	122.5994	2.97327
1592	30.0473	561.3958	565.2572	526.9583	122.5994	2.97163
1593	30.0643	572.3766	561.9355	527.6667	122.5994	2.96999
1594	30.0813	559.0365	563.9877	528.375	122.5994	2.96835
1595	30.0983	553.6588	573.9717	529.0833	122.5994	2.96671
1596	30.1153	563.0338	592.2628	529.7917	122.5994	2.96507
1597	30.1323	566.3415	611.2989	530.5	122.5994	2.96344
1598	30.1493	535.9039	614.1662	531.2083	122.5994	2.96181
1599	30.1663	525.872	602.1634	531.9167	122.5994	2.96018
1600	30.1833	546.6238	595.4413	532.625	122.5994	2.95855
1601	30.2003	538.4532	601.5974	533.3333	122.5994	2.95692
1602	30.2173	530.1657	611.7485	534.0417	122.5994	2.9553
1603	30.2343	534.2315	608.0734	534.75	122.5994	2.95367
1604	30.2513	526.6717	591.2036	535.4583	122.5994	2.95205
1605	30.2683	533.7422	575.9704	536.1667	122.5994	2.95043
1606	30.2853	521.1193	569.1516	536.875	122.5994	2.94881
1607	30.3023	518.8882	567.3374	537.5833	122.5994	2.9472
1608	30.3193	529.0099	564.1922	538.2917	122.5994	2.94558
1609	30.3363	560.0015	558.8292	539	122.5994	2.94397
1610	30.3533	543.0369	551.9675	537.125	122.5994	2.94236
1611	30.3703	528.6797	547.3207	535.25	122.5994	2.94075
1612	30.3873	521.4778	544.623	533.375	122.5994	2.93915
1613	30.4043	546.9876	543.5649	531.5	122.5994	2.93754
1614	30.4213	548.4326	544.831	529.625	122.5994	2.93594
1615	30.4383	536.151	550.6973	527.75	122.5994	2.93434

1616	30.4553	547.5778	564.3345	525.875	122.5994	2.93274
1617	30.4723	537.9011	586.3566	524	122.5994	2.93114
1618	30.4893	605.9898	608.1449	522.125	122.5994	2.92955
1619	30.5063	596.8731	613.1676	520.25	122.5994	2.92795
1620	30.5233	594.5667	601.0775	518.375	122.5994	2.92636
1621	30.5403	603.7635	584.722	516.5	122.5994	2.92477
1622	30.5573	583.7944	575.5551	514.625	122.5994	2.92318
1623	30.5743	580.8209	569.3895	512.75	122.5994	2.9216
1624	30.5913	520.4787	559.2082	510.875	122.5994	2.92001
1625	30.6083	519.5285	544.8914	509	122.5994	2.91843
1626	30.6253	524.2549	530.0861	507.125	122.5994	2.91685
1627	30.6423	497.694	518.4233	505.25	122.5994	2.91527
1628	30.6593	528.7561	511.6902	503.375	122.5994	2.91369
1629	30.6763	492.5968	507.6838	501.5	122.5994	2.91211
1630	30.6933	483.9536	504.5789	499.625	122.5994	2.91054
1631	30.7103	481.8416	501.9849	497.75	122.5994	2.90897
1632	30.7273	457.3411	499.6389	495.875	122.5994	2.9074
1633	30.7443	496.9923	497.4401	494	122.5994	2.90583
1634	30.7613	527.7631	498.0924	494.875	122.5994	2.90426
1635	30.7783	522.7504	498.8193	495.75	122.5994	2.9027
1636	30.7953	537.3593	499.1906	496.625	122.5994	2.90113
1637	30.8123	535.4816	499.8248	497.5	122.5994	2.89957
1638	30.8293	547.0763	500.7585	498.375	122.5994	2.89801
1639	30.8463	557.1194	501.7194	499.25	122.5994	2.89645
1640	30.8633	542.9001	502.7068	500.125	122.5994	2.89489
1641	30.8803	551.0207	503.5252	501	122.5994	2.89334
1642	30.8973	578.5974	504.2045	501.875	122.5994	2.89179
1643	30.9143	593.7655	505.5778	502.75	122.5994	2.89023
1644	30.9313	602.6221	506.7131	503.625	122.5994	2.88868
1645	30.9483	621.2989	507.8865	504.5	122.5994	2.88714
1646	30.9653	628.9349	509.1064	505.375	122.5994	2.88559
1647	30.9823	639.7622	510.3841	506.25	122.5994	2.88405
1648	30.9993	631.5383	511.7355	507.125	122.5994	2.8825
1649	31.0163	628.6092	513.1846	508	122.5994	2.88096
1650	31.0333	600.9298	514.7678	508.875	122.5994	2.87942
1651	31.0503	578.4091	516.5433	509.75	122.5994	2.87788
1652	31.0673	583.8607	518.6044	510.625	122.5994	2.87635
1653	31.0843	587.4424	521.1101	511.5	122.5994	2.87481
1654	31.1013	567.3106	524.3644	512.375	122.5994	2.87328
1655	31.1183	570.9277	529.0094	513.25	122.5994	2.87175
1656	31.1353	560.5575	536.2441	514.125	122.5994	2.87022
1657	31.1523	562.4924	547.5266	515	122.5994	2.86869
1658	31.1693	577.4846	563.1001	515.875	122.5994	2.86717
1659	31.1863	577.5788	579.3739	516.75	122.5994	2.86564
1660	31.2033	582.716	589.4709	517.625	122.5994	2.86412
1661	31.2203	606.6631	594.9963	518.5	122.5994	2.8626
1662	31.2373	589.772	603.2788	519.375	122.5994	2.86108
1663	31.2543	577.165	615.4949	520.25	122.5994	2.85956
1664	31.2713	602.6551	626.8188	521.125	122.5994	2.85805

1665	31.2883	634.1951	631.4894	522	122.5994	2.85653
1666	31.3053	644.283	629.9576	522.875	122.5994	2.85502
1667	31.3223	566.4889	625.3817	523.75	122.5994	2.85351
1668	31.3393	577.0394	619.3486	524.625	122.5994	2.852
1669	31.3563	624.567	612.1958	525.5	122.5994	2.85049
1670	31.3733	598.4666	604.4433	526.375	122.5994	2.84899
1671	31.3903	581.8073	595.0626	527.25	122.5994	2.84748
1672	31.4073	553.5817	585.4974	528.125	122.5994	2.84598
1673	31.4243	529.5242	576.8687	529	122.5994	2.84448
1674	31.4413	510.8299	570.2405	529.875	122.5994	2.84298
1675	31.4583	551.9199	566.5802	530.75	122.5994	2.84148
1676	31.4753	531.8211	564.922	531.625	122.5994	2.83999
1677	31.4923	491.1914	563.0513	532.5	122.5994	2.83849
1678	31.5093	538.2658	559.1315	533.375	122.5994	2.837
1679	31.5263	582.6586	555.0241	534.25	122.5994	2.83551
1680	31.5433	523.5435	552.9885	535.125	122.5994	2.83402
1681	31.5603	569.8339	552.9436	536	122.5994	2.83253
1682	31.5773	504.7462	551.1993	535.0833	122.5994	2.83105
1683	31.5943	499.8644	548.6678	534.1667	122.5994	2.82956
1684	31.6113	523.5172	546.3199	533.25	122.5994	2.82808
1685	31.6283	565.7012	544.9308	532.3333	122.5994	2.8266
1686	31.6453	548.7658	544.5492	531.4167	122.5994	2.82512
1687	31.6623	564.1782	545.0158	530.5	122.5994	2.82364
1688	31.6793	596.8283	546.3394	529.5833	122.5994	2.82216
1689	31.6963	604.987	548.4908	528.6667	122.5994	2.82069
1690	31.7133	633.9954	551.0375	527.75	122.5994	2.81922
1691	31.7303	674.5923	552.9086	526.8333	122.5994	2.81774
1692	31.7473	693.3883	552.8757	525.9167	122.5994	2.81627
1693	31.7643	689.5722	550.9487	525	122.5994	2.81481
1694	31.7813	625.596	548.3442	524.0833	122.5994	2.81334
1695	31.7983	592.2053	545.9523	523.1667	122.5994	2.81187
1696	31.8153	588.86	543.7593	522.25	122.5994	2.81041
1697	31.8323	573.5901	541.489	521.3333	122.5994	2.80895
1698	31.8493	551.9278	539.0762	520.4167	122.5994	2.80749
1699	31.8663	528.7013	537.2142	519.5	122.5994	2.80603
1700	31.8833	529.5366	536.4086	518.5833	122.5994	2.80457
1701	31.9003	528.305	536.9844	517.6667	122.5994	2.80311
1702	31.9173	502.8469	539.2223	516.75	122.5994	2.80166
1703	31.9343	499.4359	543.195	515.8333	122.5994	2.80021
1704	31.9513	506.2595	549.0634	514.9167	122.5994	2.79876
1705	31.9683	512.2597	556.8398	514	122.5994	2.79731
1706	31.9853	531.0266	564.9209	512.2083	122.5994	2.79586
1707	32.0023	528.4148	574.8685	510.4167	122.5994	2.79441
1708	32.0193	524.4799	585.1713	508.625	122.5994	2.79297
1709	32.0363	527.8011	594.376	506.8333	122.5994	2.79152
1710	32.0533	554.288	600.7636	505.0417	122.5994	2.79008
1711	32.0703	539.3734	602.8635	503.25	122.5994	2.78864
1712	32.0873	544.9177	601.3434	501.4583	122.5994	2.7872
1713	32.1043	532.1186	596.5845	499.6667	122.5994	2.78577

1714	32.1213	536.8709	588.9737	497.875	122.5994	2.78433
1715	32.1383	514.1576	578.8116	496.0833	122.5994	2.7829
1716	32.1553	552.3092	566.9195	494.2917	122.5994	2.78147
1717	32.1723	518.6127	554.4219	492.5	122.5994	2.78003
1718	32.1893	550.111	542.2802	490.7083	122.5994	2.7786
1719	32.2063	473.6941	530.8453	488.9167	122.5994	2.77718
1720	32.2233	470.9528	520.6866	487.125	122.5994	2.77575
1721	32.2403	479.4989	511.9839	485.3333	122.5994	2.77433
1722	32.2573	458.9453	504.8721	483.5417	122.5994	2.7729
1723	32.2743	492.7927	499.2416	481.75	122.5994	2.77148
1724	32.2913	491.6283	495.0587	479.9583	122.5994	2.77006
1725	32.3083	473.9734	492.0763	478.1667	122.5994	2.76864
1726	32.3253	463.8139	490.1313	476.375	122.5994	2.76722
1727	32.3423	474.5982	489.0581	474.5833	122.5994	2.76581
1728	32.3593	470.9528	488.6487	472.7917	122.5994	2.76439
1729	32.3763	473.2064	488.5945	471	122.5994	2.76298
1730	32.3933	476.9877	488.3442	469.125	122.5994	2.76157
1731	32.4103	449.4999	487.4276	467.25	122.5994	2.76016
1732	32.4273	445.2871	485.5237	465.375	122.5994	2.75875
1733	32.4443	434.9237	482.7879	463.5	122.5994	2.75735
1734	32.4613	440.9577	479.598	461.625	122.5994	2.75594
1735	32.4783	448.8587	476.1708	459.75	122.5994	2.75454
1736	32.4953	465.1966	472.5066	457.875	122.5994	2.75313
1737	32.5123	447.4138	468.6067	456	122.5994	2.75173
1738	32.5293	444.1381	464.6276	454.125	122.5994	2.75033
1739	32.5463	477.0603	460.7869	452.25	122.5994	2.74894
1740	32.5633	464.8253	457.2234	450.375	122.5994	2.74754
1741	32.5803	462.2057	453.983	448.5	122.5994	2.74615
1742	32.5973	452.436	451.0808	446.625	122.5994	2.74475
1743	32.6143	433.0483	448.4175	444.75	122.5994	2.74336
1744	32.6313	454.3073	445.9658	442.875	122.5994	2.74197
1745	32.6483	498.0993	443.671	441	122.5994	2.74058
1746	32.6653	505.798	441.4866	439.125	122.5994	2.73919
1747	32.6823	469.7327	439.4198	437.25	122.5994	2.73781
1748	32.6993	452.6765	437.3634	435.375	122.5994	2.73642
1749	32.7163	465.8083	435.3416	433.5	122.5994	2.73504
1750	32.7333	476.4641	433.373	431.625	122.5994	2.73366
1751	32.7503	471.0365	431.3974	429.75	122.5994	2.73228
1752	32.7673	413.6473	428.9471	427.875	122.5994	2.7309
1753	32.7843	407.604	427.0312	426	122.5994	2.72952
1754	32.8013	422.0072	427.5017	426.5	122.5994	2.72815
1755	32.8183	452.4395	427.9833	427	122.5994	2.72677
1756	32.8353	439.6722	428.1878	427.5	122.5994	2.7254
1757	32.8523	410.2902	428.7106	428	122.5994	2.72403
1758	32.8693	413.7408	429.2436	428.5	122.5994	2.72266
1759	32.8863	426.3967	429.7958	429	122.5994	2.72129
1760	32.9033	439.0467	430.3779	429.5	122.5994	2.71992
1761	32.9203	466.9192	431.01	430	122.5994	2.71856
1762	32.9373	459.4423	431.7258	430.5	122.5994	2.71719

1763	32.9543	442.4547	432.5714	431	122.5994	2.71583
1764	32.9713	448.9357	433.5958	431.5	122.5994	2.71447
1765	32.9883	478.2004	434.8297	432	122.5994	2.71311
1766	33.0053	471.0522	436.1581	432.5	122.5994	2.71175
1767	33.0223	533.5334	437.6774	433	122.5994	2.71039
1768	33.0393	554.0217	439.0709	433.5	122.5994	2.70904
1769	33.0563	639.0078	440.1764	434	122.5994	2.70768
1770	33.0733	615.122	441.1481	434.5	122.5994	2.70633
1771	33.0903	607.3842	442.243	435	122.5994	2.70498
1772	33.1073	524.8428	443.6529	435.5	122.5994	2.70363
1773	33.1243	525.0468	445.0898	436	122.5994	2.70228
1774	33.1413	496.5823	446.1842	436.5	122.5994	2.70093
1775	33.1583	504.6076	446.8784	437	122.5994	2.69958
1776	33.1753	553.6268	447.355	437.5	122.5994	2.69824
1777	33.1923	514.0445	447.655	438	122.5994	2.6969
1778	33.2093	482.7305	447.81	438.5	122.5994	2.69556
1779	33.2263	447.2373	447.9789	439	122.5994	2.69422
1780	33.2433	434.1651	448.3391	439.5	122.5994	2.69288
1781	33.2603	414.9034	448.7854	440	122.5994	2.69154
1782	33.2773	421.4132	449.0624	440.5	122.5994	2.6902
1783	33.2943	431.0701	448.9724	441	122.5994	2.68887
1784	33.3113	427.1693	448.5244	441.5	122.5994	2.68753
1785	33.3283	462.049	448.0753	442	122.5994	2.6862
1786	33.3453	476.9708	447.82	442.5	122.5994	2.68487
1787	33.3623	457.7868	447.7609	443	122.5994	2.68354
1788	33.3793	443.6265	447.7895	443.5	122.5994	2.68221
1789	33.3963	472.5607	447.8031	444	122.5994	2.68089
1790	33.4133	446.5325	447.8503	444.5	122.5994	2.67956
1791	33.4303	440.3097	447.9703	445	122.5994	2.67824
1792	33.4473	448.2386	448.1806	445.5	122.5994	2.67692
1793	33.4643	454.4948	448.465	446	122.5994	2.6756
1794	33.4813	460.3708	448.8011	446.5	122.5994	2.67428
1795	33.4983	436.8227	449.1461	447	122.5994	2.67296
1796	33.5153	436.2254	449.5527	447.5	122.5994	2.67164
1797	33.5323	438.3635	449.9971	448	122.5994	2.67033
1798	33.5493	436.7681	450.5131	448.5	122.5994	2.66901
1799	33.5663	457.2869	451.1675	449	122.5994	2.6677
1800	33.5833	454.3984	452.0128	449.5	122.5994	2.66639
1801	33.6003	437.2458	453.037	450	122.5994	2.66508
1802	33.6173	448.4035	454.9093	451.2917	122.5994	2.66377
1803	33.6343	456.944	456.7696	452.5833	122.5994	2.66246
1804	33.6513	431.3459	458.7417	453.875	122.5994	2.66115
1805	33.6683	424.3193	461.0193	455.1667	122.5994	2.65985
1806	33.6853	410.7572	462.7934	456.4583	122.5994	2.65855
1807	33.7023	450.8518	464.0695	457.75	122.5994	2.65724
1808	33.7193	450.4201	465.0527	459.0417	122.5994	2.65594
1809	33.7363	404.9316	466.1168	460.3333	122.5994	2.65464
1810	33.7533	430.0845	467.4706	461.625	122.5994	2.65335
1811	33.7703	405.6557	469.0433	462.9167	122.5994	2.65205

1812	33.7873	427.6178	470.6465	464.2083	122.5994	2.65075
1813	33.8043	470.4215	472.3669	465.5	122.5994	2.64946
1814	33.8213	429.0631	474.2384	466.7917	122.5994	2.64817
1815	33.8383	495.507	476.3607	468.0833	122.5994	2.64687
1816	33.8553	436.7681	478.1622	469.375	122.5994	2.64558
1817	33.8723	436.8682	479.6874	470.6667	122.5994	2.6443
1818	33.8893	435.9771	480.9678	471.9583	122.5994	2.64301
1819	33.9063	434.4037	482.2211	473.25	122.5994	2.64172
1820	33.9233	484.6026	483.8416	474.5417	122.5994	2.64044
1821	33.9403	502.7186	486.1288	475.8333	122.5994	2.63915
1822	33.9573	451.9138	490.1562	477.125	122.5994	2.63787
1823	33.9743	522.5803	496.9966	478.4167	122.5994	2.63659
1824	33.9913	516.7146	506.1955	479.7083	122.5994	2.63531
1825	34.0083	457.9161	513.1893	481	122.5994	2.63403
1826	34.0253	459.062	513.6054	483.9583	122.5994	2.63275
1827	34.0423	473.7208	510.0053	486.9167	122.5994	2.63148
1828	34.0593	501.7119	509.3856	489.875	122.5994	2.6302
1829	34.0763	487.2925	513.1589	492.8333	122.5994	2.62893
1830	34.0933	473.3887	518.5031	495.7917	122.5994	2.62766
1831	34.1103	501.8269	520.6475	498.75	122.5994	2.62639
1832	34.1273	496.4209	519.8896	501.7083	122.5994	2.62512
1833	34.1443	488.3632	519.45	504.6667	122.5994	2.62385
1834	34.1613	480.7769	520.4731	507.625	122.5994	2.62258
1835	34.1783	483.0104	522.6362	510.5833	122.5994	2.62132
1836	34.1953	480.4507	525.1066	513.5417	122.5994	2.62005
1837	34.2123	486.6492	527.3627	516.5	122.5994	2.61879
1838	34.2293	510.711	529.4634	519.4583	122.5994	2.61753
1839	34.2463	508.3613	531.8273	522.4167	122.5994	2.61627
1840	34.2633	503.6494	534.5526	525.375	122.5994	2.61501
1841	34.2803	509.8099	537.5857	528.3333	122.5994	2.61375
1842	34.2973	504.2345	541.0387	531.2917	122.5994	2.61249
1843	34.3143	535.1332	544.8408	534.25	122.5994	2.61124
1844	34.3313	529.6329	548.087	537.2083	122.5994	2.60998
1845	34.3483	506.0951	551.4015	540.1667	122.5994	2.60873
1846	34.3653	498.7087	555.1371	543.125	122.5994	2.60748
1847	34.3823	530.029	559.739	546.0833	122.5994	2.60623
1848	34.3993	539.5183	565.4361	549.0417	122.5994	2.60498
1849	34.4163	552.4545	571.6876	552	122.5994	2.60373
1850	34.4333	564.3341	575.9282	552.2083	122.5994	2.60249
1851	34.4503	574.2127	580.659	552.4167	122.5994	2.60124
1852	34.4673	529.5247	585.5742	552.625	122.5994	2.6
1853	34.4843	500.782	590.1533	552.8333	122.5994	2.59875
1854	34.5013	599.6421	594.0298	553.0417	122.5994	2.59751
1855	34.5183	588.9182	596.7689	553.25	122.5994	2.59627
1856	34.5353	630.6716	597.9671	553.4583	122.5994	2.59503
1857	34.5523	620.9392	597.9153	553.6667	122.5994	2.5938
1858	34.5693	587.2426	596.7853	553.875	122.5994	2.59256
1859	34.5863	628.9421	595.0255	554.0833	122.5994	2.59132
1860	34.6033	595.4839	592.8467	554.2917	122.5994	2.59009

