

```
# 2-2 pair potential for the n-CG-PI water system
# First row = index for each row
# Second row = distance (Å)
# Third row = potential (kcal/mol)
# Fourth row = force (kcal/mol/Å)
1 0.001000 1817.286142 1335.299603
2 0.002000 1815.951094 1334.795287
3 0.003000 1814.616551 1334.290971
4 0.004000 1813.282512 1333.786654
5 0.005000 1811.948978 1333.282338
6 0.006000 1810.615948 1332.778021
7 0.007000 1809.283422 1332.273705
8 0.008000 1807.951400 1331.769389
9 0.009000 1806.619883 1331.265072
10 0.010000 1805.288870 1330.760756
11 0.011000 1803.958361 1330.256440
12 0.012000 1802.628357 1329.752123
13 0.013000 1801.298857 1329.247807
14 0.014000 1799.969861 1328.743490
15 0.015000 1798.641370 1328.239174
16 0.016000 1797.313383 1327.734858
17 0.017000 1795.985900 1327.230541
18 0.018000 1794.658922 1326.726225
19 0.019000 1793.332448 1326.221908
20 0.020000 1792.006478 1325.717592
21 0.021000 1790.681013 1325.213276
22 0.022000 1789.356052 1324.708959
23 0.023000 1788.031595 1324.204643
24 0.024000 1786.707642 1323.700326
25 0.025000 1785.384194 1323.196010
26 0.026000 1784.061250 1322.691694
27 0.027000 1782.738811 1322.187377
28 0.028000 1781.416876 1321.683061
29 0.029000 1780.095445 1321.178744
30 0.030000 1778.774518 1320.674428
31 0.031000 1777.454096 1320.170112
32 0.032000 1776.134178 1319.665795
33 0.033000 1774.814764 1319.161479
34 0.034000 1773.495855 1318.657163
35 0.035000 1772.177450 1318.152846
36 0.036000 1770.859549 1317.648530
37 0.037000 1769.542153 1317.144213
38 0.038000 1768.225261 1316.639897
39 0.039000 1766.908873 1316.135581
40 0.040000 1765.592990 1315.631264
41 0.041000 1764.277611 1315.126948
42 0.042000 1762.962736 1314.622631
43 0.043000 1761.648365 1314.118315
44 0.044000 1760.334499 1313.613999
45 0.045000 1759.021137 1313.109682
46 0.046000 1757.708280 1312.605366
47 0.047000 1756.395927 1312.101049
48 0.048000 1755.084078 1311.596733
49 0.049000 1753.772733 1311.092417
50 0.050000 1752.461893 1310.588100
51 0.051000 1751.151557 1310.083784
52 0.052000 1749.841725 1309.579467
53 0.053000 1748.532398 1309.075151
54 0.054000 1747.223575 1308.570835
```

55	0.055000	1745.915256	1308.066518
56	0.056000	1744.607442	1307.562202
57	0.057000	1743.300132	1307.057886
58	0.058000	1741.993326	1306.553569
59	0.059000	1740.687025	1306.049253
60	0.060000	1739.381228	1305.544936
61	0.061000	1738.075935	1305.040620
62	0.062000	1736.771146	1304.536304
63	0.063000	1735.466862	1304.031987
64	0.064000	1734.163082	1303.527671
65	0.065000	1732.859807	1303.023354
66	0.066000	1731.557036	1302.519038
67	0.067000	1730.254769	1302.014722
68	0.068000	1728.953006	1301.510405
69	0.069000	1727.651748	1301.006089
70	0.070000	1726.350994	1300.501772
71	0.071000	1725.050745	1299.997456
72	0.072000	1723.750999	1299.493140
73	0.073000	1722.451758	1298.988823
74	0.074000	1721.153022	1298.484507
75	0.075000	1719.854789	1297.980190
76	0.076000	1718.557061	1297.475874
77	0.077000	1717.259837	1296.971558
78	0.078000	1715.963118	1296.467241
79	0.079000	1714.666903	1295.962925
80	0.080000	1713.371192	1295.458608
81	0.081000	1712.075986	1294.954292
82	0.082000	1710.781284	1294.449976
83	0.083000	1709.487086	1293.945659
84	0.084000	1708.193392	1293.441343
85	0.085000	1706.900203	1292.937027
86	0.086000	1705.607518	1292.432710
87	0.087000	1704.315338	1291.928394
88	0.088000	1703.023661	1291.424077
89	0.089000	1701.732490	1290.919761
90	0.090000	1700.441822	1290.415445
91	0.091000	1699.151659	1289.911128
92	0.092000	1697.862000	1289.406812
93	0.093000	1696.572845	1288.902495
94	0.094000	1695.284195	1288.398179
95	0.095000	1693.996049	1287.893863
96	0.096000	1692.708407	1287.389546
97	0.097000	1691.421270	1286.885230
98	0.098000	1690.134637	1286.380913
99	0.099000	1688.848508	1285.876597
100	0.100000	1687.562883	1285.372281
101	0.101000	1686.277763	1284.867964
102	0.102000	1684.993147	1284.363648
103	0.103000	1683.709036	1283.859331
104	0.104000	1682.425429	1283.355015
105	0.105000	1681.142326	1282.850699
106	0.106000	1679.859727	1282.346382
107	0.107000	1678.577633	1281.842066
108	0.108000	1677.296043	1281.337750
109	0.109000	1676.014958	1280.833433
110	0.110000	1674.734376	1280.329117
111	0.111000	1673.454299	1279.824800
112	0.112000	1672.174727	1279.320484
113	0.113000	1670.895658	1278.816168