1861	34.6203	629.6476	590.254	554.5	122.5994	2.58886
1862	34.6373	617.0227	587.5799	554.7083	122.5994	2.58762
1863	34.6543	654.1784	585.2201	554.9167	122.5994	2.58639
1864	34.6713	569.2828	583.5344	555.125	122.5994	2.58516
1865	34.6883	649.1075	582.6077	555.3333	122.5994	2.58394
1866	34.7053	633.8285	582.3192	555.5417	122.5994	2.58271
1867	34.7223	599.3604	582.4167	555.75	122.5994	2.58148
1868	34.7393	647.5897	582.6841	555.9583	122.5994	2.58026
1869	34.7563	631.2756	583.0204	556.1667	122.5994	2.57904
1870	34.7733	618.1827	583.5646	556.375	122.5994	2.57781
1871	34.7903	627.7388	584.3682	556.5833	122.5994	2.57659
1872	34.8073	623.8124	585.8509	556.7917	122.5994	2.57537
1873	34.8243	637.944	588.3149	557	122.5994	2.57416
1874	34.8413	651.2423	590.7019	555.6458	122.5994	2.57294
1875	34.8583	684.2095	595.5614	554.2917	122.5994	2.57172
1876	34.8753	696.7917	604.6977	552.9375	122.5994	2.57051
1877	34.8923	667.843	620.0176	551.5833	122.5994	2.56929
1878	34.9093	699.4988	641.6511	550.2292	122.5994	2.56808
1879	34.9263	719.3263	663.9706	548.875	122.5994	2.56687
1880	34.9433	771.9868	675.8818	547.5208	122.5994	2.56566
1881	34.9603	751.3987	678.4882	546.1667	122.5994	2.56445
1882	34.9773	741.3257	681.1436	544.8125	122.5994	2.56325
1883	34.9943	753.8399	686.488	543.4583	122.5994	2.56204
1884	35.0113	742.5765	691.265	542.1042	122.5994	2.56083
1885	35.0283	730.8694	689.0624	540.75	122.5994	2.55963
1886	35.0453	724.1774	678.2189	539.3958	122.5994	2.55843
1887	35.0623	722.6933	664.1089	538.0417	122.5994	2.55723
1888	35.0793	728.0583	649.6441	536.6875	122.5994	2.55603
1889	35.0963	734.3396	635.2552	535.3333	122.5994	2.55483
1890	35.1133	700.2289	621.1443	533.9792	122.5994	2.55363
1891	35.1303	650.4064	607.5512	532.625	122.5994	2.55243
1892	35.1473	614.4461	595.1263	531.2708	122.5994	2.55124
1893	35.1643	644.4603	584.0345	529.9167	122.5994	2.55004
1894	35.1813	588.2778	574.3613	528.5625	122.5994	2.54885
1895	35.1983	601.8788	565.955	527.2083	122.5994	2.54766
1896	35.2153	562.7973	558.8834	525.8542	122.5994	2.54647
1897	35.2323	585.6326	552.9511	524.5	122.5994	2.54528
1898	35.2493	548.6706	548.5072	523.1458	122.5994	2.54409
1899	35.2663	515.1653	545.3419	521.7917	122.5994	2.5429
1900	35.2833	550.5352	543.1933	520.4375	122.5994	2.54171
1901	35.3003	569.4591	541.8765	519.0833	122.5994	2.54053
1902	35.3173	562.694	541.7126	517.7292	122.5994	2.53934
1903	35.3343	561.6361	541.9102	516.375	122.5994	2.53816
1904	35.3513	522.0723	542.4824	515.0208	122.5994	2.53698
1905	35.3683	524.3286	542.4336	513.6667	122.5994	2.5358
1906	35.3853	519.8425	540.0884	512.3125	122.5994	2.53462
1907	35.4023	533.107	536.0648	510.9583	122.5994	2.53344
1908	35.4193	489.1824	532.1906	509.6042	122.5994	2.53226
1909	35.4363	509.291	529.5632	508.25	122.5994	2.53109

1910	35.4533	483.9536	528.0302	506.8958	122.5994	2.52991
1911	35.4703	485.3422	526.4127	505.5417	122.5994	2.52874
1912	35.4873	496.7192	524.0505	504.1875	122.5994	2.52757
1913	35.5043	496.6642	521.6818	502.8333	122.5994	2.5264
1914	35.5213	513.3282	519.8063	501.4792	122.5994	2.52523
1915	35.5383	483.7113	517.971	500.125	122.5994	2.52406
1916	35.5553	504.4679	516.1061	498.7708	122.5994	2.52289
1917	35.5723	508.1967	514.038	497.4167	122.5994	2.52172
1918	35.5893	492.9086	511.9478	496.0625	122.5994	2.52056
1919	35.6063	518.5699	509.9908	494.7083	122.5994	2.51939
1920	35.6233	507.5679	508.1935	493.3542	122.5994	2.51823
1921	35.6403	482.9099	506.5359	492	122.5994	2.51707
1922	35.6573	476.6733	507.1155	492.6667	122.5994	2.51591
1923	35.6743	491.6215	507.9268	493.3333	122.5994	2.51475
1924	35.6913	497.2423	509.5349	494	122.5994	2.51359
1925	35.7083	495.5879	511.442	494.6667	122.5994	2.51243
1926	35.7253	492.7927	514.7054	495.3333	122.5994	2.51127
1927	35.7423	508.8329	518.7437	496	122.5994	2.51012
1928	35.7593	510.2013	522.7467	496.6667	122.5994	2.50896
1929	35.7763	481.998	525.5314	497.3333	122.5994	2.50781
1930	35.7933	484.1906	527.0735	498	122.5994	2.50666
1931	35.8103	490.4609	528.7172	498.6667	122.5994	2.50551
1932	35.8273	462.4932	530.7859	499.3333	122.5994	2.50436
1933	35.8443	483.2619	533.2231	500	122.5994	2.50321
1934	35.8613	507.2461	535.9782	500.6667	122.5994	2.50206
1935	35.8783	480.2663	539.0374	501.3333	122.5994	2.50091
1936	35.8953	485.9961	542.9972	502	122.5994	2.49977
1937	35.9123	465.9865	548.4034	502.6667	122.5994	2.49862
1938	35.9293	509.5151	555.43	503.3333	122.5994	2.49748
1939	35.9463	500.4167	564.0565	504	122.5994	2.49634
1940	35.9633	509.7611	573.8209	504.6667	122.5994	2.4952
1941	35.9803	533.4337	582.9557	505.3333	122.5994	2.49406
1942	35.9973	513.8987	588.8747	506	122.5994	2.49292
1943	36.0143	502.6787	589.8365	506.6667	122.5994	2.49178
1944	36.0313	501.8269	587.6284	507.3333	122.5994	2.49064
1945	36.0483	505.428	586.5476	508	122.5994	2.48951
1946	36.0653	521.6203	583.0505	508.2292	122.5994	2.48837
1947	36.0823	504.7584	579.087	508.4583	122.5994	2.48724
1948	36.0993	546.7553	573.6773	508.6875	122.5994	2.48611
1949	36.1163	510.2899	567.2473	508.9167	122.5994	2.48498
1950	36.1333	523.1846	560.952	509.1458	122.5994	2.48385
1951	36.1503	528.8718	556.7578	509.375	122.5994	2.48272
1952	36.1673	537.9884	552.4905	509.6042	122.5994	2.48159
1953	36.1843	519.7941	548.9607	509.8333	122.5994	2.48046
1954	36.2013	479.7509	545.9764	510.0625	122.5994	2.47934
1955	36.2183	488.4751	543.645	510.2917	122.5994	2.47821
1956	36.2353	489.8005	542.4144	510.5208	122.5994	2.47709
1957	36.2523	508.7949	541.9227	510.75	122.5994	2.47597
1958	36.2693	487.5302	541.3845	510.9792	122.5994	2.47485

1959	36.2863	480.1294	540.529	511.2083	122.5994	2.47372
1960	36.3033	484.728	540.2405	511.4375	122.5994	2.47261
1961	36.3203	484.6078	541.2086	511.6667	122.5994	2.47149
1962	36.3373	466.6222	543.6654	511.8958	122.5994	2.47037
1963	36.3543	478.9496	547.4269	512.125	122.5994	2.46925
1964	36.3713	527.6286	552.2011	512.3542	122.5994	2.46814
1965	36.3883	528.8995	558.2167	512.5833	122.5994	2.46702
1966	36.4053	500.4628	565.5741	512.8125	122.5994	2.46591
1967	36.4223	504.1457	573.8369	513.0417	122.5994	2.4648
1968	36.4393	539.453	582.9421	513.2708	122.5994	2.46369
1969	36.4563	579.2321	594.8696	513.5	122.5994	2.46258
1970	36.4733	592.0335	614.0682	513.7292	122.5994	2.46147
1971	36.4903	623.8204	647.7733	513.9583	122.5994	2.46036
1972	36.5073	681.6808	706.2736	514.1875	122.5994	2.45926
1973	36.5243	768.1116	799.0591	514.4167	122.5994	2.45815
1974	36.5413	883.8828	922.1915	514.6458	122.5994	2.45705
1975	36.5583	1066.679	1044.637	514.875	122.5994	2.45594
1976	36.5753	1179.749	1100.506	515.1042	122.5994	2.45484
1977	36.5923	1179.061	1054.623	515.3333	122.5994	2.45374
1978	36.6093	1008.869	965.4512	515.5625	122.5994	2.45264
1979	36.6263	854.2374	898.4993	515.7917	122.5994	2.45154
1980	36.6433	831.2607	873.1705	516.0208	122.5994	2.45044
1981	36.6603	855.1828	865.66	516.25	122.5994	2.44934
1982	36.6773	879.0477	832.5121	516.4792	122.5994	2.44825
1983	36.6943	839.0565	766.3081	516.7083	122.5994	2.44715
1984	36.7113	697.5567	694.6185	516.9375	122.5994	2.44606
1985	36.7283	612.6087	638.2835	517.1667	122.5994	2.44496
1986	36.7453	576.3283	602.671	517.3958	122.5994	2.44387
1987	36.7623	535.6482	586.3477	517.625	122.5994	2.44278
1988	36.7793	527.8148	585.067	517.8542	122.5994	2.44169
1989	36.7963	536.2259	592.0102	518.0833	122.5994	2.4406
1990	36.8133	530.8351	595.6789	518.3125	122.5994	2.43951
1991	36.8303	521.5826	587.0787	518.5417	122.5994	2.43843
1992	36.8473	500.8734	575.4664	518.7708	122.5994	2.43734
1993	36.8643	512.8458	570.5281	519	122.5994	2.43626
1994	36.8813	531.3979	571.7839	517.9583	122.5994	2.43517
1995	36.8983	546.1608	573.355	516.9167	122.5994	2.43409
1996	36.9153	534.7289	567.2969	515.875	122.5994	2.43301
1997	36.9323	555.6582	555.6176	514.8333	122.5994	2.43193
1998	36.9493	516.6939	545.7443	513.7917	122.5994	2.43085
1999	36.9663	528.8068	540.4133	512.75	122.5994	2.42977
2000	36.9833	511.2353	538.0914	511.7083	122.5994	2.42869
2001	37.0003	547.0543	536.114	510.6667	122.5994	2.42761
2002	37.0173	532.9357	534.3494	509.625	122.5994	2.42654
2003	37.0343	521.8845	533.9131	508.5833	122.5994	2.42546
2004	37.0513	550.3975	534.967	507.5417	122.5994	2.42439
2005	37.0683	579.4039	537.0983	506.5	122.5994	2.42331
2006	37.0853	599.0142	538.9442	505.4583	122.5994	2.42224
2007	37.1023	564.8565	539.663	504.4167	122.5994	2.42117

2008	37.1193	575.5245	538.6733	503.375	122.5994	2.4201
2009	37.1363	540.1585	536.7236	502.3333	122.5994	2.41903
2010	37.1533	492.7927	534.4802	501.2917	122.5994	2.41797
2011	37.1703	495.1164	532.6763	500.25	122.5994	2.4169
2012	37.1873	501.7119	531.4946	499.2083	122.5994	2.41583
2013	37.2043	516.3881	531.1562	498.1667	122.5994	2.41477
2014	37.2213	531.0074	528.7676	497.125	122.5994	2.4137
2015	37.2383	486.9039	527.9624	496.0833	122.5994	2.41264
2016	37.2553	494.4872	524.5934	495.0417	122.5994	2.41158
2017	37.2723	492.2344	520.3585	494	122.5994	2.41052
2018	37.2893	498.2263	516.8945	492.7917	122.5994	2.40946
2019	37.3063	499.3559	514.6841	491.5833	122.5994	2.4084
2020	37.3233	490.4388	513.0929	490.375	122.5994	2.40734
2021	37.3403	513.2615	510.8552	489.1667	122.5994	2.40628
2022	37.3573	508.5265	507.6765	487.9583	122.5994	2.40523
2023	37.3743	490.6256	504.7292	486.75	122.5994	2.40417
2024	37.3913	498.7185	502.6677	485.5417	122.5994	2.40312
2025	37.4083	500.1188	501.2694	484.3333	122.5994	2.40207
2026	37.4253	517.6622	499.5303	483.125	122.5994	2.40101
2027	37.4423	518.4916	496.9264	481.9167	122.5994	2.39996
2028	37.4593	512.9205	494.4852	480.7083	122.5994	2.39891
2029	37.4763	525.6068	493.0002	479.5	122.5994	2.39786
2030	37.4933	508.134	492.557	478.2917	122.5994	2.39682
2031	37.5103	497.3563	492.6645	477.0833	122.5994	2.39577
2032	37.5273	525.8867	492.4382	475.875	122.5994	2.39472
2033	37.5443	525.0427	491.838	474.6667	122.5994	2.39368
2034	37.5613	533.4533	491.145	473.4583	122.5994	2.39263
2035	37.5783	524.2502	490.7287	472.25	122.5994	2.39159
2036	37.5953	516.2155	491.26	471.0417	122.5994	2.39055
2037	37.6123	500.7136	492.7903	469.8333	122.5994	2.38951
2038	37.6293	508.519	495.2714	468.625	122.5994	2.38847
2039	37.6463	514.5621	497.2341	467.4167	122.5994	2.38743
2040	37.6633	547.5795	497.2042	466.2083	122.5994	2.38639
2041	37.6803	543.8367	495.5663	465	122.5994	2.38535
2042	37.6973	521.756	494.3051	463.7917	122.5994	2.38431
2043	37.7143	528.4855	494.9803	462.5833	122.5994	2.38328
2044	37.7313	546.7239	497.0168	461.375	122.5994	2.38224
2045	37.7483	524.9614	498.707	460.1667	122.5994	2.38121
2046	37.7653	561.7691	499.0886	458.9583	122.5994	2.38018
2047	37.7823	565.8603	497.8541	457.75	122.5994	2.37914
2048	37.7993	541.83	494.8507	456.5417	122.5994	2.37811
2049	37.8163	520.5082	489.717	455.3333	122.5994	2.37708
2050	37.8333	528.9493	484.2354	454.125	122.5994	2.37605
2051	37.8503	530.0726	479.6068	452.9167	122.5994	2.37503
2052	37.8673	531.1442	475.8941	451.7083	122.5994	2.374
2053	37.8843	486.7555	472.4959	450.5	122.5994	2.37297
2054	37.9013	494.1371	468.5131	449.2917	122.5994	2.37195
2055	37.9183	466.429	463.7898	448.0833	122.5994	2.37092
2056	37.9353	496.0983	459.3723	446.875	122.5994	2.3699

2057	37.9523	472.1102	455.6882	445.6667	122.5994	2.36888
2058	37.9693	464.5501	452.7565	444.4583	122.5994	2.36786
2059	37.9863	466.0202	450.321	443.25	122.5994	2.36684
2060	38.0033	458.8395	448.6093	442.0417	122.5994	2.36582
2061	38.0203	458.5762	447.0816	440.8333	122.5994	2.3648
2062	38.0373	445.7944	445.9287	439.625	122.5994	2.36378
2063	38.0543	458.4577	445.1628	438.4167	122.5994	2.36276
2064	38.0713	431.9368	444.8975	437.2083	122.5994	2.36175
2065	38.0883	419.3894	445.3107	436	122.5994	2.36073
2066	38.1053	441.1604	447.4899	435.7917	122.5994	2.35972
2067	38.1223	454.5606	450.5805	435.5833	122.5994	2.3587
2068	38.1393	422.4676	454.5936	435.375	122.5994	2.35769
2069	38.1563	412.1608	459.3474	435.1667	122.5994	2.35668
2070	38.1733	418.8733	464.3657	434.9583	122.5994	2.35567
2071	38.1903	446.2381	468.7723	434.75	122.5994	2.35466
2072	38.2073	450.7747	471.5428	434.5417	122.5994	2.35365
2073	38.2243	440.3826	471.9825	434.3333	122.5994	2.35264
2074	38.2413	407.3812	470.655	434.125	122.5994	2.35164
2075	38.2583	439.8776	468.5189	433.9167	122.5994	2.35063
2076	38.2753	438.1187	466.4183	433.7083	122.5994	2.34963
2077	38.2923	409.4593	464.2952	433.5	122.5994	2.34862
2078	38.3093	415.1658	461.747	433.2917	122.5994	2.34762
2079	38.3263	405.8172	458.5221	433.0833	122.5994	2.34662
2080	38.3433	430.0813	454.9805	432.875	122.5994	2.34562
2081	38.3603	437.7992	451.6778	432.6667	122.5994	2.34462
2082	38.3773	436.8682	449.1566	432.4583	122.5994	2.34362
2083	38.3943	423.5718	447.6031	432.25	122.5994	2.34262
2084	38.4113	416.8628	447.0542	432.0417	122.5994	2.34162
2085	38.4283	409.3951	447.4521	431.8333	122.5994	2.34062
2086	38.4453	414.9952	448.7198	431.625	122.5994	2.33963
2087	38.4623	434.4498	450.5227	431.4167	122.5994	2.33863
2088	38.4793	459.7771	452.9915	431.2083	122.5994	2.33764
2089	38.4963	427.2221	455.7333	431	122.5994	2.33664
2090	38.5133	401.2379	457.4857	429.625	122.5994	2.33565
2091	38.5303	431.5875	459.3325	428.25	122.5994	2.33466
2092	38.5473	404.3374	460.9652	426.875	122.5994	2.33367
2093	38.5643	407.9484	461.6257	425.5	122.5994	2.33268
2094	38.5813	395.8388	460.753	424.125	122.5994	2.33169
2095	38.5983	395.0274	457.9755	422.75	122.5994	2.3307
2096	38.6153	443.2548	453.7611	421.375	122.5994	2.32972
2097	38.6323	418.6174	449.1507	420	122.5994	2.32873
2098	38.6493	408.4913	444.973	418.625	122.5994	2.32775
2099	38.6663	439.778	441.4203	417.25	122.5994	2.32676
2100	38.6833	432.0222	438.607	415.875	122.5994	2.32578
2101	38.7003	424.6823	436.9684	414.5	122.5994	2.3248
2102	38.7173	405.5274	436.8741	413.125	122.5994	2.32381
2103	38.7343	399.717	437.2628	411.75	122.5994	2.32283
2104	38.7513	413.0626	434.4771	410.375	122.5994	2.32185
2105	38.7683	418.4321	427.7296	409	122.5994	2.32087

2106	38.7853	426.7349	421.4594	407.625	122.5994	2.3199
2107	38.8023	430.1028	417.7697	406.25	122.5994	2.31892
2108	38.8193	421.5738	417.0844	404.875	122.5994	2.31794
2109	38.8363	410.3633	418.0055	403.5	122.5994	2.31697
2110	38.8533	407.7055	417.7816	402.125	122.5994	2.31599
2111	38.8703	407.3681	414.8912	400.75	122.5994	2.31502
2112	38.8873	389.8045	410.5486	399.375	122.5994	2.31405
2113	38.9043	392.0024	406.0373	398	122.5994	2.31307
2114	38.9213	405.0861	404.6846	398.5833	122.5994	2.3121
2115	38.9383	408.5388	404.6094	399.1667	122.5994	2.31113
2116	38.9553	408.2584	405.3388	399.75	122.5994	2.31016
2117	38.9723	405.3966	405.937	400.3333	122.5994	2.30919
2118	38.9893	407.5161	405.8938	400.9167	122.5994	2.30823
2119	39.0063	422.6552	405.507	401.5	122.5994	2.30726
2120	39.0233	402.811	405.3201	402.0833	122.5994	2.30629
2121	39.0403	412.8755	405.4704	402.6667	122.5994	2.30533
2122	39.0573	433.8393	405.8584	403.25	122.5994	2.30436
2123	39.0743	415.2023	406.364	403.8333	122.5994	2.3034
2124	39.0913	409.5513	411.2547	404.4167	122.5994	2.30244
2125	39.1083	412.0505	412.3493	405	122.5994	2.30148
2126	39.1253	397.5747	413.5731	405.5833	122.5994	2.30052
2127	39.1423	422.2838	414.9339	406.1667	122.5994	2.29956
2128	39.1593	423.1195	416.2654	406.75	122.5994	2.2986
2129	39.1763	413.8865	417.9648	407.3333	122.5994	2.29764
2130	39.1933	408.7776	419.8972	407.9167	122.5994	2.29668
2131	39.2103	435.4438	422.1381	408.5	122.5994	2.29572
2132	39.2273	406.0587	424.8611	409.0833	122.5994	2.29477
2133	39.2443	432.0826	428.3164	409.6667	122.5994	2.29381
2134	39.2613	448.1628	432.636	410.25	122.5994	2.29286
2135	39.2783	415.196	438.276	410.8333	122.5994	2.29191
2136	39.2953	415.9599	445.1783	411.4167	122.5994	2.29095
2137	39.3123	389.2078	453.3705	412	122.5994	2.29
2138	39.3293	407.7008	462.9489	413.0417	122.5994	2.28905
2139	39.3463	483.9012	472.8623	414.0833	122.5994	2.2881
2140	39.3633	453.6511	482.6483	415.125	122.5994	2.28715
2141	39.3803	452.5507	493.345	416.1667	122.5994	2.2862
2142	39.3973	522.0629	509.0211	417.2083	122.5994	2.28526
2143	39.4143	553.0265	538.0085	418.25	122.5994	2.28431
2144	39.4313	569.1028	591.5664	419.2917	122.5994	2.28336
2145	39.4483	646.6237	678.8835	420.3333	122.5994	2.28242
2146	39.4653	763.8427	797.5302	421.375	122.5994	2.28148
2147	39.4823	826.0747	919.4674	422.4167	122.5994	2.28053
2148	39.4993	938.6998	981.5979	423.4583	122.5994	2.27959
2149	39.5163	981.9017	940.3725	424.5	122.5994	2.27865
2150	39.5333	796.5072	846.0867	425.5417	122.5994	2.27771
2151	39.5503	692.9934	769.3258	426.5833	122.5994	2.27677
2152	39.5673	685.3396	738.9224	427.625	122.5994	2.27583
2153	39.5843	666.3047	744.2171	428.6667	122.5994	2.27489
2154	39.6013	705.6508	744.5082	429.7083	122.5994	2.27395

2155	39.6183	701.6993	705.2711	430.75	122.5994	2.27302
2156	39.6353	600.8994	640.5249	431.7917	122.5994	2.27208
2157	39.6523	504.2435	577.1537	432.8333	122.5994	2.27115
2158	39.6693	454.4182	529.3038	433.875	122.5994	2.27021
2159	39.6863	436.884	499.5421	434.9167	122.5994	2.26928
2160	39.7033	437.3157	483.9083	435.9583	122.5994	2.26835
2161	39.7203	462.1084	476.7133	437	122.5994	2.26741
2162	39.7373	443.5136	473.0099	437.7083	122.5994	2.26648
2163	39.7543	415.9819	470.1285	438.4167	122.5994	2.26555
2164	39.7713	427.7494	467.6217	439.125	122.5994	2.26462
2165	39.7883	462.6248	465.6484	439.8333	122.5994	2.2637
2166	39.8053	462.09	464.6075	440.5417	122.5994	2.26277
2167	39.8223	414.713	464.1889	441.25	122.5994	2.26184
2168	39.8393	449.539	463.7877	441.9583	122.5994	2.26092
2169	39.8563	437.5158	463.136	442.6667	122.5994	2.25999
2170	39.8733	437.0279	462.4234	443.375	122.5994	2.25907
2171	39.8903	429.3475	461.8232	444.0833	122.5994	2.25814
2172	39.9073	444.0126	461.358	444.7917	122.5994	2.25722
2173	39.9243	438.3112	461.1339	445.5	122.5994	2.2563
2174	39.9413	451.712	461.2207	446.2083	122.5994	2.25538
2175	39.9583	431.8324	461.3958	446.9167	122.5994	2.25446
2176	39.9753	444.4291	462.1511	447.625	122.5994	2.25354
2177	39.9923	439.0483	463.2512	448.3333	122.5994	2.25262
2178	40.0093	447.4903	464.5982	449.0417	122.5994	2.2517
2179	40.0263	442.1179	466.1734	449.75	122.5994	2.25078
2180	40.0433	452.2779	467.9199	450.4583	122.5994	2.24987
2181	40.0603	449.7981	466.5843	451.1667	122.5994	2.24895
2182	40.0773	445.476	468.3369	451.875	122.5994	2.24804
2183	40.0943	437.3013	469.952	452.5833	122.5994	2.24712
2184	40.1113	432.7232	471.6243	453.2917	122.5994	2.24621
2185	40.1283	449.3574	473.7109	454	122.5994	2.2453
2186	40.1453	475.3081	474.433	452.5	122.5994	2.24439
2187	40.1623	482.4306	476.3181	451	122.5994	2.24347
2188	40.1793	435.84	479.1144	449.5	122.5994	2.24256
2189	40.1963	422.9041	481.3858	448	122.5994	2.24166
2190	40.2133	455.3512	482.4704	446.5	122.5994	2.24075
2191	40.2303	476.8641	485.8755	445	122.5994	2.23984
2192	40.2473	519.1432	496.6398	443.5	122.5994	2.23893
2193	40.2643	528.3403	518.6974	442	122.5994	2.23803
2194	40.2813	600.9303	552.8763	440.5	122.5994	2.23712
2195	40.2983	634.4078	593.4117	439	122.5994	2.23622
2196	40.3153	674.4681	623.3907	437.5	122.5994	2.23531
2197	40.3323	690.3226	622.0928	436	122.5994	2.23441
2198	40.3493	674.5239	593.3628	434.5	122.5994	2.23351
2199	40.3663	589.0391	561.741	433	122.5994	2.23261
2200	40.3833	560.1498	542.9009	431.5	122.5994	2.23171
2201	40.4003	549.1914	538.8198	430	122.5994	2.23081
2202	40.4173	552.1493	540.5694	428.5	122.5994	2.22991
2203	40.4343	566.0011	533.4044	427	122.5994	2.22901

2204	40.4513	524.4103	512.8798	425.5	122.5994	2.22811
2205	40.4683	508.8087	488.2256	424	122.5994	2.22721
2206	40.4853	488.7172	467.3015	422.5	122.5994	2.22632
2207	40.5023	456.5904	452.5013	421	122.5994	2.22542
2208	40.5193	431.1361	443.0437	419.5	122.5994	2.22453
2209	40.5363	403.8687	436.7913	418	122.5994	2.22363
2210	40.5533	411.2974	434.5714	419.2917	122.5994	2.22274
2211	40.5703	419.5107	432.9774	420.5833	122.5994	2.22185
2212	40.5873	409.7322	432.1186	421.875	122.5994	2.22096
2213	40.6043	403.318	431.9521	423.1667	122.5994	2.22007
2214	40.6213	407.403	432.3526	424.4583	122.5994	2.21918
2215	40.6383	419.9627	433.0182	425.75	122.5994	2.21829
2216	40.6553	438.0504	433.6928	427.0417	122.5994	2.2174
2217	40.6723	450.9336	434.2135	428.3333	122.5994	2.21651
2218	40.6893	444.8467	434.8967	429.625	122.5994	2.21563
2219	40.7063	431.9123	435.7876	430.9167	122.5994	2.21474
2220	40.7233	428.5471	436.878	432.2083	122.5994	2.21385
2221	40.7403	447.7552	438.093	433.5	122.5994	2.21297
2222	40.7573	474.1696	439.4475	434.7917	122.5994	2.21209
2223	40.7743	472.5078	440.9196	436.0833	122.5994	2.2112
2224	40.7913	507.7241	442.6065	437.375	122.5994	2.21032
2225	40.8083	481.2255	444.5048	438.6667	122.5994	2.20944
2226	40.8253	463.8453	446.6099	439.9583	122.5994	2.20856
2227	40.8423	428.3874	448.8899	441.25	122.5994	2.20768
2228	40.8593	474.97	451.2632	442.5417	122.5994	2.2068
2229	40.8763	455.2465	453.6615	443.8333	122.5994	2.20592
2230	40.8933	499.8892	456.001	445.125	122.5994	2.20504
2231	40.9103	484.285	458.1259	446.4167	122.5994	2.20417
2232	40.9273	436.8034	459.9471	447.7083	122.5994	2.20329
2233	40.9443	449.0892	461.4634	449	122.5994	2.20241
2234	40.9613	433.564	460.7885	448.875	122.5994	2.20154
2235	40.9783	452.7926	460.3463	448.75	122.5994	2.20066
2236	40.9953	439.5789	459.7319	448.625	122.5994	2.19979
2237	41.0123	420.7525	459.0271	448.5	122.5994	2.19892
2238	41.0293	398.0023	458.2845	448.375	122.5994	2.19805
2239	41.0463	444.0084	457.5683	448.25	122.5994	2.19718
2240	41.0633	478.6539	456.8947	448.125	122.5994	2.19631
2241	41.0803	449.6142	456.2844	448	122.5994	2.19544
2242	41.0973	430.7941	455.5146	447.875	122.5994	2.19457
2243	41.1143	418.5807	455.0646	447.75	122.5994	2.1937
2244	41.1313	416.2082	454.6669	447.625	122.5994	2.19283
2245	41.1483	465.9831	454.3602	447.5	122.5994	2.19196
2246	41.1653	462.2415	454.3079	447.375	122.5994	2.1911
2247	41.1823	436.6898	454.7476	447.25	122.5994	2.19023
2248	41.1993	442.3535	455.932	447.125	122.5994	2.18937
2249	41.2163	452.542	458.1012	447	122.5994	2.18851
2250	41.2333	454.9159	461.0674	446.875	122.5994	2.18764
2251	41.2503	433.3257	464.5695	446.75	122.5994	2.18678
2252	41.2673	461.6402	469.1009	446.625	122.5994	2.18592

2253	41.2843	484.6688	472.9543	446.5	122.5994	2.18506
2254	41.3013	481.1772	472.6246	446.375	122.5994	2.1842
2255	41.3183	441.207	469.0318	446.25	122.5994	2.18334
2256	41.3353	445.9764	465.3344	446.125	122.5994	2.18248
2257	41.3523	441.8196	463.2426	446	122.5994	2.18162
2258	41.3693	455.3835	462.3647	445.2917	122.5994	2.18076
2259	41.3863	442.5302	462.4897	444.5833	122.5994	2.17991
2260	41.4033	421.1791	461.0384	443.875	122.5994	2.17905
2261	41.4203	421.7434	457.5663	443.1667	122.5994	2.1782
2262	41.4373	425.6487	453.4929	442.4583	122.5994	2.17734
2263	41.4543	436.8282	450.054	441.75	122.5994	2.17649
2264	41.4713	440.9577	447.4828	441.0417	122.5994	2.17564
2265	41.4883	417.5623	445.58	440.3333	122.5994	2.17478
2266	41.5053	396.2521	443.9509	439.625	122.5994	2.17393
2267	41.5223	407.249	442.5063	438.9167	122.5994	2.17308
2268	41.5393	390.3386	441.2018	438.2083	122.5994	2.17223
2269	41.5563	416.3318	440.041	437.5	122.5994	2.17138
2270	41.5733	424.3193	438.9611	436.7917	122.5994	2.17053
2271	41.5903	390.4766	437.9706	436.0833	122.5994	2.16969
2272	41.6073	404.8318	437.0206	435.375	122.5994	2.16884
2273	41.6243	411.5848	436.1655	434.6667	122.5994	2.16799
2274	41.6413	419.5426	435.3571	433.9583	122.5994	2.16715
2275	41.6583	394.0308	434.5677	433.25	122.5994	2.1663
2276	41.6753	388.3411	433.8258	432.5417	122.5994	2.16546
2277	41.6923	407.4256	433.1066	431.8333	122.5994	2.16461
2278	41.7093	428.2973	432.3895	431.125	122.5994	2.16377
2279	41.7263	424.6121	431.7079	430.4167	122.5994	2.16293
2280	41.7433	444.6726	431.2853	429.7083	122.5994	2.16209
2281	41.7603	427.7447	430.6189	429	122.5994	2.16124
2282	41.7773	416.4413	431.1773	429.4583	122.5994	2.1604
2283	41.7943	421.5473	431.7641	429.9167	122.5994	2.15957
2284	41.8113	430.5945	432.3896	430.375	122.5994	2.15873
2285	41.8283	417.3901	433.0113	430.8333	122.5994	2.15789
2286	41.8453	429.1492	434.7267	431.2917	122.5994	2.15705
2287	41.8623	453.7505	435.718	431.75	122.5994	2.15621
2288	41.8793	458.1233	436.9449	432.2083	122.5994	2.15538
2289	41.8963	468.3126	438.4546	432.6667	122.5994	2.15454
2290	41.9133	444.2134	440.2042	433.125	122.5994	2.15371
2291	41.9303	440.9577	442.1453	433.5833	122.5994	2.15287
2292	41.9473	441.0588	444.4506	434.0417	122.5994	2.15204
2293	41.9643	431.8423	447.3428	434.5	122.5994	2.15121
2294	41.9813	420.3743	451.0217	434.9583	122.5994	2.15038
2295	41.9983	445.9852	455.4062	435.4167	122.5994	2.14955
2296	42.0153	458.9546	459.7172	435.875	122.5994	2.14872
2297	42.0323	448.6562	462.3983	436.3333	122.5994	2.14789
2298	42.0493	440.9577	464.0428	436.7917	122.5994	2.14706
2299	42.0663	448.5977	464.8042	437.25	122.5994	2.14623
2300	42.0833	453.9463	465.5398	437.7083	122.5994	2.1454
2301	42.1003	443.2416	466.3509	438.1667	122.5994	2.14457

2302	42.1173	434.7457	467.1464	438.625	122.5994	2.14375
2303	42.1343	426.0266	467.3948	439.0833	122.5994	2.14292
2304	42.1513	429.4483	466.8123	439.5417	122.5994	2.1421
2305	42.1683	448.8975	466.0035	440	122.5994	2.14127
2306	42.1853	447.8263	464.3688	439.4583	122.5994	2.14045
2307	42.2023	441.0588	463.0108	438.9167	122.5994	2.13963
2308	42.2193	443.6436	461.9544	438.375	122.5994	2.1388
2309	42.2363	453.6797	461.2613	437.8333	122.5994	2.13798
2310	42.2533	443.5118	461.0526	437.2917	122.5994	2.13716
2311	42.2703	454.745	461.5463	436.75	122.5994	2.13634
2312	42.2873	456.0072	463.0155	436.2083	122.5994	2.13552
2313	42.3043	492.8323	465.6941	435.6667	122.5994	2.1347
2314	42.3213	472.561	469.7465	435.125	122.5994	2.13388
2315	42.3383	472.4498	475.4283	434.5833	122.5994	2.13307
2316	42.3553	493.1697	483.1195	434.0417	122.5994	2.13225
2317	42.3723	497.2423	494.1912	433.5	122.5994	2.13143
2318	42.3893	536.2683	512.2856	432.9583	122.5994	2.13062
2319	42.4063	555.1457	543.0889	432.4167	122.5994	2.1298
2320	42.4233	658.936	591.9911	431.875	122.5994	2.12899
2321	42.4403	714.4318	658.2339	431.3333	122.5994	2.12818
2322	42.4573	822.615	728.9049	430.7917	122.5994	2.12736
2323	42.4743	903.1262	781.6884	430.25	122.5994	2.12655
2324	42.4913	996.8362	784.6705	429.7083	122.5994	2.12574
2325	42.5083	893.554	735.7527	429.1667	122.5994	2.12493
2326	42.5253	743.3351	676.0267	428.625	122.5994	2.12412
2327	42.5423	669.9344	637.0837	428.0833	122.5994	2.12331
2328	42.5593	652.6615	625.2312	427.5417	122.5994	2.1225
2329	42.5763	685.1247	629.9288	427	122.5994	2.12169
2330	42.5933	671.324	631.0027	426.4583	122.5994	2.12089
2331	42.6103	665.8719	608.9054	425.9167	122.5994	2.12008
2332	42.6273	583.7355	568.1536	425.375	122.5994	2.11927
2333	42.6443	495.1518	525.2828	424.8333	122.5994	2.11847
2334	42.6613	500.1909	491.5795	424.2917	122.5994	2.11766
2335	42.6783	474.2418	469.4597	423.75	122.5994	2.11686
2336	42.6953	461.6492	456.7256	423.2083	122.5994	2.11605
2337	42.7123	437.1002	450.0409	422.6667	122.5994	2.11525
2338	42.7293	445.8166	446.156	422.125	122.5994	2.11445
2339	42.7463	425.6365	442.3148	421.5833	122.5994	2.11365
2340	42.7633	409.265	438.1422	421.0417	122.5994	2.11285
2341	42.7803	434.369	434.6312	420.5	122.5994	2.11205
2342	42.7973	429.939	431.7514	419.9583	122.5994	2.11125
2343	42.8143	415.1667	429.3762	419.4167	122.5994	2.11045
2344	42.8313	441.3847	427.4137	418.875	122.5994	2.10965
2345	42.8483	448.1377	425.8088	418.3333	122.5994	2.10885
2346	42.8653	429.7378	424.4883	417.7917	122.5994	2.10805
2347	42.8823	422.0037	423.3206	417.25	122.5994	2.10726
2348	42.8993	414.2438	422.3751	416.7083	122.5994	2.10646
2349	42.9163	406.3431	421.551	416.1667	122.5994	2.10567
2350	42.9333	396.9217	420.7976	415.625	122.5994	2.10487

2351	42.9503	413.8699	420.1518	415.0833	122.5994	2.10408
2352	42.9673	419.9452	419.5437	414.5417	122.5994	2.10329
2353	42.9843	425.5402	418.9134	414	122.5994	2.10249
2354	43.0013	411.1535	418.1317	413.3333	122.5994	2.1017
2355	43.0183	383.2147	417.2639	412.6667	122.5994	2.10091
2356	43.0353	394.9599	416.4203	412	122.5994	2.10012
2357	43.0523	412.3827	415.7623	411.3333	122.5994	2.09933
2358	43.0693	387.8004	415.1423	410.6667	122.5994	2.09854
2359	43.0863	376.3239	414.5596	410	122.5994	2.09775
2360	43.1033	385.29	413.8643	409.3333	122.5994	2.09696
2361	43.1203	391.1276	412.062	408.6667	122.5994	2.09618
2362	43.1373	373.2857	411.4651	408	122.5994	2.09539
2363	43.1543	397.7459	411.0804	407.3333	122.5994	2.0946
2364	43.1713	393.8814	410.8847	406.6667	122.5994	2.09382
2365	43.1883	385.2794	410.8339	406	122.5994	2.09303
2366	43.2053	419.7403	410.7935	405.3333	122.5994	2.09225
2367	43.2223	413.1853	410.5967	404.6667	122.5994	2.09147
2368	43.2393	400.9125	409.638	404	122.5994	2.09068
2369	43.2563	407.6036	408.9446	403.3333	122.5994	2.0899
2370	43.2733	419.9642	408.0603	402.6667	122.5994	2.08912
2371	43.2903	380.4674	407.1588	402	122.5994	2.08834
2372	43.3073	392.1227	406.4644	401.3333	122.5994	2.08756
2373	43.3243	398.2607	406.1185	400.6667	122.5994	2.08678
2374	43.3413	357.3742	406.3516	400	122.5994	2.086
2375	43.3583	416.7159	407.1045	399.3333	122.5994	2.08522
2376	43.3753	380.8541	407.5919	398.6667	122.5994	2.08444
2377	43.3923	416.7491	406.4148	398	122.5994	2.08367
2378	43.4093	390.8669	404.8868	398.3333	122.5994	2.08289
2379	43.4263	387.5012	403.568	398.6667	122.5994	2.08211
2380	43.4433	400.2561	403.1466	399	122.5994	2.08134
2381	43.4603	386.6856	403.6774	399.3333	122.5994	2.08056
2382	43.4773	393.2438	404.8643	399.6667	122.5994	2.07979
2383	43.4943	382.2465	406.0779	400	122.5994	2.07902
2384	43.5113	380.6093	406.8872	400.3333	122.5994	2.07824
2385	43.5283	395.5302	408.3307	400.6667	122.5994	2.07747
2386	43.5453	401.5329	411.916	401	122.5994	2.0767
2387	43.5623	400.0357	418.2338	401.3333	122.5994	2.07593
2388	43.5793	402.3433	425.3831	401.6667	122.5994	2.07516
2389	43.5963	396.5613	427.7249	402	122.5994	2.07439
2390	43.6133	386.6691	423.2302	402.3333	122.5994	2.07362
2391	43.6303	380.9899	417.5181	402.6667	122.5994	2.07285
2392	43.6473	385.3636	414.5695	403	122.5994	2.07208
2393	43.6643	390.5455	415.0852	403.3333	122.5994	2.07131
2394	43.6813	410.6459	418.136	403.6667	122.5994	2.07055
2395	43.6983	388.0729	421.4088	404	122.5994	2.06978
2396	43.7153	394.6733	421.5315	404.3333	122.5994	2.06902
2397	43.7323	395.1689	418.765	404.6667	122.5994	2.06825
2398	43.7493	416.1344	415.8494	405	122.5994	2.06749
2399	43.7663	412.452	414.0139	405.3333	122.5994	2.06672

2400	43.7833	421.2622	413.1895	405.6667	122.5994	2.06596
2401	43.8003	405.6335	412.9756	406	122.5994	2.0652
2402	43.8173	393.3745	412.4633	405.7083	122.5994	2.06444
2403	43.8343	390.5696	412.1098	405.4167	122.5994	2.06367
2404	43.8513	393.6248	411.9174	405.125	122.5994	2.06291
2405	43.8683	401.8643	411.8155	404.8333	122.5994	2.06215
2406	43.8853	406.9801	411.8385	404.5417	122.5994	2.06139
2407	43.9023	363.2663	411.9431	404.25	122.5994	2.06064
2408	43.9193	389.3854	412.1907	403.9583	122.5994	2.05988
2409	43.9363	387.1138	412.5444	403.6667	122.5994	2.05912
2410	43.9533	397.402	413.0026	403.375	122.5994	2.05836
2411	43.9703	396.5535	413.3198	403.0833	122.5994	2.05761
2412	43.9873	385.6843	413.3705	402.7917	122.5994	2.05685
2413	44.0043	384.1232	413.2184	402.5	122.5994	2.0561
2414	44.0213	406.1544	412.7715	402.2083	122.5994	2.05534
2415	44.0383	427.2303	412.151	401.9167	122.5994	2.05459
2416	44.0553	408.7815	411.7099	401.625	122.5994	2.05383
2417	44.0723	392.3603	411.6359	401.3333	122.5994	2.05308
2418	44.0893	380.418	411.9235	401.0417	122.5994	2.05233
2419	44.1063	404.3993	412.552	400.75	122.5994	2.05158
2420	44.1233	418.2986	413.4684	400.4583	122.5994	2.05083
2421	44.1403	381.3949	414.4498	400.1667	122.5994	2.05008
2422	44.1573	398.1741	415.2083	399.875	122.5994	2.04933
2423	44.1743	411.5313	415.5492	399.5833	122.5994	2.04858
2424	44.1913	351.5699	415.1076	399.2917	122.5994	2.04783
2425	44.2083	415.3418	413.9161	399	122.5994	2.04708
2426	44.2253	424.0182	412.3192	398.6667	122.5994	2.04633
2427	44.2423	387.2659	410.763	398.3333	122.5994	2.04559
2428	44.2593	398.3017	409.4496	398	122.5994	2.04484
2429	44.2763	393.9246	408.3239	397.6667	122.5994	2.04409
2430	44.2933	397.9588	407.2459	397.3333	122.5994	2.04335
2431	44.3103	390.8784	406.0053	397	122.5994	2.0426
2432	44.3273	385.654	404.6104	396.6667	122.5994	2.04186
2433	44.3443	373.9941	403.2392	396.3333	122.5994	2.04112
2434	44.3613	390.3578	402.096	396	122.5994	2.04037
2435	44.3783	422.6389	401.3547	395.6667	122.5994	2.03963
2436	44.3953	387.213	401.118	395.3333	122.5994	2.03889
2437	44.4123	397.0449	401.283	395	122.5994	2.03815
2438	44.4293	398.7622	401.3212	394.6667	122.5994	2.03741
2439	44.4463	397.4679	400.5352	394.3333	122.5994	2.03667
2440	44.4633	372.7626	399.1698	394	122.5994	2.03593
2441	44.4803	369.2271	398.0958	393.6667	122.5994	2.03519
2442	44.4973	402.1438	397.6486	393.3333	122.5994	2.03445
2443	44.5143	380.6281	397.761	393	122.5994	2.03372
2444	44.5313	371.9126	398.1369	392.6667	122.5994	2.03298
2445	44.5483	391.7832	398.262	392.3333	122.5994	2.03224
2446	44.5653	395.1281	397.6842	392	122.5994	2.03151
2447	44.5823	384.6778	396.6123	391.6667	122.5994	2.03077
2448	44.5993	377.6839	395.529	391.3333	122.5994	2.03004

2449	44.6163	386.9463	394.6344	391	122.5994	2.0293
2450	44.6333	392.0024	396.504	393.25	122.5994	2.02857
2451	44.6503	439.1212	398.5463	395.5	122.5994	2.02784
2452	44.6673	424.2407	400.5796	397.75	122.5994	2.0271
2453	44.6843	430.7847	402.5321	400	122.5994	2.02637
2454	44.7013	430.3827	404.4751	402.25	122.5994	2.02564
2455	44.7183	399.2551	406.4012	404.5	122.5994	2.02491
2456	44.7353	405.2535	408.3369	406.75	122.5994	2.02418
2457	44.7523	391.1631	410.3185	409	122.5994	2.02345
2458	44.7693	388.0528	415.2009	411.25	122.5994	2.02272
2459	44.7863	442.5633	417.4215	413.5	122.5994	2.02199
2460	44.8033	393.6612	419.5959	415.75	122.5994	2.02127
2461	44.8203	418.0549	421.9206	418	122.5994	2.02054
2462	44.8373	408.5912	424.2878	420.25	122.5994	2.01981
2463	44.8543	411.9414	426.695	422.5	122.5994	2.01909
2464	44.8713	400.1199	429.1411	424.75	122.5994	2.01836
2465	44.8883	425.2399	433.0149	427	122.5994	2.01764
2466	44.9053	473.7494	435.6251	429.25	122.5994	2.01691
2467	44.9223	435.1636	438.2991	431.5	122.5994	2.01619
2468	44.9393	411.3407	441.0696	433.75	122.5994	2.01547
2469	44.9563	444.3495	444.0177	436	122.5994	2.01474
2470	44.9733	407.2254	447.295	438.25	122.5994	2.01402
2471	44.9903	460.4245	451.0445	440.5	122.5994	2.0133
2472	45.0073	470.9996	455.1814	442.75	122.5994	2.01258
2473	45.0243	446.2346	458.9578	445	122.5994	2.01186
2474	45.0413	427.4411	459.9774	445.7552	122.5994	2.01114
2475	45.0583	417.6703	460.3589	446.5104	122.5994	2.01042
2476	45.0753	449.3969	461.1031	447.2656	122.5994	2.0097
2477	45.0923	458.9822	462.5606	448.0208	122.5994	2.00898
2478	45.1093	473.731	464.7233	448.776	122.5994	2.00826
2479	45.1263	453.5663	467.4326	449.5313	122.5994	2.00755
2480	45.1433	460.7519	470.2443	450.2865	122.5994	2.00683
2481	45.1603	462.5745	472.8483	451.0417	122.5994	2.00611
2482	45.1773	469.299	475.7158	451.7969	122.5994	2.0054
2483	45.1943	449.4938	479.3271	452.5521	122.5994	2.00468
2484	45.2113	442.3516	483.5701	453.3073	122.5994	2.00397
2485	45.2283	482.2293	488.4669	454.0625	122.5994	2.00326
2486	45.2453	495.5781	495.6343	454.8177	122.5994	2.00254
2487	45.2623	508.2316	505.287	455.5729	122.5994	2.00183
2488	45.2793	505.9582	519.1059	456.3281	122.5994	2.00112
2489	45.2963	498.3159	537.7952	457.0833	122.5994	2.00041
2490	45.3133	531.0975	561.5811	457.8385	122.5994	1.9997
2491	45.3303	529.0574	590.3106	458.5938	122.5994	1.99899
2492	45.3473	501.8368	626.1786	459.349	122.5994	1.99828
2493	45.3643	541.2624	669.7645	460.1042	122.5994	1.99757
2494	45.3813	565.1922	719.5361	460.8594	122.5994	1.99686
2495	45.3983	583.9102	772.3581	461.6146	122.5994	1.99615
2496	45.4153	650.5319	822.8459	462.3698	122.5994	1.99544
2497	45.4323	632.982	862.8605	463.125	122.5994	1.99473

2498	45.4493	648.1306	883.1102	462.0807	122.5994	1.99403
2499	45.4663	664.2772	883.8112	461.0365	122.5994	1.99332
2500	45.4833	701.9162	869.5466	459.9922	122.5994	1.99262
2501	45.5003	712.985	847.6558	458.9479	122.5994	1.99191
2502	45.5173	757.0038	824.1471	457.9036	122.5994	1.99121
2503	45.5343	758.1869	801.3723	456.8594	122.5994	1.9905
2504	45.5513	723.6697	777.6607	455.8151	122.5994	1.9898
2505	45.5683	649.6599	749.3642	454.7708	122.5994	1.9891
2506	45.5853	640.1753	715.4706	453.7266	122.5994	1.98839
2507	45.6023	607.9024	678.5583	452.6823	122.5994	1.98769
2508	45.6193	591.4306	642.0774	451.638	122.5994	1.98699
2509	45.6363	595.1222	608.8134	450.5938	122.5994	1.98629
2510	45.6533	571.6649	580.2395	449.5495	122.5994	1.98559
2511	45.6703	566.0902	556.7494	448.5052	122.5994	1.98489
2512	45.6873	515.8611	538.1051	447.4609	122.5994	1.98419
2513	45.7043	532.8862	524.6772	446.4167	122.5994	1.98349
2514	45.7213	517.3827	517.5782	445.3724	122.5994	1.9828
2515	45.7383	487.6679	518.1757	444.3281	122.5994	1.9821
2516	45.7553	526.9834	527.8622	443.2839	122.5994	1.9814
2517	45.7723	555.4082	547.7404	442.2396	122.5994	1.9807
2518	45.7893	607.4246	579.6852	441.1953	122.5994	1.98001
2519	45.8063	628.2173	619.9067	440.151	122.5994	1.97931
2520	45.8233	668.682	651.1437	439.1068	122.5994	1.97862
2521	45.8403	676.7191	649.49	438.0625	122.5994	1.97792
2522	45.8573	641.1006	616.7023	437.0182	122.5994	1.97723
2523	45.8743	567.0782	578.5415	435.974	122.5994	1.97654
2524	45.8913	533.0377	552.7463	434.9297	122.5994	1.97585
2525	45.9083	537.1639	545.0522	433.8854	122.5994	1.97515
2526	45.9253	538.2946	552.3079	432.8411	122.5994	1.97446
2527	45.9423	563.0667	562.6325	431.7969	122.5994	1.97377
2528	45.9593	548.3537	560.384	430.7526	122.5994	1.97308
2529	45.9763	521.0362	542.4615	429.7083	122.5994	1.97239
2530	45.9933	487.1181	519.6471	428.6641	122.5994	1.9717
2531	46.0103	457.3083	499.5081	427.6198	122.5994	1.97101
2532	46.0273	439.4144	484.202	426.5755	122.5994	1.97032
2533	46.0443	413.2374	473.6375	425.5313	122.5994	1.96964
2534	46.0613	402.0422	466.2149	424.487	122.5994	1.96895
2535	46.0783	418.4573	460.7822	423.4427	122.5994	1.96826
2536	46.0953	408.9997	457.0983	422.3984	122.5994	1.96757
2537	46.1123	414.3306	454.856	421.3542	122.5994	1.96689
2538	46.1293	414.1804	453.3823	420.3099	122.5994	1.9662
2539	46.1463	426.4721	449.4438	419.2656	122.5994	1.96552
2540	46.1633	443.7109	448.2238	418.2214	122.5994	1.96483
2541	46.1803	450.6909	446.2957	417.1771	122.5994	1.96415
2542	46.1973	414.8401	443.494	416.1328	122.5994	1.96347
2543	46.2143	421.5	440.1891	415.0885	122.5994	1.96278
2544	46.2313	423.729	436.746	414.0443	122.5994	1.9621
2545	46.2483	399.501	433.5422	413	122.5994	1.96142
2546	46.2653	407.2189	429.1751	411.75	122.5994	1.96074

2547	46.2823	434.6103	426.6013	410.5	122.5994	1.96006
2548	46.2993	389.2177	424.1872	409.25	122.5994	1.95938
2549	46.3163	369.9671	421.8014	408	122.5994	1.9587
2550	46.3333	415.7762	419.4156	406.75	122.5994	1.95802
2551	46.3503	356.3867	417.0481	405.5	122.5994	1.95734
2552	46.3673	373.0055	414.8104	404.25	122.5994	1.95666
2553	46.3843	397.8258	412.7242	403	122.5994	1.95599
2554	46.4013	381.5748	410.869	401.75	122.5994	1.95531
2555	46.4183	369.2407	409.2141	400.5	122.5994	1.95463
2556	46.4353	406.9821	407.7178	399.25	122.5994	1.95396
2557	46.4523	361.2568	406.2714	398	122.5994	1.95328
2558	46.4693	399.9616	404.8286	396.75	122.5994	1.95261
2559	46.4863	399.899	403.292	395.5	122.5994	1.95193
2560	46.5033	395.2599	401.8522	394.25	122.5994	1.95126
2561	46.5203	383.8916	400.2702	393	122.5994	1.95058
2562	46.5373	377.8367	399.5852	391.75	122.5994	1.94991
2563	46.5543	363.0987	399.4529	390.5	122.5994	1.94924
2564	46.5713	399.928	399.6682	389.25	122.5994	1.94857
2565	46.5883	380.2872	399.539	388	122.5994	1.9479
2566	46.6053	394.1169	398.5303	386.75	122.5994	1.94722
2567	46.6223	374.3721	397.3096	385.5	122.5994	1.94655
2568	46.6393	397.9218	396.1048	384.25	122.5994	1.94588
2569	46.6563	393.0557	395.3311	383	122.5994	1.94521
2570	46.6733	364.1275	396.1032	383.2917	122.5994	1.94455
2571	46.6903	377.1707	396.675	383.5833	122.5994	1.94388
2572	46.7073	395.6915	396.6797	383.875	122.5994	1.94321
2573	46.7243	403.9866	396.2531	384.1667	122.5994	1.94254
2574	46.7413	386.6327	395.6394	384.4583	122.5994	1.94188
2575	46.7583	384.2112	395.1793	384.75	122.5994	1.94121
2576	46.7753	393.7807	394.9129	385.0417	122.5994	1.94054
2577	46.7923	391.2227	394.7026	385.3333	122.5994	1.93988
2578	46.8093	350.3286	394.4098	385.625	122.5994	1.93921
2579	46.8263	336.1831	393.922	385.9167	122.5994	1.93855
2580	46.8433	374.4832	393.4233	386.2083	122.5994	1.93788
2581	46.8603	380.0105	392.8609	386.5	122.5994	1.93722
2582	46.8773	380.0917	392.4846	386.7917	122.5994	1.93656
2583	46.8943	391.1696	392.2906	387.0833	122.5994	1.9359
2584	46.9113	372.9684	392.3328	387.375	122.5994	1.93523
2585	46.9283	378.7829	392.6439	387.6667	122.5994	1.93457
2586	46.9453	388.0528	393.2368	387.9583	122.5994	1.93391
2587	46.9623	385.6219	394.1032	388.25	122.5994	1.93325
2588	46.9793	389.3445	395.1704	388.5417	122.5994	1.93259
2589	46.9963	394.718	396.4329	388.8333	122.5994	1.93193
2590	47.0133	382.1962	397.6824	389.125	122.5994	1.93127
2591	47.0303	376.3239	398.6601	389.4167	122.5994	1.93061
2592	47.0473	385.193	399.1041	389.7083	122.5994	1.92996
2593	47.0643	391.095	399.0683	390	122.5994	1.9293
2594	47.0813	401.5704	398.562	390.0625	122.5994	1.92864
2595	47.0983	375.2069	398.167	390.125	122.5994	1.92799

2596	47.1153	391.4493	398.2247	390.1875	122.5994	1.92733
2597	47.1323	359.6096	399.0479	390.25	122.5994	1.92667
2598	47.1493	356.7151	400.7331	390.3125	122.5994	1.92602
2599	47.1663	360.6663	402.7551	390.375	122.5994	1.92536
2600	47.1833	354.0041	403.5475	390.4375	122.5994	1.92471
2601	47.2003	386.0541	401.6497	390.5	122.5994	1.92406
2602	47.2173	391.949	398.6504	390.5625	122.5994	1.9234
2603	47.2343	403.7963	396.3467	390.625	122.5994	1.92275
2604	47.2513	372.5074	395.2393	390.6875	122.5994	1.9221
2605	47.2683	379.5367	395.2209	390.75	122.5994	1.92145
2606	47.2853	352.4802	395.9169	390.8125	122.5994	1.9208
2607	47.3023	338.0937	396.5897	390.875	122.5994	1.92014
2608	47.3193	384.0201	396.1915	390.9375	122.5994	1.91949
2609	47.3363	416.9823	394.9921	391	122.5994	1.91885
2610	47.3533	393.1753	393.8773	391.0625	122.5994	1.9182
2611	47.3703	401.2277	393.1133	391.125	122.5994	1.91755
2612	47.3873	405.1385	392.7834	391.1875	122.5994	1.9169
2613	47.4043	400.2344	392.5948	391.25	122.5994	1.91625
2614	47.4213	433.5241	392.4929	391.3125	122.5994	1.9156
2615	47.4383	444.1158	392.4435	391.375	122.5994	1.91496
2616	47.4553	465.3729	392.4343	391.4375	122.5994	1.91431
2617	47.4723	445.6151	392.4563	391.5	122.5994	1.91366
2618	47.4893	402.7357	392.4648	391.5625	122.5994	1.91302
2619	47.5063	409.3498	392.6055	391.625	122.5994	1.91237
2620	47.5233	415.7468	392.6542	391.6875	122.5994	1.91173
2621	47.5403	387.6095	392.7358	391.75	122.5994	1.91109
2622	47.5573	397.6908	392.8994	391.8125	122.5994	1.91044
2623	47.5743	412.5352	393.109	391.875	122.5994	1.9098
2624	47.5913	396.0628	393.425	391.9375	122.5994	1.90916
2625	47.6083	390.536	393.8111	392	122.5994	1.90851
2626	47.6253	373.0027	394.2173	392.0625	122.5994	1.90787
2627	47.6423	370.7079	394.5219	392.125	122.5994	1.90723
2628	47.6593	384.3156	394.5501	392.1875	122.5994	1.90659
2629	47.6763	373.3811	394.4414	392.25	122.5994	1.90595
2630	47.6933	342.0568	394.3487	392.3125	122.5994	1.90531
2631	47.7103	349.4416	394.2634	392.375	122.5994	1.90467
2632	47.7273	362.5369	394.303	392.4375	122.5994	1.90403
2633	47.7443	380.545	394.4661	392.5	122.5994	1.9034
2634	47.7613	376.8253	394.6633	392.5625	122.5994	1.90276
2635	47.7783	343.4024	394.9107	392.625	122.5994	1.90212
2636	47.7953	379.1071	395.1411	392.6875	122.5994	1.90148
2637	47.8123	399.9616	395.4093	392.75	122.5994	1.90085
2638	47.8293	379.6497	395.815	392.8125	122.5994	1.90021
2639	47.8463	384.3956	396.3072	392.875	122.5994	1.89958
2640	47.8633	391.1394	396.9089	392.9375	122.5994	1.89894
2641	47.8803	408.1937	397.5872	393	122.5994	1.89831
2642	47.8973	366.8027	397.7209	392.6667	122.5994	1.89767
2643	47.9143	420.9824	397.7193	392.3333	122.5994	1.89704
2644	47.9313	390.6386	397.6541	392	122.5994	1.89641

2645	47.9483	384.1232	397.7101	391.6667	122.5994	1.89577
2646	47.9653	391.3869	398.132	391.3333	122.5994	1.89514
2647	47.9823	388.3208	399.1851	391	122.5994	1.89451
2648	47.9993	388.1417	401.1129	390.6667	122.5994	1.89388
2649	48.0163	376.6147	403.9629	390.3333	122.5994	1.89325
2650	48.0333	399.882	407.8913	390	122.5994	1.89262
2651	48.0503	383.8424	413.814	389.6667	122.5994	1.89199
2652	48.0673	371.2325	421.5988	389.3333	122.5994	1.89136
2653	48.0843	429.6335	426.2685	389	122.5994	1.89073
2654	48.1013	384.7739	423.488	388.6667	122.5994	1.8901
2655	48.1183	391.6806	419.3522	388.3333	122.5994	1.88947
2656	48.1353	387.559	418.6435	388	122.5994	1.88884
2657	48.1523	381.361	418.8119	387.6667	122.5994	1.88822
2658	48.1693	376.2193	416.2682	387.3333	122.5994	1.88759
2659	48.1863	424.2167	414.0139	387	122.5994	1.88696
2660	48.2033	396.6091	413.5057	386.6667	122.5994	1.88634
2661	48.2203	417.1988	411.8611	386.3333	122.5994	1.88571
2662	48.2373	384.3173	409.0216	386	122.5994	1.88509
2663	48.2543	391.6178	407.8099	385.6667	122.5994	1.88446
2664	48.2713	384.9961	408.1566	385.3333	122.5994	1.88384
2665	48.2883	389.6968	407.4949	385	122.5994	1.88322
2666	48.3053	381.757	405.0212	384.3333	122.5994	1.88259
2667	48.3223	383.5218	402.6422	383.6667	122.5994	1.88197
2668	48.3393	376.0703	400.9362	383	122.5994	1.88135
2669	48.3563	378.7019	399.7469	382.3333	122.5994	1.88073
2670	48.3733	368.0537	398.8095	381.6667	122.5994	1.8801
2671	48.3903	372.5397	397.9806	381	122.5994	1.87948
2672	48.4073	359.9857	397.1531	380.3333	122.5994	1.87886
2673	48.4243	353.3175	396.23	379.6667	122.5994	1.87824
2674	48.4413	359.1037	395.1848	379	122.5994	1.87762
2675	48.4583	365.3424	394.0182	378.3333	122.5994	1.87701
2676	48.4753	381.2151	392.7574	377.6667	122.5994	1.87639
2677	48.4923	385.783	391.3968	377	122.5994	1.87577
2678	48.5093	377.2187	390.1604	376.3333	122.5994	1.87515
2679	48.5263	404.6453	389.0144	375.6667	122.5994	1.87453
2680	48.5433	373.9841	387.757	375	122.5994	1.87392
2681	48.5603	371.3587	386.244	374.3333	122.5994	1.8733
2682	48.5773	376.128	384.5803	373.6667	122.5994	1.87269
2683	48.5943	372.5397	382.9445	373	122.5994	1.87207
2684	48.6113	345.0751	381.5106	372.3333	122.5994	1.87145
2685	48.6283	365.9434	380.328	371.6667	122.5994	1.87084
2686	48.6453	361.6409	379.4166	371	122.5994	1.87023
2687	48.6623	387.931	378.6478	370.3333	122.5994	1.86961
2688	48.6793	367.5538	377.8263	369.6667	122.5994	1.869
2689	48.6963	370.5679	376.8376	369	122.5994	1.86839
2690	48.7133	362.6884	376.8567	369.5	122.5994	1.86777
2691	48.7303	364.3136	376.8501	370	122.5994	1.86716
2692	48.7473	400.0637	376.7597	370.5	122.5994	1.86655
2693	48.7643	419.035	376.6671	371	122.5994	1.86594

2694	48.7813	364.3197	376.7356	371.5	122.5994	1.86533
2695	48.7983	364.7245	376.8459	372	122.5994	1.86472
2696	48.8153	353.5601	376.9388	372.5	122.5994	1.86411
2697	48.8323	368.781	377.0395	373	122.5994	1.8635
2698	48.8493	380.6758	377.1731	373.5	122.5994	1.86289
2699	48.8663	393.1337	377.3469	374	122.5994	1.86228
2700	48.8833	337.7347	377.5784	374.5	122.5994	1.86168
2701	48.9003	329.3796	377.8781	375	122.5994	1.86107
2702	48.9173	348.1035	378.3018	375.5	122.5994	1.86046
2703	48.9343	364.2534	378.835	376	122.5994	1.85985
2704	48.9513	359.255	379.4876	376.5	122.5994	1.85925
2705	48.9683	348.3175	380.3717	377	122.5994	1.85864
2706	48.9853	341.5517	381.4248	377.5	122.5994	1.85804
2707	49.0023	338.5275	382.7021	378	122.5994	1.85743
2708	49.0193	347.8542	383.9679	378.5	122.5994	1.85683
2709	49.0363	380.4964	384.998	379	122.5994	1.85622
2710	49.0533	386.3813	385.7001	379.5	122.5994	1.85562
2711	49.0703	374.9388	386.0816	380	122.5994	1.85502
2712	49.0873	386.7428	386.2608	380.5	122.5994	1.85441
2713	49.1043	390.3631	386.3765	381	122.5994	1.85381
2714	49.1213	369.5845	385.9078	380.75	122.5994	1.85321
2715	49.1383	369.3382	385.6384	380.5	122.5994	1.85261
2716	49.1553	374.7974	385.4723	380.25	122.5994	1.85201
2717	49.1723	375.8544	385.3265	380	122.5994	1.85141
2718	49.1893	389.3818	385.1766	379.75	122.5994	1.85081
2719	49.2063	388.5855	385.0672	379.5	122.5994	1.85021
2720	49.2233	380.3326	385.184	379.25	122.5994	1.84961
2721	49.2403	388.2546	385.9802	379	122.5994	1.84901
2722	49.2573	392.0024	388.3932	378.75	122.5994	1.84841
2723	49.2743	378.8159	394.0292	378.5	122.5994	1.84781
2724	49.2913	408.7421	403.3157	378.25	122.5994	1.84722
2725	49.3083	421.7783	413.4932	378	122.5994	1.84662
2726	49.3253	404.4113	416.3001	377.75	122.5994	1.84602
2727	49.3423	355.0424	408.6758	377.5	122.5994	1.84543
2728	49.3593	353.9414	398.1043	377.25	122.5994	1.84483
2729	49.3763	349.0655	390.7063	377	122.5994	1.84424
2730	49.3933	361.2435	388.0711	376.75	122.5994	1.84364
2731	49.4103	365.7727	389.7513	376.5	122.5994	1.84305
2732	49.4273	367.7735	394.2316	376.25	122.5994	1.84245
2733	49.4443	380.7488	398.2299	376	122.5994	1.84186
2734	49.4613	426.4488	397.009	375.75	122.5994	1.84126
2735	49.4783	399.9081	391.2944	375.5	122.5994	1.84067
2736	49.4953	356.133	385.3904	375.25	122.5994	1.84008
2737	49.5123	356.2687	381.4578	375	122.5994	1.83949
2738	49.5293	398.8299	381.6071	376.8333	122.5994	1.8389
2739	49.5463	375.2418	383.1026	378.6667	122.5994	1.8383
2740	49.5633	376.1508	385.5185	380.5	122.5994	1.83771
2741	49.5803	365.299	388.4336	382.3333	122.5994	1.83712
2742	49.5973	364.8586	391.2612	384.1667	122.5994	1.83653

2743	49.6143	357.1932	392.9704	386	122.5994	1.83594
2744	49.6313	369.053	393.3835	387.8333	122.5994	1.83536
2745	49.6483	390.589	393.6983	389.6667	122.5994	1.83477
2746	49.6653	357.4935	394.6555	391.5	122.5994	1.83418
2747	49.6823	364.9002	396.2916	393.3333	122.5994	1.83359
2748	49.6993	402.742	398.5067	395.1667	122.5994	1.833
2749	49.7163	363.6169	401.152	397	122.5994	1.83242
2750	49.7333	413.6093	403.8699	398.8333	122.5994	1.83183
2751	49.7503	436.8137	406.1407	400.6667	122.5994	1.83124
2752	49.7673	395.2129	408.3832	402.5	122.5994	1.83066
2753	49.7843	400.7343	411.9275	404.3333	122.5994	1.83007
2754	49.8013	432.5985	417.8904	406.1667	122.5994	1.82949
2755	49.8183	416.3182	435.1055	408	122.5994	1.8289
2756	49.8353	376.1957	444.4841	409.8333	122.5994	1.82832
2757	49.8523	406.9159	448.8401	411.6667	122.5994	1.82774
2758	49.8693	438.0807	448.4327	413.5	122.5994	1.82715
2759	49.8863	432.4963	450.5562	415.3333	122.5994	1.82657
2760	49.9033	407.414	452.8104	417.1667	122.5994	1.82599
2761	49.9203	420.2097	460.0117	419	122.5994	1.82541
2762	49.9373	421.977	470.5694	418.6458	122.5994	1.82482
2763	49.9543	420.8099	484.9834	418.2917	122.5994	1.82424
2764	49.9713	408.8578	496.9868	417.9375	122.5994	1.82366
2765	49.9883	431.4064	500.4662	417.5833	122.5994	1.82308
2766	50.0053	453.9277	497.5472	417.2292	122.5994	1.8225
2767	50.0223	467.7107	494.8708	416.875	122.5994	1.82192
2768	50.0393	502.3896	499.6329	416.5208	122.5994	1.82134
2769	50.0563	505.6984	516.2589	416.1667	122.5994	1.82076
2770	50.0733	531.0409	549.4753	415.8125	122.5994	1.82019
2771	50.0903	604.9037	607.4396	415.4583	122.5994	1.81961
2772	50.1073	698.8121	701.8929	415.1042	122.5994	1.81903
2773	50.1243	888.0597	851.7595	414.75	122.5994	1.81845
2774	50.1413	1020.003	1069.341	414.3958	122.5994	1.81788
2775	50.1583	1206.738	1323.804	414.0417	122.5994	1.8173
2776	50.1753	1256.362	1506.994	413.6875	122.5994	1.81672
2777	50.1923	1103.084	1482.755	413.3333	122.5994	1.81615
2778	50.2093	906.0806	1280.31	412.9792	122.5994	1.81557
2779	50.2263	771.179	1050.733	412.625	122.5994	1.815
2780	50.2433	690.221	890.7784	412.2708	122.5994	1.81442
2781	50.2603	719.1381	832.8615	411.9167	122.5994	1.81385
2782	50.2773	747.3059	867.9027	411.5625	122.5994	1.81328
2783	50.2943	848.1818	952.3322	411.2083	122.5994	1.8127
2784	50.3113	818.6252	1007.208	410.8542	122.5994	1.81213
2785	50.3283	746.9097	960.0853	410.5	122.5994	1.81156
2786	50.3453	629.3428	834.5077	410.1458	122.5994	1.81099
2787	50.3623	508.28	700.6335	409.7917	122.5994	1.81042
2788	50.3793	471.8982	596.3823	409.4375	122.5994	1.80985
2789	50.3963	408.8928	528.7873	409.0833	122.5994	1.80927
2790	50.4133	400.3093	490.1623	408.7292	122.5994	1.8087
2791	50.4303	427.5827	469.1462	408.375	122.5994	1.80813

2792	50.4473	399.0253	457.5166	408.0208	122.5994	1.80756
2793	50.4643	379.6434	450.58	407.6667	122.5994	1.807
2794	50.4813	375.0648	445.9022	407.3125	122.5994	1.80643
2795	50.4983	398.2073	442.1933	406.9583	122.5994	1.80586
2796	50.5153	386.8617	438.4461	406.6042	122.5994	1.80529
2797	50.5323	401.5228	434.7108	406.25	122.5994	1.80472
2798	50.5493	388.7679	431.6625	405.8958	122.5994	1.80416
2799	50.5663	394.4258	429.7579	405.5417	122.5994	1.80359
2800	50.5833	405.8746	429.6644	405.1875	122.5994	1.80302
2801	50.6003	411.0561	432.455	404.8333	122.5994	1.80246
2802	50.6173	408.0944	438.9598	404.4792	122.5994	1.80189
2803	50.6343	416.3037	447.9353	404.125	122.5994	1.80133
2804	50.6513	429.199	453.709	403.7708	122.5994	1.80076
2805	50.6683	409.3706	450.2965	403.4167	122.5994	1.8002
2806	50.6853	399.7448	440.4946	403.0625	122.5994	1.79963
2807	50.7023	393.58	430.6752	402.7083	122.5994	1.79907
2808	50.7193	395.972	424.1028	402.3542	122.5994	1.79851
2809	50.7363	399.4052	421.4753	402	122.5994	1.79794
2810	50.7533	412.9095	422.5242	401.75	122.5994	1.79738
2811	50.7703	411.26	425.7308	401.5	122.5994	1.79682
2812	50.7873	403.8181	422.0573	401.25	122.5994	1.79626
2813	50.8043	401.951	419.8488	401	122.5994	1.7957
2814	50.8213	383.8546	414.7402	400.75	122.5994	1.79514
2815	50.8383	398.0859	409.7378	400.5	122.5994	1.79458
2816	50.8553	427.9536	406.1332	400.25	122.5994	1.79402
2817	50.8723	408.0304	403.9038	400	122.5994	1.79346
2818	50.8893	397.7843	402.6158	399.75	122.5994	1.7929
2819	50.9063	404.0639	402.0957	399.5	122.5994	1.79234
2820	50.9233	385.8786	401.6067	399.25	122.5994	1.79178
2821	50.9403	395.1014	401.1202	399	122.5994	1.79122
2822	50.9573	358.3255	400.7711	398.75	122.5994	1.79066
2823	50.9743	343.8469	400.6153	398.5	122.5994	1.79011
2824	50.9913	365.6512	400.5628	398.25	122.5994	1.78955
2825	51.0083	341.0257	400.3992	398	122.5994	1.78899
2826	51.0253	345.7407	400.0465	397.75	122.5994	1.78844
2827	51.0423	368.0099	399.6931	397.5	122.5994	1.78788
2828	51.0593	344.4923	399.5101	397.25	122.5994	1.78733
2829	51.0763	354.3436	399.3928	397	122.5994	1.78677
2830	51.0933	394.3801	399.3707	396.75	122.5994	1.78622
2831	51.1103	361.9225	399.4265	396.5	122.5994	1.78566
2832	51.1273	367.606	399.5076	396.25	122.5994	1.78511
2833	51.1443	432.3725	399.5917	396	122.5994	1.78456
2834	51.1613	386.4555	397.7671	393.9583	122.5994	1.784
2835	51.1783	399.5992	396.2788	391.9167	122.5994	1.78345
2836	51.1953	404.058	395.2854	389.875	122.5994	1.7829
2837	51.2123	391.6189	395.4982	387.8333	122.5994	1.78235
2838	51.2293	369.4147	398.4454	385.7917	122.5994	1.78179
2839	51.2463	386.9106	406.6118	383.75	122.5994	1.78124
2840	51.2633	371.9425	421.0097	381.7083	122.5994	1.78069

2841	51.2803	406.724	436.3776	379.6667	122.5994	1.78014
2842	51.2973	392.0758	437.7563	377.625	122.5994	1.77959
2843	51.3143	366.4984	421.2615	375.5833	122.5994	1.77904
2844	51.3313	377.0748	402.0145	373.5417	122.5994	1.77849
2845	51.3483	375.7834	388.8635	371.5	122.5994	1.77794
2846	51.3653	360.5264	382.9114	369.4583	122.5994	1.7774
2847	51.3823	378.9287	382.9915	367.4167	122.5994	1.77685
2848	51.3993	391.9094	387.6719	365.375	122.5994	1.7763
2849	51.4163	368.6891	393.6508	363.3333	122.5994	1.77575
2850	51.4333	364.0471	393.37	361.2917	122.5994	1.77521
2851	51.4503	360.8556	384.1908	359.25	122.5994	1.77466
2852	51.4673	374.9968	373.3634	357.2083	122.5994	1.77411
2853	51.4843	368.2681	365.0818	355.1667	122.5994	1.77357
2854	51.5013	356.6827	359.5667	353.125	122.5994	1.77302
2855	51.5183	358.9452	355.8898	351.0833	122.5994	1.77248
2856	51.5353	353.284	353.127	349.0417	122.5994	1.77193
2857	51.5523	335.8447	350.8024	347	122.5994	1.77139
2858	51.5693	349.5376	351.3422	347.5833	122.5994	1.77084
2859	51.5863	353.4061	352.0669	348.1667	122.5994	1.7703
2860	51.6033	355.3475	352.9557	348.75	122.5994	1.76976
2861	51.6203	361.3358	353.9381	349.3333	122.5994	1.76921
2862	51.6373	373.391	355.036	349.9167	122.5994	1.76867
2863	51.6543	378.0457	356.4218	350.5	122.5994	1.76813
2864	51.6713	371.6834	358.2033	351.0833	122.5994	1.76759
2865	51.6883	347.5946	360.404	351.6667	122.5994	1.76705
2866	51.7053	342.0656	363.0007	352.25	122.5994	1.7665
2867	51.7223	336.1293	365.9689	352.8333	122.5994	1.76596
2868	51.7393	336.3147	368.8456	353.4167	122.5994	1.76542
2869	51.7563	351.744	370.8555	354	122.5994	1.76488
2870	51.7733	349.0416	370.8123	354.5833	122.5994	1.76434
2871	51.7903	337.6052	369.0863	355.1667	122.5994	1.7638
2872	51.8073	337.6953	367.3224	355.75	122.5994	1.76327
2873	51.8243	350.4317	366.3497	356.3333	122.5994	1.76273
2874	51.8413	359.5767	366.2459	356.9167	122.5994	1.76219
2875	51.8583	377.1771	366.8633	357.5	122.5994	1.76165
2876	51.8753	357.176	367.8201	358.0833	122.5994	1.76111
2877	51.8923	350.1034	368.7003	358.6667	122.5994	1.76058
2878	51.9093	343.0231	368.8871	359.25	122.5994	1.76004
2879	51.9263	366.5957	368.3962	359.8333	122.5994	1.7595
2880	51.9433	354.3186	367.6997	360.4167	122.5994	1.75897
2881	51.9603	375.5663	367.1559	361	122.5994	1.75843
2882	51.9773	357.4804	365.9372	361.0417	122.5994	1.7579
2883	51.9943	345.7466	364.9657	361.0833	122.5994	1.75736
2884	52.0113	328.5853	364.4996	361.125	122.5994	1.75683
2885	52.0283	357.7803	364.6609	361.1667	122.5994	1.75629
2886	52.0453	368.4036	365.4843	361.2083	122.5994	1.75576
2887	52.0623	362.256	366.6898	361.25	122.5994	1.75523
2888	52.0793	339.9142	367.5215	361.2917	122.5994	1.75469
2889	52.0963	350.702	367.1344	361.3333	122.5994	1.75416

2890	52.1133	349.5622	366.1012	361.375	122.5994	1.75363
2891	52.1303	318.4421	365.3488	361.4167	122.5994	1.7531
2892	52.1473	362.6607	365.1386	361.4583	122.5994	1.75257
2893	52.1643	380.7165	365.394	361.5	122.5994	1.75204
2894	52.1813	372.4318	365.8267	361.5417	122.5994	1.7515
2895	52.1983	373.885	366.8269	361.5833	122.5994	1.75097
2896	52.2153	346.0061	368.5368	361.625	122.5994	1.75044
2897	52.2323	343.6248	370.6736	361.6667	122.5994	1.74991
2898	52.2493	344.8106	372.6535	361.7083	122.5994	1.74938
2899	52.2663	362.5872	372.8123	361.75	122.5994	1.74886
2900	52.2833	371.0928	370.9524	361.7917	122.5994	1.74833
2901	52.3003	370.134	369.0519	361.8333	122.5994	1.7478
2902	52.3173	377.3398	368.1611	361.875	122.5994	1.74727
2903	52.3343	375.6915	368.2869	361.9167	122.5994	1.74674
2904	52.3513	352.655	369.6242	361.9583	122.5994	1.74622
2905	52.3683	353.1447	372.1156	362	122.5994	1.74569
2906	52.3853	368.6046	375.4815	361.9167	122.5994	1.74516
2907	52.4023	370.6305	378.9844	361.8333	122.5994	1.74464
2908	52.4193	372.5397	381.8213	361.75	122.5994	1.74411
2909	52.4363	357.3514	383.8712	361.6667	122.5994	1.74359
2910	52.4533	368.5794	382.7827	361.5833	122.5994	1.74306
2911	52.4703	369.9413	378.197	361.5	122.5994	1.74254
2912	52.4873	349.1607	373.6796	361.4167	122.5994	1.74201
2913	52.5043	393.3394	371.0024	361.3333	122.5994	1.74149
2914	52.5213	387.8841	370.2352	361.25	122.5994	1.74096
2915	52.5383	372.5397	370.8746	361.1667	122.5994	1.74044
2916	52.5553	378.0407	372.3579	361.0833	122.5994	1.73992
2917	52.5723	380.3007	374.0792	361	122.5994	1.73939
2918	52.5893	374.2929	374.6213	360.9167	122.5994	1.73887
2919	52.6063	406.7088	373.0948	360.8333	122.5994	1.73835
2920	52.6233	393.5898	371.0631	360.75	122.5994	1.73783
2921	52.6403	397.9079	369.8069	360.6667	122.5994	1.73731
2922	52.6573	373.4251	369.527	360.5833	122.5994	1.73679
2923	52.6743	368.6046	369.9777	360.5	122.5994	1.73627
2924	52.6913	375.5768	370.8561	360.4167	122.5994	1.73575
2925	52.7083	358.8284	371.9386	360.3333	122.5994	1.73523
2926	52.7253	400.9349	373.0887	360.25	122.5994	1.73471
2927	52.7423	396.4105	374.2473	360.1667	122.5994	1.73419
2928	52.7593	358.022	375.4683	360.0833	122.5994	1.73367
2929	52.7763	342.3015	376.8261	360	122.5994	1.73315
2930	52.7933	361.1293	379.3423	360.875	122.5994	1.73263
2931	52.8103	364.9386	382.0256	361.75	122.5994	1.73212
2932	52.8273	370.3601	384.5059	362.625	122.5994	1.7316
2933	52.8443	393.0594	386.4392	363.5	122.5994	1.73108
2934	52.8613	360.9654	387.4908	364.375	122.5994	1.73056
2935	52.8783	365.0479	387.6226	365.25	122.5994	1.73005
2936	52.8953	389.0645	387.119	366.125	122.5994	1.72953
2937	52.9123	368.5396	386.4233	367	122.5994	1.72902
2938	52.9293	361.8015	386.03	367.875	122.5994	1.7285

2939	52.9463	400.264	385.9344	368.75	122.5994	1.72799
2940	52.9633	361.785	386.2981	369.625	122.5994	1.72747
2941	52.9803	378.335	386.8663	370.5	122.5994	1.72696
2942	52.9973	386.4136	387.0425	371.375	122.5994	1.72644
2943	53.0143	389.6312	386.4843	372.25	122.5994	1.72593
2944	53.0313	386.6631	385.6118	373.125	122.5994	1.72542
2945	53.0483	389.3817	384.7939	374	122.5994	1.7249
2946	53.0653	377.0527	384.2531	374.875	122.5994	1.72439
2947	53.0823	372.348	384.0415	375.75	122.5994	1.72388
2948	53.0993	388.9635	384.3045	376.625	122.5994	1.72337
2949	53.1163	384.206	385.1318	377.5	122.5994	1.72286
2950	53.1333	370.4276	386.7081	378.375	122.5994	1.72234
2951	53.1503	361.6708	389.0757	379.25	122.5994	1.72183
2952	53.1673	372.6469	392.5233	380.125	122.5994	1.72132
2953	53.1843	387.8394	397.3103	381	122.5994	1.72081
2954	53.2013	388.7745	402.0719	381.5417	122.5994	1.7203
2955	53.2183	389.3467	405.1453	382.0833	122.5994	1.71979
2956	53.2353	379.5951	404.6264	382.625	122.5994	1.71928
2957	53.2523	374.0798	400.5549	383.1667	122.5994	1.71878
2958	53.2693	372.4543	396.6939	383.7083	122.5994	1.71827
2959	53.2863	390.2902	395.636	384.25	122.5994	1.71776
2960	53.3033	389.4018	397.9541	384.7917	122.5994	1.71725
2961	53.3203	386.8273	403.0202	385.3333	122.5994	1.71674
2962	53.3373	379.8166	408.571	385.875	122.5994	1.71624
2963	53.3543	393.6083	410.9607	386.4167	122.5994	1.71573
2964	53.3713	406.1058	409.1822	386.9583	122.5994	1.71522
2965	53.3883	371.5816	404.2994	387.5	122.5994	1.71472
2966	53.4053	395.2784	399.538	388.0417	122.5994	1.71421
2967	53.4223	375.0638	396.9185	388.5833	122.5994	1.71371
2968	53.4393	418.8014	396.598	389.125	122.5994	1.7132
2969	53.4563	400.6027	398.1479	389.6667	122.5994	1.7127
2970	53.4733	388.9883	400.6162	390.2083	122.5994	1.71219
2971	53.4903	391.7103	402.5546	390.75	122.5994	1.71169
2972	53.5073	315.9059	403.2445	391.2917	122.5994	1.71118
2973	53.5243	344.0645	403.2418	391.8333	122.5994	1.71068
2974	53.5413	386.7052	403.5927	392.375	122.5994	1.71018
2975	53.5583	380.2964	404.4299	392.9167	122.5994	1.70968
2976	53.5753	435.9838	405.7274	393.4583	122.5994	1.70917
2977	53.5923	365.7447	406.9696	394	122.5994	1.70867
2978	53.6093	391.1563	407.3437	394.0417	122.5994	1.70817
2979	53.6263	377.8052	407.3383	394.0833	122.5994	1.70767
2980	53.6433	395.6776	407.1348	394.125	122.5994	1.70717
2981	53.6603	392.0024	406.9499	394.1667	122.5994	1.70667
2982	53.6773	387.2125	406.9128	394.2083	122.5994	1.70617
2983	53.6943	360.8972	406.9844	394.25	122.5994	1.70567
2984	53.7113	382.4603	407.2364	394.2917	122.5994	1.70517
2985	53.7283	388.7944	407.5831	394.3333	122.5994	1.70467
2986	53.7453	371.1437	408.0123	394.375	122.5994	1.70417
2987	53.7623	366.0114	408.6071	394.4167	122.5994	1.70367

2988	53.7793	398.63	409.5268	394.4583	122.5994	1.70317
2989	53.7963	384.2112	411.2129	394.5	122.5994	1.70267
2990	53.8133	384.1232	413.4084	394.5417	122.5994	1.70217
2991	53.8303	380.2304	415.3906	394.5833	122.5994	1.70168
2992	53.8473	372.5397	416.7356	394.625	122.5994	1.70118
2993	53.8643	393.5463	418.0406	394.6667	122.5994	1.70068
2994	53.8813	409.3335	419.4963	394.7083	122.5994	1.70019
2995	53.8983	393.5772	420.7175	394.75	122.5994	1.69969
2996	53.9153	406.8089	421.317	394.7917	122.5994	1.69919
2997	53.9323	392.6312	421.1723	394.8333	122.5994	1.6987
2998	53.9493	387.9387	420.6797	394.875	122.5994	1.6982
2999	53.9663	416.8588	420.0486	394.9167	122.5994	1.69771
3000	53.9833	406.8748	419.0837	394.9583	122.5994	1.69721
3001	54.0003	382.849	418.0108	395	122.5994	1.69672
3002	54.0173	388.0528	417.5951	395.5	122.5994	1.69623
3003	54.0343	390.3902	417.4228	396	122.5994	1.69573
3004	54.0513	424.7074	417.3755	396.5	122.5994	1.69524
3005	54.0683	416.4665	417.2102	397	122.5994	1.69475
3006	54.0853	379.466	416.5496	397.5	122.5994	1.69425
3007	54.1023	373.8381	415.2764	398	122.5994	1.69376
3008	54.1193	418.6981	413.945	398.5	122.5994	1.69327
3009	54.1363	390.3951	412.8737	399	122.5994	1.69278
3010	54.1533	355.5277	412.0847	399.5	122.5994	1.69229
3011	54.1703	376.0732	411.5091	400	122.5994	1.6918
3012	54.1873	371.9328	411.2195	400.5	122.5994	1.69131
3013	54.2043	394.0002	411.2157	401	122.5994	1.69082
3014	54.2213	377.1687	411.3253	401.5	122.5994	1.69033
3015	54.2383	372.5397	411.251	402	122.5994	1.68984
3016	54.2553	359.1362	411.5782	402.5	122.5994	1.68935
3017	54.2723	384.7523	411.3645	403	122.5994	1.68886
3018	54.2893	380.9707	411.2897	403.5	122.5994	1.68837
3019	54.3063	421.5046	411.2816	404	122.5994	1.68788
3020	54.3233	389.6792	411.4049	404.5	122.5994	1.68739
3021	54.3403	411.5527	411.5716	405	122.5994	1.6869
3022	54.3573	441.0152	411.7929	405.5	122.5994	1.68642
3023	54.3743	381.099	412.0317	406	122.5994	1.68593
3024	54.3913	420.8485	412.3348	406.5	122.5994	1.68544
3025	54.4083	428.9286	413.0557	407	122.5994	1.68496
3026	54.4253	378.8118	414.3732	408.2083	122.5994	1.68447
3027	54.4423	400.5584	416.0294	409.4167	122.5994	1.68398
3028	54.4593	373.9678	418.2269	410.625	122.5994	1.6835
3029	54.4763	381.8623	421.3914	411.8333	122.5994	1.68301
3030	54.4933	376.1114	425.7772	413.0417	122.5994	1.68253
3031	54.5103	412.1449	430.6621	414.25	122.5994	1.68204
3032	54.5273	413.8117	433.2248	415.4583	122.5994	1.68156
3033	54.5443	407.9648	432.4557	416.6667	122.5994	1.68108
3034	54.5613	374.7476	430.9951	417.875	122.5994	1.68059
3035	54.5783	399.9104	430.2516	419.0833	122.5994	1.68011
3036	54.5953	414.191	430.7789	420.2917	122.5994	1.67963

3037	54.6123	403.8715	432.5252	421.5	122.5994	1.67914
3038	54.6293	405.2267	435.3406	422.7083	122.5994	1.67866
3039	54.6463	394.9195	438.9854	423.9167	122.5994	1.67818
3040	54.6633	415.865	442.548	425.125	122.5994	1.6777
3041	54.6803	419.3902	444.8883	426.3333	122.5994	1.67722
3042	54.6973	382.9976	446.8589	427.5417	122.5994	1.67674
3043	54.7143	398.1353	448.9521	428.75	122.5994	1.67625
3044	54.7313	412.772	451.3287	429.9583	122.5994	1.67577
3045	54.7483	392.1137	452.8695	431.1667	122.5994	1.67529
3046	54.7653	415.78	454.1809	432.375	122.5994	1.67481
3047	54.7823	436.1633	456.7384	433.5833	122.5994	1.67433
3048	54.7993	457.1829	461.5316	434.7917	122.5994	1.67386
3049	54.8163	479.564	470.207	436	122.5994	1.67338
3050	54.8333	509.4678	485.9808	437.2083	122.5994	1.6729
3051	54.8503	567.3594	513.9458	438.4167	122.5994	1.67242
3052	54.8673	587.2999	558.7166	439.625	122.5994	1.67194
3053	54.8843	618.7038	619.2756	440.8333	122.5994	1.67146
3054	54.9013	641.9533	681.3947	442.0417	122.5994	1.67099
3055	54.9183	682.0653	714.1158	443.25	122.5994	1.67051
3056	54.9353	601.3241	693.1797	444.4583	122.5994	1.67003
3057	54.9523	531.3853	639.376	445.6667	122.5994	1.66956
3058	54.9693	498.8574	587.3748	446.875	122.5994	1.66908
3059	54.9863	507.0697	554.4277	448.0833	122.5994	1.6686
3060	55.0033	510.8281	543.6204	449.2917	122.5994	1.66813
3061	55.0203	518.3362	551.7181	450.5	122.5994	1.66765
3062	55.0373	560.0518	573.4427	451.7083	122.5994	1.66718
3063	55.0543	579.0722	597.1041	452.9167	122.5994	1.6667
3064	55.0713	542.2596	603.8783	454.125	122.5994	1.66623
3065	55.0883	521.2749	586.1731	455.3333	122.5994	1.66576
3066	55.1053	511.1883	558.2974	456.5417	122.5994	1.66528
3067	55.1223	472.1946	534.7185	457.75	122.5994	1.66481
3068	55.1393	441.2415	521.1534	458.9583	122.5994	1.66434
3069	55.1563	424.4682	515.5215	460.1667	122.5994	1.66386
3070	55.1733	436.2153	514.595	461.375	122.5994	1.66339
3071	55.1903	420.306	515.3462	462.5833	122.5994	1.66292
3072	55.2073	426.7845	516.9223	463.7917	122.5994	1.66245
3073	55.2243	502.8486	519.1157	465	122.5994	1.66197
3074	55.2413	472.9389	518.3796	463.3333	122.5994	1.6615
3075	55.2583	482.8706	517.4733	461.6667	122.5994	1.66103
3076	55.2753	448.1276	517.5616	460	122.5994	1.66056
3077	55.2923	452.9645	521.438	458.3333	122.5994	1.66009
3078	55.3093	512.8966	531.6357	456.6667	122.5994	1.65962
3079	55.3263	541.3698	549.9496	455	122.5994	1.65915
3080	55.3433	547.6873	574.6565	453.3333	122.5994	1.65868
3081	55.3603	541.1447	597.9798	451.6667	122.5994	1.65821
3082	55.3773	546.7864	604.1425	450	122.5994	1.65774
3083	55.3943	492.9525	585.2238	448.3333	122.5994	1.65728
3084	55.4113	446.6023	554.3875	446.6667	122.5994	1.65681
3085	55.4283	434.1834	526.168	445	122.5994	1.65634

3086	55.4453	448.005	507.2254	443.3333	122.5994	1.65587
3087	55.4623	473.4761	498.9926	441.6667	122.5994	1.65541
3088	55.4793	478.5481	500.1212	440	122.5994	1.65494
3089	55.4963	474.7008	507.2509	438.3333	122.5994	1.65447
3090	55.5133	467.6509	514.0457	436.6667	122.5994	1.65401
3091	55.5303	451.5841	511.81	435	122.5994	1.65354
3092	55.5473	440.9836	498.6299	433.3333	122.5994	1.65307
3093	55.5643	423.8914	481.8357	431.6667	122.5994	1.65261
3094	55.5813	429.7762	467.1533	430	122.5994	1.65214
3095	55.5983	438.6646	455.8323	428.3333	122.5994	1.65168
3096	55.6153	424.5261	448.9158	426.6667	122.5994	1.65121
3097	55.6323	421.2542	444.8104	425	122.5994	1.65075
3098	55.6493	429.5846	443.9667	424.7083	122.5994	1.65028
3099	55.6663	419.185	444.6021	424.4167	122.5994	1.64982
3100	55.6833	395.7551	446.4017	424.125	122.5994	1.64936
3101	55.7003	425.1105	449.3319	423.8333	122.5994	1.64889
3102	55.7173	435.0225	453.2525	423.5417	122.5994	1.64843
3103	55.7343	451.423	458.0888	423.25	122.5994	1.64797
3104	55.7513	464.601	463.6653	422.9583	122.5994	1.64751
3105	55.7683	404.7961	470.3695	422.6667	122.5994	1.64704
3106	55.7853	434.203	477.2695	422.375	122.5994	1.64658
3107	55.8023	441.7767	483.3144	422.0833	122.5994	1.64612
3108	55.8193	412.908	487.2834	421.7917	122.5994	1.64566
3109	55.8363	433.2012	488.2164	421.5	122.5994	1.6452
3110	55.8533	414.6661	486.2249	421.2083	122.5994	1.64474
3111	55.8703	454.15	482.3167	420.9167	122.5994	1.64428
3112	55.8873	430.2979	477.8369	420.625	122.5994	1.64382
3113	55.9043	401.1389	473.8677	420.3333	122.5994	1.64336
3114	55.9213	403.9841	470.8664	420.0417	122.5994	1.6429
3115	55.9383	441.0513	468.5388	419.75	122.5994	1.64244
3116	55.9553	436.8653	466.9709	419.4583	122.5994	1.64198
3117	55.9723	440.0317	464.9522	419.1667	122.5994	1.64152
3118	55.9893	420.035	462.779	418.875	122.5994	1.64107
3119	56.0063	418.2985	459.8799	418.5833	122.5994	1.64061
3120	56.0233	440.1447	456.1437	418.2917	122.5994	1.64015
3121	56.0403	426.2589	451.7371	418	122.5994	1.63969
3122	56.0573	387.8509	446.7149	417.1667	122.5994	1.63924
3123	56.0743	413.0021	442.1183	416.3333	122.5994	1.63878
3124	56.0913	430.3637	437.9711	415.5	122.5994	1.63832
3125	56.1083	404.0639	434.2159	414.6667	122.5994	1.63787
3126	56.1253	405.8969	431.3385	413.8333	122.5994	1.63741
3127	56.1423	415.3348	429.1639	413	122.5994	1.63696
3128	56.1593	423.1628	427.567	412.1667	122.5994	1.6365
3129	56.1763	429.0489	426.3504	411.3333	122.5994	1.63605
3130	56.1933	448.1274	425.4499	410.5	122.5994	1.63559
3131	56.2103	457.0658	425.0423	409.6667	122.5994	1.63514
3132	56.2273	479.6739	425.2746	408.8333	122.5994	1.63468
3133	56.2443	491.68	426.047	408	122.5994	1.63423
3134	56.2613	507.1326	427.0951	407.1667	122.5994	1.63378

3135	56.2783	503.6517	428.1169	406.3333	122.5994	1.63332
3136	56.2953	500.1207	428.6175	405.5	122.5994	1.63287
3137	56.3123	505.7333	428.1227	404.6667	122.5994	1.63242
3138	56.3293	497.6455	426.7665	403.8333	122.5994	1.63196
3139	56.3463	493.7086	424.9955	403	122.5994	1.63151
3140	56.3633	475.3411	423.2308	402.1667	122.5994	1.63106
3141	56.3803	452.3201	421.7289	401.3333	122.5994	1.63061
3142	56.3973	440.8502	420.5043	400.5	122.5994	1.63016
3143	56.4143	451.4461	419.4348	399.6667	122.5994	1.62971
3144	56.4313	455.9098	418.2846	398.8333	122.5994	1.62926
3145	56.4483	435.8392	416.8186	398	122.5994	1.62881
3146	56.4653	439.7294	414.83	397.1667	122.5994	1.62836
3147	56.4823	416.7304	412.4424	396.3333	122.5994	1.62791
3148	56.4993	406.8391	409.8985	395.5	122.5994	1.62746
3149	56.5163	399.273	407.4161	394.6667	122.5994	1.62701
3150	56.5333	408.1077	404.7086	393.8333	122.5994	1.62656
3151	56.5503	384.4057	402.6344	393	122.5994	1.62611
3152	56.5673	424.5495	400.7354	392.1667	122.5994	1.62566
3153	56.5843	393.7254	398.9713	391.3333	122.5994	1.62521
3154	56.6013	390.749	397.4309	390.5	122.5994	1.62477
3155	56.6183	388.5964	395.9113	389.6667	122.5994	1.62432
3156	56.6353	402.2137	394.5294	388.8333	122.5994	1.62387
3157	56.6523	386.0003	393.2907	388	122.5994	1.62342
3158	56.6693	380.5867	392.2408	387.1667	122.5994	1.62298
3159	56.6863	395.1604	391.3108	386.3333	122.5994	1.62253
3160	56.7033	388.291	390.6447	385.5	122.5994	1.62209
3161	56.7203	407.9217	390.1363	384.6667	122.5994	1.62164
3162	56.7373	372.3405	389.7164	383.8333	122.5994	1.62119
3163	56.7543	357.9695	389.2573	383	122.5994	1.62075
3164	56.7713	379.8653	388.703	382.1667	122.5994	1.6203
3165	56.7883	369.824	388.0099	381.3333	122.5994	1.61986
3166	56.8053	342.2675	387.0269	380.5	122.5994	1.61941
3167	56.8223	377.8247	385.9659	379.6667	122.5994	1.61897
3168	56.8393	387.4947	384.9564	378.8333	122.5994	1.61853
3169	56.8563	385.5009	384.1126	378	122.5994	1.61808
3170	56.8733	380.7495	384.7266	378.375	122.5994	1.61764
3171	56.8903	339.7264	385.5594	378.75	122.5994	1.6172
3172	56.9073	377.9058	386.5666	379.125	122.5994	1.61675
3173	56.9243	393.0146	387.6863	379.5	122.5994	1.61631
3174	56.9413	380.0019	388.708	379.875	122.5994	1.61587
3175	56.9583	365.2598	389.6838	380.25	122.5994	1.61543
3176	56.9753	363.2763	390.4598	380.625	122.5994	1.61499
3177	56.9923	373.7322	390.9624	381	122.5994	1.61454
3178	57.0093	372.7509	391.2295	381.375	122.5994	1.6141
3179	57.0263	374.4523	391.4642	381.75	122.5994	1.61366
3180	57.0433	370.9541	391.8866	382.125	122.5994	1.61322
3181	57.0603	368.9909	392.7128	382.5	122.5994	1.61278
3182	57.0773	343.5655	394.0967	382.875	122.5994	1.61234
3183	57.0943	353.9828	396.0514	383.25	122.5994	1.6119

3184	57.1113	356.4651	398.3755	383.625	122.5994	1.61146
3185	57.1283	342.4805	401.022	384	122.5994	1.61102
3186	57.1453	351.5018	403.415	384.375	122.5994	1.61058
3187	57.1623	357.985	405.1556	384.75	122.5994	1.61015
3188	57.1793	369.2553	406.1437	385.125	122.5994	1.60971
3189	57.1963	370.1678	407.0713	385.5	122.5994	1.60927
3190	57.2133	373.3549	409.1721	385.875	122.5994	1.60883
3191	57.2303	371.4928	413.5133	386.25	122.5994	1.60839
3192	57.2473	391.892	420.1192	386.625	122.5994	1.60796
3193	57.2643	393.2376	427.0148	387	122.5994	1.60752
3194	57.2813	379.8246	429.4081	386.8333	122.5994	1.60708
3195	57.2983	382.0504	425.3798	386.6667	122.5994	1.60665
3196	57.3153	384.1232	418.1284	386.5	122.5994	1.60621
3197	57.3323	369.302	411.2109	386.3333	122.5994	1.60578
3198	57.3493	367.8751	406.3657	386.1667	122.5994	1.60534
3199	57.3663	359.3575	404.0984	386	122.5994	1.6049
3200	57.3833	360.4059	404.3481	385.8333	122.5994	1.60447
3201	57.4003	348.1499	406.5197	385.6667	122.5994	1.60403
3202	57.4173	375.8795	409.4114	385.5	122.5994	1.6036
3203	57.4343	369.9079	410.7556	385.3333	122.5994	1.60317
3204	57.4513	368.6046	408.8641	385.1667	122.5994	1.60273
3205	57.4683	372.3013	404.9895	385	122.5994	1.6023
3206	57.4853	395.0253	401.1842	384.8333	122.5994	1.60186
3207	57.5023	369.2046	398.3506	384.6667	122.5994	1.60143
3208	57.5193	357.1462	396.6228	384.5	122.5994	1.601
3209	57.5363	346.6501	395.7751	384.3333	122.5994	1.60057
3210	57.5533	372.6311	395.5324	384.1667	122.5994	1.60013
3211	57.5703	376.1495	395.5887	384	122.5994	1.5997
3212	57.5873	372.4543	395.8301	383.8333	122.5994	1.59927
3213	57.6043	373.3093	396.1567	383.6667	122.5994	1.59884
3214	57.6213	377.7629	396.5099	383.5	122.5994	1.59841
3215	57.6383	362.7263	396.8533	383.3333	122.5994	1.59798
3216	57.6553	373.2165	397.2507	383.1667	122.5994	1.59755
3217	57.6723	378.6268	397.9118	383	122.5994	1.59711
3218	57.6893	394.2603	398.0158	381.875	122.5994	1.59668
3219	57.7063	407.5234	398.2465	380.75	122.5994	1.59625
3220	57.7233	371.2701	397.1615	379.625	122.5994	1.59582
3221	57.7403	351.3306	394.1732	378.5	122.5994	1.5954
3222	57.7573	374.2562	391.0642	377.375	122.5994	1.59497
3223	57.7743	387.1529	389.0333	376.25	122.5994	1.59454
3224	57.7913	375.3529	387.9002	375.125	122.5994	1.59411
3225	57.8083	382.3061	386.9093	374	122.5994	1.59368
3226	57.8253	366.5801	385.8937	372.875	122.5994	1.59325
3227	57.8423	365.0549	385.064	371.75	122.5994	1.59282
3228	57.8593	376.4102	384.7263	370.625	122.5994	1.5924
3229	57.8763	364.202	383.8081	369.5	122.5994	1.59197
3230	57.8933	366.15	381.5039	368.375	122.5994	1.59154
3231	57.9103	376.4006	378.4677	367.25	122.5994	1.59112
3232	57.9273	354.9081	375.7291	366.125	122.5994	1.59069

3233	57.9443	348.3456	373.5426	365	122.5994	1.59026
3234	57.9613	379.5764	371.635	363.875	122.5994	1.58984
3235	57.9783	381.7477	369.8648	362.75	122.5994	1.58941
3236	57.9953	361.6878	368.365	361.625	122.5994	1.58899
3237	58.0123	359.6332	367.1492	360.5	122.5994	1.58856
3238	58.0293	358.5086	366.0143	359.375	122.5994	1.58814
3239	58.0463	354.6512	364.7735	358.25	122.5994	1.58771
3240	58.0633	361.347	363.2841	357.125	122.5994	1.58729
3241	58.0803	348.6964	361.8001	356	122.5994	1.58686
3242	58.0973	356.0648	360.4959	354.9583	122.5994	1.58644
3243	58.1143	369.6492	359.3931	353.9167	122.5994	1.58602
3244	58.1313	343.2317	358.5819	352.875	122.5994	1.58559
3245	58.1483	355.7925	358.2285	351.8333	122.5994	1.58517
3246	58.1653	376.7555	358.6853	350.7917	122.5994	1.58475
3247	58.1823	377.0256	360.6184	349.75	122.5994	1.58432
3248	58.1993	346.8755	364.3697	348.7083	122.5994	1.5839
3249	58.2163	379.3854	368.4521	347.6667	122.5994	1.58348
3250	58.2333	413.1282	369.0754	346.625	122.5994	1.58306
3251	58.2503	368.4762	364.3473	345.5833	122.5994	1.58264
3252	58.2673	329.5381	357.7992	344.5417	122.5994	1.58221
3253	58.2843	359.9968	352.6649	343.5	122.5994	1.58179
3254	58.3013	361.0481	349.5558	342.4583	122.5994	1.58137
3255	58.3183	356.8155	348.0445	341.4167	122.5994	1.58095
3256	58.3353	331.807	347.9207	340.375	122.5994	1.58053
3257	58.3523	347.6578	349.1133	339.3333	122.5994	1.58011
3258	58.3693	373.7295	351.5013	338.2917	122.5994	1.57969
3259	58.3863	344.0924	353.4576	337.25	122.5994	1.57927
3260	58.4033	360.587	352.7651	336.2083	122.5994	1.57885
3261	58.4203	354.5073	349.1736	335.1667	122.5994	1.57843
3262	58.4373	337.9238	344.6783	334.125	122.5994	1.57802
3263	58.4543	341.2172	341.3128	333.0833	122.5994	1.5776
3264	58.4713	360.088	339.4315	332.0417	122.5994	1.57718
3265	58.4883	322.7575	338.4811	331	122.5994	1.57676
3266	58.5053	314.3188	340.4772	332.625	122.5994	1.57634
3267	58.5223	334.5663	342.2481	334.25	122.5994	1.57593
3268	58.5393	344.0272	343.8921	335.875	122.5994	1.57551
3269	58.5563	376.312	345.7635	337.5	122.5994	1.57509
3270	58.5733	349.8934	347.4997	339.125	122.5994	1.57468
3271	58.5903	367.526	348.7679	340.75	122.5994	1.57426
3272	58.6073	374.0097	350.1695	342.375	122.5994	1.57384
3273	58.6243	379.4538	352.3203	344	122.5994	1.57343
3274	58.6413	382.4704	355.1407	345.625	122.5994	1.57301
3275	58.6583	375.1419	358.1841	347.25	122.5994	1.5726
3276	58.6753	377.6637	361.4987	348.875	122.5994	1.57218
3277	58.6923	374.9378	364.4544	350.5	122.5994	1.57177
3278	58.7093	366.8118	366.4305	352.125	122.5994	1.57135
3279	58.7263	389.2604	368.7822	353.75	122.5994	1.57094
3280	58.7433	406.1954	372.8214	355.375	122.5994	1.57052
3281	58.7603	394.31	377.5543	357	122.5994	1.57011

3282	58.7773	388.8996	379.9203	358.625	122.5994	1.5697
3283	58.7943	370.5335	379.8659	360.25	122.5994	1.56928
3284	58.8113	382.0136	379.945	361.875	122.5994	1.56887
3285	58.8283	350.8649	381.218	363.5	122.5994	1.56846
3286	58.8453	366.0824	383.3581	365.125	122.5994	1.56804
3287	58.8623	349.5975	385.314	366.75	122.5994	1.56763
3288	58.8793	356.5185	386.9756	368.375	122.5994	1.56722
3289	58.8963	379.286	389.051	370	122.5994	1.56681
3290	58.9133	369.2813	389.9283	370.125	122.5994	1.5664
3291	58.9303	395.7745	389.7624	370.25	122.5994	1.56599
3292	58.9473	394.2745	387.7579	370.375	122.5994	1.56557
3293	58.9643	408.6742	385.3004	370.5	122.5994	1.56516
3294	58.9813	365.3235	383.5206	370.625	122.5994	1.56475
3295	58.9983	373.924	382.6273	370.75	122.5994	1.56434
3296	59.0153	404.8028	382.6742	370.875	122.5994	1.56393
3297	59.0323	386.0874	383.7786	371	122.5994	1.56352
3298	59.0493	387.8137	386.0529	371.125	122.5994	1.56311
3299	59.0663	395.7506	388.8146	371.25	122.5994	1.5627
3300	59.0833	392.0729	390.0124	371.375	122.5994	1.56229
3301	59.1003	368.6332	388.6003	371.5	122.5994	1.56189
3302	59.1173	376.4102	386.6859	371.625	122.5994	1.56148
3303	59.1343	378.5686	385.4439	371.75	122.5994	1.56107
3304	59.1513	420.2589	384.8889	371.875	122.5994	1.56066
3305	59.1683	365.8962	384.9978	372	122.5994	1.56025
3306	59.1853	378.0684	385.6758	372.125	122.5994	1.55984
3307	59.2023	393.6831	386.7803	372.25	122.5994	1.55944
3308	59.2193	402.124	388.1951	372.375	122.5994	1.55903
3309	59.2363	394.1061	389.3301	372.5	122.5994	1.55862
3310	59.2533	396.326	389.2356	372.625	122.5994	1.55822
3311	59.2703	364.775	388.1244	372.75	122.5994	1.55781
3312	59.2873	369.5116	386.897	372.875	122.5994	1.5574
3313	59.3043	380.0587	386.1666	373	122.5994	1.557
3314	59.3213	369.7807	386.7046	373.7917	122.5994	1.55659
3315	59.3383	377.2116	387.8092	374.5833	122.5994	1.55619
3316	59.3553	382.9613	389.217	375.375	122.5994	1.55578
3317	59.3723	373.8865	390.6665	376.1667	122.5994	1.55538
3318	59.3893	372.0568	392.0373	376.9583	122.5994	1.55497
3319	59.4063	366.3565	393.203	377.75	122.5994	1.55457
3320	59.4233	375.0069	396.0788	378.5417	122.5994	1.55416
3321	59.4403	379.1445	396.2095	379.3333	122.5994	1.55376
3322	59.4573	375.9896	395.8126	380.125	122.5994	1.55336
3323	59.4743	387.7311	395.3296	380.9167	122.5994	1.55295
3324	59.4913	398.0524	395.1137	381.7083	122.5994	1.55255
3325	59.5083	385.6544	395.3077	382.5	122.5994	1.55215
3326	59.5253	383.1304	395.919	383.2917	122.5994	1.55174
3327	59.5423	374.5224	396.8996	384.0833	122.5994	1.55134
3328	59.5593	395.6009	398.1723	384.875	122.5994	1.55094
3329	59.5763	384.3878	399.6263	385.6667	122.5994	1.55054
3330	59.5933	365.7605	402.2065	386.4583	122.5994	1.55014

3331	59.6103	394.271	403.7666	387.25	122.5994	1.54973
3332	59.6273	397.2696	405.3783	388.0417	122.5994	1.54933
3333	59.6443	400.3797	407.1428	388.8333	122.5994	1.54893
3334	59.6613	418.4966	409.0428	389.625	122.5994	1.54853
3335	59.6783	394.7644	410.9908	390.4167	122.5994	1.54813
3336	59.6953	396.1996	412.6938	391.2083	122.5994	1.54773
3337	59.7123	375.5552	413.9593	392	122.5994	1.54733
3338	59.7293	406.7011	413.8694	392.125	122.5994	1.54693
3339	59.7463	389.8373	413.6909	392.25	122.5994	1.54653
3340	59.7633	421.4825	414.204	392.375	122.5994	1.54613
3341	59.7803	400.4712	415.8019	392.5	122.5994	1.54573
3342	59.7973	417.4444	418.4677	392.625	122.5994	1.54533
3343	59.8143	450.652	422.1116	392.75	122.5994	1.54494
3344	59.8313	469.6235	426.7217	392.875	122.5994	1.54454
3345	59.8483	470.9528	432.4378	393	122.5994	1.54414
3346	59.8653	487.8737	439.8246	393.125	122.5994	1.54374
3347	59.8823	479.6214	450.3816	393.25	122.5994	1.54334
3348	59.8993	552.6237	467.76	393.375	122.5994	1.54295
3349	59.9163	584.9444	500.4446	393.5	122.5994	1.54255
3350	59.9333	696.6542	561.4286	393.625	122.5994	1.54215
3351	59.9503	787.5174	665.4285	393.75	122.5994	1.54176
3352	59.9673	902.1579	817.6516	393.875	122.5994	1.54136
3353	59.9843	981.1131	996.6157	394	122.5994	1.54096
3354	60.0013	1023.378	1131.677	394.125	122.5994	1.54057
3355	60.0183	919.8937	1126.426	394.25	122.5994	1.54017
3356	60.0353	778.36	988.2143	394.375	122.5994	1.53978
3357	60.0523	642.7788	816.7711	394.5	122.5994	1.53938
3358	60.0693	599.8305	680.7869	394.625	122.5994	1.53899
3359	60.0863	617.629	603.116	394.75	122.5994	1.53859
3360	60.1033	619.5212	583.2892	394.875	122.5994	1.5382
3361	60.1203	624.5929	612.6188	395	122.5994	1.5378
3362	60.1373	684.0513	677.8379	395.125	122.5994	1.53741
3363	60.1543	727.6342	754.2805	395.25	122.5994	1.53701
3364	60.1713	714.4447	795.2507	395.375	122.5994	1.53662
3365	60.1883	615.6302	760.9221	395.5	122.5994	1.53623
3366	60.2053	549.8281	675.7192	395.625	122.5994	1.53583
3367	60.2223	497.5109	587.9046	395.75	122.5994	1.53544
3368	60.2393	483.5935	521.287	395.875	122.5994	1.53505
3369	60.2563	454.6347	479.3409	396	122.5994	1.53466
3370	60.2733	428.2482	456.2181	396.125	122.5994	1.53426
3371	60.2903	441.0588	444.1939	396.25	122.5994	1.53387
3372	60.3073	429.9328	437.5025	396.375	122.5994	1.53348
3373	60.3243	424.8625	433.0403	396.5	122.5994	1.53309
3374	60.3413	445.3762	429.2278	396.625	122.5994	1.5327
3375	60.3583	435.5444	425.8064	396.75	122.5994	1.53231
3376	60.3753	405.2425	422.8441	396.875	122.5994	1.53192
3377	60.3923	422.0383	420.5571	397	122.5994	1.53153
3378	60.4093	412.5541	419.1436	397.125	122.5994	1.53113
3379	60.4263	410.9819	418.8082	397.25	122.5994	1.53074

3380	60.4433	413.3518	419.3975	397.375	122.5994	1.53035
3381	60.4603	394.65	420.8714	397.5	122.5994	1.52997
3382	60.4773	405.9673	422.9021	397.625	122.5994	1.52958
3383	60.4943	421.5694	424.8168	397.75	122.5994	1.52919
3384	60.5113	383.3674	425.3675	397.875	122.5994	1.5288
3385	60.5283	401.3764	424.8903	398	122.5994	1.52841
3386	60.5453	411.3728	423.7186	398	122.5994	1.52802
3387	60.5623	375.0286	422.2994	398	122.5994	1.52763
3388	60.5793	378.7709	421.9956	398	122.5994	1.52724
3389	60.5963	390.79	423.4326	398	122.5994	1.52686
3390	60.6133	418.0094	426.4071	398	122.5994	1.52647
3391	60.6303	408.7306	430.6535	398	122.5994	1.52608
3392	60.6473	431.7544	435.8901	398	122.5994	1.52569
3393	60.6643	416.3952	441.4328	398	122.5994	1.52531
3394	60.6813	400.1694	446.2704	398	122.5994	1.52492
3395	60.6983	424.1046	448.2015	398	122.5994	1.52453
3396	60.7153	415.4425	449.3867	398	122.5994	1.52415
3397	60.7323	398.3245	447.4584	398	122.5994	1.52376
3398	60.7493	381.5262	443.5409	398	122.5994	1.52338
3399	60.7663	424.9796	439.2965	398	122.5994	1.52299
3400	60.7833	366.3198	435.637	398	122.5994	1.52261
3401	60.8003	378.8467	432.8067	398	122.5994	1.52222
3402	60.8173	395.5475	429.9708	398	122.5994	1.52184
3403	60.8343	404.2858	429.1452	398	122.5994	1.52145
3404	60.8513	375.8845	429.1863	398	122.5994	1.52107
3405	60.8683	385.3085	429.8554	398	122.5994	1.52068
3406	60.8853	381.491	429.964	398	122.5994	1.5203
3407	60.9023	395.972	429.1946	398	122.5994	1.51992
3408	60.9193	398.511	427.7067	398	122.5994	1.51953
3409	60.9363	392.3895	425.7994	398	122.5994	1.51915
3410	60.9533	391.0312	423.8007	398.375	122.5994	1.51877
3411	60.9703	420.5049	421.2813	398.75	122.5994	1.51838
3412	60.9873	403.1128	418.9184	399.125	122.5994	1.518
3413	61.0043	393.3915	417.1335	399.5	122.5994	1.51762
3414	61.0213	398.6198	416.183	399.875	122.5994	1.51724
3415	61.0383	427.0397	416.2497	400.25	122.5994	1.51685
3416	61.0553	412.4458	416.9515	400.625	122.5994	1.51647
3417	61.0723	396.1082	418.2259	401	122.5994	1.51609
3418	61.0893	375.9205	419.7081	401.375	122.5994	1.51571
3419	61.1063	371.0416	421.2019	401.75	122.5994	1.51533
3420	61.1233	389.7482	422.3639	402.125	122.5994	1.51495
3421	61.1403	411.8207	423.0753	402.5	122.5994	1.51457
3422	61.1573	398.3891	423.1495	402.875	122.5994	1.51419
3423	61.1743	369.5624	421.7038	403.25	122.5994	1.51381
3424	61.1913	383.7262	419.7478	403.625	122.5994	1.51343
3425	61.2083	417.882	418.4055	404	122.5994	1.51305
3426	61.2253	403.1819	418.0084	404.375	122.5994	1.51267
3427	61.2423	421.1149	418.5086	404.75	122.5994	1.51229
3428	61.2593	420.4649	419.8314	405.125	122.5994	1.51191

3429	61.2763	410.0612	421.9981	405.5	122.5994	1.51153
3430	61.2933	404.8601	424.8179	405.875	122.5994	1.51115
3431	61.3103	420.2666	427.2495	406.25	122.5994	1.51078
3432	61.3273	414.3257	427.2895	406.625	122.5994	1.5104
3433	61.3443	405.2324	425.0596	407	122.5994	1.51002
3434	61.3613	400.5933	422.2545	406.6667	122.5994	1.50964
3435	61.3783	403.5181	420.7641	406.3333	122.5994	1.50926
3436	61.3953	378.8563	420.6794	406	122.5994	1.50889
3437	61.4123	402.1237	421.5065	405.6667	122.5994	1.50851
3438	61.4293	396.3602	423.8388	405.3333	122.5994	1.50813
3439	61.4463	403.8471	427.5894	405	122.5994	1.50776
3440	61.4633	453.3758	432.8007	404.6667	122.5994	1.50738
3441	61.4803	457.6446	438.6727	404.3333	122.5994	1.50701
3442	61.4973	440.028	443.1766	404	122.5994	1.50663
3443	61.5143	418.4327	445.1615	403.6667	122.5994	1.50625
3444	61.5313	452.625	445.4277	403.3333	122.5994	1.50588
3445	61.5483	439.359	444.5367	403	122.5994	1.5055
3446	61.5653	429.5339	442.6415	402.6667	122.5994	1.50513
3447	61.5823	460.9955	439.7707	402.3333	122.5994	1.50475
3448	61.5993	434.8911	436.8678	402	122.5994	1.50438
3449	61.6163	464.0949	434.4173	401.6667	122.5994	1.504
3450	61.6333	451.0893	432.9818	401.3333	122.5994	1.50363
3451	61.6503	446.8654	432.8747	401	122.5994	1.50326
3452	61.6673	471.0307	434.0034	400.6667	122.5994	1.50288
3453	61.6843	486.3775	436.1344	400.3333	122.5994	1.50251
3454	61.7013	482.4815	439.1413	400	122.5994	1.50214
3455	61.7183	459.3821	441.6144	399.6667	122.5994	1.50176
3456	61.7353	469.5722	440.6671	399.3333	122.5994	1.50139
3457	61.7523	484.0645	437.0137	399	122.5994	1.50102
3458	61.7693	482.2777	433.6536	398.6667	122.5994	1.50065
3459	61.7863	490.4207	431.7061	398.3333	122.5994	1.50027
3460	61.8033	476.7013	430.9389	398	122.5994	1.4999
3461	61.8203	444.3008	430.5558	397.6667	122.5994	1.49953
3462	61.8373	467.9325	430.1635	397.3333	122.5994	1.49916
3463	61.8543	481.8055	429.6432	397	122.5994	1.49879
3464	61.8713	462.0966	429.2628	396.6667	122.5994	1.49842
3465	61.8883	454.2392	428.7026	396.3333	122.5994	1.49805
3466	61.9053	450.4372	426.5884	396	122.5994	1.49768
3467	61.9223	426.7644	423.0879	395.6667	122.5994	1.49731
3468	61.9393	435.9842	419.9813	395.3333	122.5994	1.49694
3469	61.9563	423.8928	418.0647	395	122.5994	1.49657
3470	61.9733	426.4122	416.9865	394.6667	122.5994	1.4962
3471	61.9903	445.2242	415.9649	394.3333	122.5994	1.49583
3472	62.0073	437.9222	414.8423	394	122.5994	1.49546
3473	62.0243	429.6751	413.6714	393.6667	122.5994	1.49509
3474	62.0413	404.9637	412.5344	393.3333	122.5994	1.49472
3475	62.0583	417.1639	411.4336	393	122.5994	1.49435
3476	62.0753	411.8639	410.1139	392.6667	122.5994	1.49398
3477	62.0923	392.2288	408.8622	392.3333	122.5994	1.49361

3478	62.1093	410.8456	408.188	392	122.5994	1.49325
3479	62.1263	383.0362	408.2935	391.6667	122.5994	1.49288
3480	62.1433	403.4125	408.7859	391.3333	122.5994	1.49251
3481	62.1603	401.0456	408.6927	391	122.5994	1.49214
3482	62.1773	364.9342	406.9858	390.25	122.5994	1.49178
3483	62.1943	400.6083	404.6229	389.5	122.5994	1.49141
3484	62.2113	377.9468	402.183	388.75	122.5994	1.49104
3485	62.2283	399.0805	399.9874	388	122.5994	1.49068
3486	62.2453	372.9758	397.8751	387.25	122.5994	1.49031
3487	62.2623	396.0166	396.2244	386.5	122.5994	1.48994
3488	62.2793	388.1604	395.229	385.75	122.5994	1.48958
3489	62.2963	391.8101	394.7984	385	122.5994	1.48921
3490	62.3133	388.4195	394.7112	384.25	122.5994	1.48885
3491	62.3303	393.1006	394.4791	383.5	122.5994	1.48848
3492	62.3473	401.3696	393.6704	382.75	122.5994	1.48812
3493	62.3643	378.6483	392.3377	382	122.5994	1.48775
3494	62.3813	371.7323	390.8088	381.25	122.5994	1.48739
3495	62.3983	385.2778	389.1328	380.5	122.5994	1.48702
3496	62.4153	375.5634	387.3264	379.75	122.5994	1.48666
3497	62.4323	387.2734	385.7297	379	122.5994	1.48629
3498	62.4493	385.0757	384.434	378.25	122.5994	1.48593
3499	62.4663	385.0447	383.3653	377.5	122.5994	1.48557
3500	62.4833	375.2192	382.3978	376.75	122.5994	1.4852
3501	62.5003	370.1812	381.4043	376	122.5994	1.48484
3502	62.5173	369.8473	380.3581	375.25	122.5994	1.48448
3503	62.5343	374.8105	379.1528	374.5	122.5994	1.48411
3504	62.5513	367.7124	378.1389	373.75	122.5994	1.48375
3505	62.5683	372.4543	377.1376	373	122.5994	1.48339
3506	62.5853	377.3787	376.1411	372.2083	122.5994	1.48303
3507	62.6023	372.371	375.3901	371.4167	122.5994	1.48267
3508	62.6193	365.9367	375.1006	370.625	122.5994	1.4823
3509	62.6363	369.0505	375.4234	369.8333	122.5994	1.48194
3510	62.6533	370.6012	376.113	369.0417	122.5994	1.48158
3511	62.6703	354.707	376.2555	368.25	122.5994	1.48122
3512	62.6873	351.5401	374.9467	367.4583	122.5994	1.48086
3513	62.7043	366.5241	372.7201	366.6667	122.5994	1.4805
3514	62.7213	358.1042	370.8207	365.875	122.5994	1.48014
3515	62.7383	367.3443	369.4261	365.0833	122.5994	1.47978
3516	62.7553	361.9758	368.3371	364.2917	122.5994	1.47942
3517	62.7723	368.3315	367.2687	363.5	122.5994	1.47906
3518	62.7893	355.9557	366.3183	362.7083	122.5994	1.4787
3519	62.8063	340.7893	365.7188	361.9167	122.5994	1.47834
3520	62.8233	351.875	365.5063	361.125	122.5994	1.47798
3521	62.8403	368.5241	365.3316	360.3333	122.5994	1.47762
3522	62.8573	375.3906	364.5655	359.5417	122.5994	1.47726
3523	62.8743	370.3855	363.2792	358.75	122.5994	1.4769
3524	62.8913	377.9138	361.9382	357.9583	122.5994	1.47655
3525	62.9083	370.7402	360.8896	357.1667	122.5994	1.47619
3526	62.9253	340.0895	360.1302	356.375	122.5994	1.47583

3527	62.9423	354.194	359.4948	355.5833	122.5994	1.47547
3528	62.9593	343.9737	358.9029	354.7917	122.5994	1.47512
3529	62.9763	366.2158	358.3716	354	122.5994	1.47476
3530	62.9933	351.046	358.6409	353.9583	122.5994	1.4744
3531	63.0103	356.8189	358.9261	353.9167	122.5994	1.47404
3532	63.0273	372.0565	359.1755	353.875	122.5994	1.47369
3533	63.0443	357.328	359.3398	353.8333	122.5994	1.47333
3534	63.0613	365.1891	359.4588	353.7917	122.5994	1.47297
3535	63.0783	381.9461	359.4594	353.75	122.5994	1.47262
3536	63.0953	329.434	359.0483	353.7083	122.5994	1.47226
3537	63.1123	357.4849	358.3464	353.6667	122.5994	1.47191
3538	63.1293	358.6543	357.7621	353.625	122.5994	1.47155
3539	63.1463	338.6051	357.4525	353.5833	122.5994	1.4712
3540	63.1633	339.6084	357.3849	353.5417	122.5994	1.47084
3541	63.1803	347.2606	357.4644	353.5	122.5994	1.47049
3542	63.1973	355.5565	357.6646	353.4583	122.5994	1.47013
3543	63.2143	360.1035	357.9923	353.4167	122.5994	1.46978
3544	63.2313	345.6909	358.5362	353.375	122.5994	1.46942
3545	63.2483	359.1032	359.4918	353.3333	122.5994	1.46907
3546	63.2653	347.7782	361.2821	353.2917	122.5994	1.46872
3547	63.2823	312.2636	364.365	353.25	122.5994	1.46836
3548	63.2993	336.1029	369.006	353.2083	122.5994	1.46801
3549	63.3163	338.5275	373.29	353.1667	122.5994	1.46765
3550	63.3333	328.1256	373.1908	353.125	122.5994	1.4673
3551	63.3503	326.5232	368.805	353.0833	122.5994	1.46695
3552	63.3673	356.4622	364.4463	353.0417	122.5994	1.4666
3553	63.3843	357.8283	361.7483	353	122.5994	1.46624
3554	63.4013	351.7287	361.356	353.5	122.5994	1.46589
3555	63.4183	356.8274	362.0501	354	122.5994	1.46554
3556	63.4353	366.6532	363.4174	354.5	122.5994	1.46519
3557	63.4523	355.098	365.6044	355	122.5994	1.46484
3558	63.4693	346.2646	368.2276	355.5	122.5994	1.46449
3559	63.4863	341.4443	370.3712	356	122.5994	1.46413
3560	63.5033	347.8028	371.3667	356.5	122.5994	1.46378
3561	63.5203	343.8295	369.6572	357	122.5994	1.46343
3562	63.5373	351.0296	367.2344	357.5	122.5994	1.46308
3563	63.5543	346.6637	365.597	358	122.5994	1.46273
3564	63.5713	366.1446	364.9936	358.5	122.5994	1.46238
3565	63.5883	361.9603	365.1341	359	122.5994	1.46203
3566	63.6053	350.7604	365.5836	359.5	122.5994	1.46168
3567	63.6223	369.1299	366.1906	360	122.5994	1.46133
3568	63.6393	361.9886	366.8004	360.5	122.5994	1.46098
3569	63.6563	360.094	367.1249	361	122.5994	1.46063
3570	63.6733	331.7571	367.6942	361.5	122.5994	1.46028
3571	63.6903	350.9709	368.5354	362	122.5994	1.45994
3572	63.7073	350.9805	370.0463	362.5	122.5994	1.45959
3573	63.7243	356.0946	372.614	363	122.5994	1.45924
3574	63.7413	353.8673	376.3643	363.5	122.5994	1.45889
3575	63.7583	377.5949	380.2964	364	122.5994	1.45854

3576	63.7753	369.525	381.8802	364.5	122.5994	1.45819
3577	63.7923	361.4901	380.9263	365	122.5994	1.45785
3578	63.8093	372.0383	379.429	365.0969	122.5994	1.4575
3579	63.8263	331.894	379.1855	365.1938	122.5994	1.45715
3580	63.8433	380.0851	380.869	365.2906	122.5994	1.4568
3581	63.8603	361.2645	385.0488	365.3875	122.5994	1.45646
3582	63.8773	370.364	391.6518	365.4844	122.5994	1.45611
3583	63.8943	401.8136	398.1704	365.5813	122.5994	1.45576
3584	63.9113	373.5374	399.7378	365.6782	122.5994	1.45542
3585	63.9283	381.5603	397.3589	365.7751	122.5994	1.45507
3586	63.9453	369.0164	395.3023	365.8719	122.5994	1.45473
3587	63.9623	415.7722	394.86	365.9688	122.5994	1.45438
3588	63.9793	390.6821	397.169	366.0657	122.5994	1.45404
3589	63.9963	390.5351	403.4268	366.1626	122.5994	1.45369
3590	64.0133	421.7305	415.4066	366.2595	122.5994	1.45335
3591	64.0303	455.8643	435.4443	366.3563	122.5994	1.453
3592	64.0473	501.5969	464.6096	366.4532	122.5994	1.45266
3593	64.0643	504.4055	499.0176	366.5501	122.5994	1.45231
3594	64.0813	489.3307	525.1895	366.647	122.5994	1.45197
3595	64.0983	435.3762	524.3793	366.7439	122.5994	1.45162
3596	64.1153	413.0722	497.1587	366.8408	122.5994	1.45128
3597	64.1323	376.3104	462.7744	366.9376	122.5994	1.45094
3598	64.1493	375.7551	434.9035	367.0345	122.5994	1.45059
3599	64.1663	407.8433	417.4816	367.1314	122.5994	1.45025
3600	64.1833	394.3273	409.6244	367.2283	122.5994	1.44991
3601	64.2003	395.7442	409.7693	367.3252	122.5994	1.44956
3602	64.2173	413.5447	416.8777	367.422	122.5994	1.44922
3603	64.2343	434.8225	429.2189	367.5189	122.5994	1.44888
3604	64.2513	428.0604	442.6096	367.6158	122.5994	1.44854
3605	64.2683	413.8087	448.8488	367.7127	122.5994	1.44819
3606	64.2853	407.5707	441.3983	367.8096	122.5994	1.44785
3607	64.3023	383.2743	425.3759	367.9065	122.5994	1.44751
3608	64.3193	382.9496	409.356	368.0033	122.5994	1.44717
3609	64.3363	372.3383	397.4856	368.1002	122.5994	1.44683
3610	64.3533	358.576	390.1958	368.1971	122.5994	1.44649
3611	64.3703	386.0943	386.348	368.294	122.5994	1.44614
3612	64.3873	380.7476	384.3381	368.3909	122.5994	1.4458
3613	64.4043	378.1017	382.2826	368.4877	122.5994	1.44546
3614	64.4213	349.5167	379.7458	368.5846	122.5994	1.44512
3615	64.4383	333.0415	377.6585	368.6815	122.5994	1.44478
3616	64.4553	363.3586	376.3963	368.7784	122.5994	1.44444
3617	64.4723	366.3734	375.7648	368.8753	122.5994	1.4441
3618	64.4893	384.054	375.7039	368.9722	122.5994	1.44376
3619	64.5063	365.0529	376.3934	369.069	122.5994	1.44342
3620	64.5233	401.8498	377.8998	369.1659	122.5994	1.44308
3621	64.5403	369.6615	379.9467	369.2628	122.5994	1.44275
3622	64.5573	357.7737	381.2376	369.3597	122.5994	1.44241
3623	64.5743	350.2499	380.5551	369.4566	122.5994	1.44207
3624	64.5913	325.2406	378.6288	369.5534	122.5994	1.44173

3625	64.6083	382.7096	376.812	369.6503	122.5994	1.44139
3626	64.6253	380.1393	375.817	369.7472	122.5994	1.44105
3627	64.6423	368.2102	375.3248	369.8441	122.5994	1.44071
3628	64.6593	342.1387	374.8766	369.941	122.5994	1.44038
3629	64.6763	344.1399	374.5861	370.0379	122.5994	1.44004
3630	64.6933	370.9654	374.7463	370.1347	122.5994	1.4397
3631	64.7103	348.5658	375.3888	370.2316	122.5994	1.43936
3632	64.7273	309.7441	376.1275	370.3285	122.5994	1.43903
3633	64.7443	337.6639	376.1568	370.4254	122.5994	1.43869
3634	64.7613	349.1276	375.1339	370.5223	122.5994	1.43835
3635	64.7783	326.1357	374.5165	370.6192	122.5994	1.43802
3636	64.7953	326.6489	374.2224	370.716	122.5994	1.43768
3637	64.8123	343.744	374.2301	370.8129	122.5994	1.43735
3638	64.8293	345.4664	374.3246	370.9098	122.5994	1.43701
3639	64.8463	404.5858	374.451	371.0067	122.5994	1.43667
3640	64.8633	385.6383	374.8617	371.1036	122.5994	1.43634
3641	64.8803	353.8806	375.9717	371.2004	122.5994	1.436
3642	64.8973	351.3245	378.4086	371.2973	122.5994	1.43567
3643	64.9143	365.3978	382.6899	371.3942	122.5994	1.43533
3644	64.9313	350.325	387.9257	371.4911	122.5994	1.435
3645	64.9483	354.2079	391.3068	371.588	122.5994	1.43466
3646	64.9653	356.0286	389.2458	371.6849	122.5994	1.43433
3647	64.9823	371.7817	384.7421	371.6849	122.5994	1.434

International geochemical reference standard	Alternative Reference	Origin
<i>GSD-1</i>	GBW 07310	China IGGE IRMA
<i>GSD-2</i>	GBW 07302	China
<i>GSD-3</i>	GBW 07303	China
<i>GSD-4</i>	GBW 07304	China
<i>GSD-5</i>	GBW 07305	China
<i>GSD-6</i>	GBW 07306	China
<i>GSD-7</i>	GBW 07307	China
<i>GSD-8</i>	GBW 07308	China IGGE IRMA
<i>GSD-9</i>	GBW 01309	China IGGE IRMA
<i>GSD-10</i>	GBW 07310	China
<i>GSD-11</i>	GBW 07311	China
<i>GSD-12</i>	GBW 07312	China
<i>GSS-1</i>	GBW 07401	China
<i>GSS-2</i>	GBW 07402	China
<i>GSS-3</i>	GBW 07403	China
<i>GSS-4</i>	GBW 07404	China
<i>GSS-5</i>	GBW 07405	China
<i>GSS-6</i>	GBW 07406	China
<i>GSS-7</i>	GBW 07407	China
<i>GSS-8</i>	GBW 07408	China
<i>JSD-1</i>		Geological Survey of Japan
<i>MAG-1</i>		U.S. Dept. of the Int. Geo. Survey

IGGE: Institute of Geophysical and Geochemical Exploration

IRMA: Institute of Rock and Mineral Analysis

GSJ: Geological Survey of Japan

USGS: United States Geological Survey

ND: No data

BDL: Below detection limit

**Accepted values (% concentration) for international geochem
calibration software**

Issuing Body	Description	SiO₂	TiO₂	Al₂O₃	Fe₂O₃	MnO
IGGE	Stream Sediment	58.43	0.98	14.83	4.83	0.12
IGGE	Stream Sediment	69.90	0.23	15.72	1.27	0.03
IGGE	Stream Sediment	71.28	1.06	12.04	5.72	0.05
IGGE	Pond Sediment	52.51	0.89	15.67	4.89	0.11
IGGE	Pond Sediment	56.36	0.9	15.37	4.80	0.15
IGGE	Stream Sediment	61.23	0.78	14.16	4.14	0.13
IGGE	Stream Sediment	64.63	0.75	13.44	4.87	0.09
IGGE	Stream Sediment 142308	82.9	0.31	7.71	1.59	0.04
IGGE	Sediment 300603	64.89	0.92	10.58	3.17	0.08
IGGE	Stream Sediment	88.89	0.21	2.84	3.59	0.13
IGGE	Stream Sediment	76.25	0.35	10.37	4.01	0.32
IGGE	Stream Sediment	77.29	0.25	9.3	3.56	0.18
IGGE	Dark Brown Soil	62.6	0.81	14.18	3.78	0.23
IGGE	Chestnut Soil	73.35	0.45	10.31	2.90	0.07
IGGE	Yellow Brown Soil	74.72	0.37	12.24	0.47	0.04
IGGE	Limy Soil	50.95	1.8	23.45	9.84	0.18
IGGE	Yellow Red Soil	52.57	1.05	21.58	1.38	0.18
IGGE	Yellow Red Soil	53.93	0.73	21.23	7.46	0.19
IGGE	Laterite Soil	32.69	3.36	29.26	17.59	0.23
IGGE	Loess	58.61	0.63	11.92	3.15	0.08
GSJ	Stream Sediment	66.42	0.65	14.66	3.55	0.093
USGS-AEG	Marine mud (Gulf of Maine)	50.36	0.751	16.37	3.49	0.098

MgO	CaO	Na2O	K2O	P2O5	LOI	Sum	Ba
4.14	4.6	3.5	2.77	0.34	2.29	96.83	950
0.21	0.25	3.04	5.19	0.05	3.13	99.02	185
0.7	0.22	0.32	2.46	0.14	4.99	98.98	615
1.04	7.52	0.3	2.23	0.11	13.60	98.87	470
0.98	5.34	0.4	2.1	0.14	12.20	98.74	440
3	3.87	2.31	2.44	0.23	5.83	98.12	330
3.06	1.66	1.21	3.55	0.19	4.60	98.05	720
0.25	0.25	0.47	2.83	0.03	2.73	99.11	480
2.39	5.35	1.44	1.99	0.15	7.42	98.38	430
0.12	0.7	0.04	0.125	0.062	2.91	99.62	42
0.62	0.47	0.46	3.28	0.059	2.95	99.14	260
0.47	1.16	0.44	2.91	0.055	2.50	98.11	206
1.81	1.72	1.66	2.59	0.17	8.59	98.14	590
1.04	2.36	1.62	2.54	0.1	4.41	99.15	930
0.58	1.27	2.71	3.04	0.073	2.65	98.16	1210
0.49	0.26	0.112	1.03	0.16	10.88	99.15	213
0.61	0.10	0.122	1.5	0.09	9.14	88.32	296
0.34	0.22	0.19	1.7	0.07	10.00	96.06	118
0.26	0.16	0.07	0.2	0.26	14.30	98.38	180
2.38	8.27	1.72	2.24	0.18	9.15	98.33	480
1.85	3.07	2.73	2.19	0.12	3.14	98.47	ND
3	1.37	3.83	3.55	0.163	ND	82.98	479

Values (ppm concentration) for international geochemical reference standards used in the Bruker AXS S1CalProcess calibration software and subsequent LRCE.

V	Cr	Ni	Cu	Zn	Rb	Zr	SiO2
121	194	76	21.8	79	116	310	54.47
16.5	12.20	5.50	4.9	44	470	460	80.92
120	87	25.6	177	52	79	220	70.47
118	81	40	37.3	101	130	188	69.74
109	70	34	137	243	118	220	64.71
142	190	78	383	144	107	170	65.63
96	122	53	38	238	147	162	49.45
26	7.60	2.70	4.1	43	132	490	52.10
97	85	32.3	32.1	78	80	370	55.92
107	136	30.2	22.6	46	9.2	70	59.98
46.8	40	14.4	78.6	373	408	153	77.13
46.6	35	12.8	1230	498	270	234	58.35
86	62	20.4	21	680	140	245	58.73
62	47	19.4	16.3	42.3	88	219	65.50
36.5	32	12.2	11.4	31.4	85	246	69.29
247	370	64.2	40.5	210	75	500	43.45
166	118	40	144	494	117	272	45.16
130	75	53	390	96.6	237	220	46.22
245	410	276	97	142	15.8	318	33.06
81.4	68	31.5	24.3	68	96	229	52.37
81	22	6.9	22.2	99	65	ND	59.74
140	97	53	30	130	149	126	48.20

Minimum values (following Mudrock calibration of PXRF) (%)

TiO2	Al2O3	Fe2O3	MnO	MgO	CaO	Na2O	K2O
0.57	14.18	6.40	0.08	2.23	4.17	0.91	0.51
0.08	2.84	3.06	0.15	0.09	0.72	0.86	0.22
0.19	10.51	3.50	0.29	0.71	0.53	0.30	1.35
0.07	9.51	4.09	0.18	0.77	1.06	1.15	1.15
0.13	14.89	3.05	0.05	0.08	0.40	1.98	3.06
0.84	12.03	6.19	0.06	1.24	0.28	0.90	0.69
0.52	14.92	5.58	0.09	1.36	6.79	0.87	0.56
0.57	15.13	5.48	0.13	1.38	4.94	0.73	0.74
0.43	13.51	5.59	0.10	2.09	3.63	1.09	0.75
0.48	13.56	6.36	0.08	1.78	1.59	0.97	0.74
0.51	6.98	2.75	0.06	BDL	0.27	0.41	1.58
0.56	11.46	4.92	0.07	2.35	5.46	1.04	0.67
0.62	13.40	4.99	0.21	1.53	1.59	0.98	1.17
0.30	9.79	3.77	0.06	1.30	1.99	1.45	1.59
0.32	10.88	2.91	0.05	0.06	1.21	1.64	2.13
1.57	23.46	10.85	0.18	0.97	0.26	0.62	0.09
0.80	22.23	12.24	0.17	0.84	0.16	0.41	-0.06
0.59	22.55	8.94	0.20	0.94	0.27	0.70	0.52
2.85	26.77	17.13	0.21	14.93	0.12	BDL	-0.22
0.27	12.48	4.43	0.08	2.61	7.92	1.02	0.79
0.47	13.56	5.27	0.10	1.31	2.77	1.22	1.00
0.27	16.08	3.96	0.08	2.95	0.37	BDL	1.41

Minimum values (following Mudrock calibration of PXRF) (ppm)

P2O5	Ba	V	Cr	Ni	Cu	Zn	Rb
0.20	0.47	0.10	0.10	0.10	74.35	21.41	114.28
0.04	0.17	0.06	0.11	0.11	28.32	21.55	9.69
0.08	0.38	0.07	0.07	0.07	9.48	68.19	349.96
0.09	0.32	0.06	0.07	0.07	14.99	1223.19	491.99
0.08	0.27	0.06	0.07	0.07	6.59	11.23	42.94
0.11	0.48	0.12	0.07	0.07	34.69	199.55	50.60
0.17	0.47	0.10	0.04	0.04	39.81	35.45	105.80
0.16	0.38	0.10	0.04	0.04	34.15	134.45	259.30
0.18	0.36	0.09	0.10	0.10	78.04	428.92	163.79
0.15	0.47	0.10	0.10	0.10	48.74	35.90	249.25
0.04	0.46	0.09	0.03	0.03	2.59	5.10	47.16
0.15	0.40	0.10	0.05	0.05	33.17	36.24	81.62
0.15	0.45	0.10	0.06	0.06	21.43	26.58	721.80
0.10	0.44	0.07	0.05	0.05	18.66	21.23	41.17
0.08	0.44	0.07	0.05	0.05	11.63	14.08	27.03
0.13	0.20	0.17	0.31	0.31	69.27	38.60	226.01
0.12	0.27	0.12	0.15	0.15	34.09	99.09	384.63
0.10	0.23	0.10	0.10	0.10	41.45	350.19	78.63
0.15	0.12	0.27	0.44	0.44	275.54	86.03	151.62
0.18	0.45	0.08	0.05	0.05	30.29	26.93	66.98
0.14	0.46	0.09	0.04	0.04	11.95	31.22	103.51
0.00	-0.04	0.04	0.04	0.04	41.93	17.39	117.69

Maximum values (following Mudrock calibration of PX)

Zr	SiO2	TiO2	Al2O3	Fe2O3	MnO	MgO	CaO
323.67	59.31	0.87	15.89	6.68	0.09	12.09	4.52
66.23	89.81	0.29	5.37	4.35	0.16	8.19	0.92
138.15	77.03	0.40	12.07	3.69	0.31	9.84	0.58
207.25	76.93	0.29	11.79	4.46	0.19	10.26	1.22
433.82	70.53	0.28	16.17	3.12	0.05	9.08	0.44
204.60	72.06	1.09	14.43	6.88	0.06	10.92	0.35
178.22	54.39	0.83	16.48	6.13	0.10	11.09	7.26
198.49	57.22	0.83	16.48	6.13	0.14	10.93	5.39
192.21	61.45	0.70	15.81	5.91	0.11	11.80	4.01
156.85	66.21	0.76	15.74	6.64	0.08	12.24	1.74
454.09	83.73	0.69	8.58	3.26	0.07	8.97	0.39
359.61	64.19	0.85	12.77	4.94	0.08	10.68	6.00
251.93	64.63	0.85	16.48	5.51	0.22	10.96	1.80
209.28	73.45	0.50	13.11	3.89	0.07	10.02	2.50
274.61	75.70	0.45	12.73	3.04	0.06	8.17	1.39
418.32	49.25	1.87	24.67	11.19	0.19	13.21	0.35
143.53	50.24	1.14	23.77	12.98	0.19	12.82	0.19
161.07	53.57	0.84	23.91	9.24	0.21	11.64	0.32
264.98	37.41	3.34	28.46	18.07	0.23	14.93	0.22
217.08	56.96	0.56	13.60	4.83	0.08	10.73	8.41
158.21	66.50	0.69	15.27	5.28	0.10	9.85	3.06
113.97	50.43	0.63	16.83	4.48	0.09	5.26	0.53

RF) (%)

Maximum values (following Mudrock calibra

Na2O	K2O	P2O5	Ba	V	Cr	Ni	Cu
6.13	2.63	0.22	0.81	0.11	0.12	79.75	24.36
2.48	0.55	0.11	0.42	0.08	0.13	32.54	24.83
2.41	3.31	0.12	0.44	0.08	0.08	13.78	71.09
2.81	2.91	0.12	0.42	0.07	0.09	21.24	1233.33
2.79	5.47	0.10	0.42	0.07	0.08	10.30	13.08
3.97	2.63	0.14	0.59	0.13	0.08	39.81	201.01
6.32	2.26	0.18	0.58	0.11	0.05	47.16	37.47
4.79	2.25	0.18	0.47	0.11	0.05	39.10	139.93
4.30	2.42	0.18	0.46	0.10	0.12	86.23	435.24
5.51	3.52	0.17	0.62	0.10	0.11	54.17	37.57
2.34	3.24	0.11	0.55	0.09	0.04	6.50	6.91
5.14	2.18	0.19	0.49	0.11	0.06	38.81	39.01
2.40	2.60	0.15	0.68	0.11	0.07	26.15	30.00
1.94	2.71	0.14	0.81	0.08	0.09	22.73	22.91
1.99	3.43	0.12	1.09	0.08	0.06	15.47	14.55
6.40	1.37	0.18	0.43	0.19	0.33	75.66	43.74
8.03	1.77	0.17	0.47	0.14	0.17	43.22	99.64
4.78	1.96	0.14	0.47	0.11	0.11	53.41	360.79
15.37	0.59	0.25	0.22	0.29	0.46	284.48	90.04
5.64	2.48	0.19	0.56	0.09	0.06	34.54	27.97
2.55	2.28	0.16	0.60	0.10	0.05	16.80	31.62
3.87	2.97	0.06	0.42	0.08	0.04	47.68	19.57

ation of PXRF) (ppm)

Zn	Rb	Zr
94.42	127.09	333.81
48.95	15.53	96.01
353.13	395.80	156.59
499.31	265.75	234.65
45.94	509.52	461.47
55.58	86.52	244.99
109.29	137.18	195.17
268.04	119.88	210.73
164.97	122.00	203.74
254.76	155.32	177.86
50.31	156.33	504.44
84.73	93.86	375.25
734.24	152.28	275.58
43.96	103.53	239.67
31.84	102.19	313.26
239.81	74.78	462.92
391.78	68.95	175.57
80.54	205.10	185.50
161.78	14.44	303.81
70.06	106.02	240.80
110.36	83.58	177.40
125.66	173.19	135.70