114	0.114000	1669.617094	1278.311851
115	0.115000	1668.339035	1277.807535
116	0.116000	1667.061479	1277.303218
117	0.117000	1665.784428	1276.798902
118	0.118000	1664.507882	1276.294586
119	0.119000	1663.231839	1275.790269
120	0.120000	1661.956301	1275.285953
121	0.121000	1660.681267	1274.781636
122	0.122000	1659.406738	1274.277320
123	0.123000	1658.132713	1273.773004
124	0.124000	1656.859192	1273.268687
125	0.125000	1655.586175	1272.764371
126	0.126000	1654.313663	1272.260054
127	0.127000	1653.041655	1271.755738
128	0.128000	1651.770152	1271.251422
129	0.129000	1650.499152	1270.747105
130	0.130000	1649.228657	1270.242789
131	0.131000	1647.958667	1269.738473
132	0.132000	1646.689180	1269.234156
133	0.133000	1645.420198	1268.729840
134	0.134000	1644.151721	1268.225523
135	0.135000	1642.883747	1267.721207
136	0.136000	1641.616278	1267.216891
137	0.137000	1640.349314	1266.712574
138	0.138000	1639.082853	1266.208258
139	0.139000	1637.816897	1265.703941
140	0.140000	1636.551445	1265.199625
141	0.141000	1635.286498	1264.695309
142	0.142000	1634.022055	1264.190992
143	0.143000	1632.758116	1263.686676
144	0.144000	1631.494681	1263.182359
145	0.145000	1630.231751	1262.678043
146	0.146000	1628.969325	1262.173727
147	0.147000	1627.707404	1261.669410
148	0.148000	1626.445986	1261.165094
149	0.149000	1625.185073	1260.660777
150	0.150000	1623.924665	1260.156461
151	0.151000	1622.664760	1259.652145
152	0.152000	1621.405361	1259.147828
153	0.153000	1620.146465	1258.643512
154	0.154000	1618.888073	1258.139195
155	0.155000	1617.630186	1257.634879
156	0.156000	1616.372804	1257.130563
157	0.157000	1615.115925	1256.626246
158	0.158000	1613.859551	1256.121930
159	0.159000	1612.603681	1255.617614
160	0.160000	1611.348316	1255.113297
161	0.161000	1610.093455	1254.608981
162	0.162000	1608.839098	1254.104664
163	0.163000	1607.585246	1253.600348
164	0.164000	1606.331897	1253.096032
165	0.165000	1605.079053	1252.591715
166	0.166000	1603.826714	1252.087399
167	0.167000	1602.574879	1251.583082
168	0.168000	1601.323548	1251.078766
169	0.169000	1600.072721	1250.574450
170	0.170000	1598.822399	1250.070133
171	0.171000	1597.572581	1249.565817
172	0.172000	1596.323267	1249.061500

173	0.173000	1595.074458	1248.557184
174	0.174000	1593.826153	1248.052868
175	0.175000	1592.578352	1247.548551
176	0.176000	1591.331056	1247.044235
177	0.177000	1590.084264	1246.539918
178	0.178000	1588.837976	1246.035602
179	0.179000	1587.592192	1245.531286
180	0.180000	1586.346913	1245.026969
181	0.181000	1585.102139	1244.522653
182	0.182000	1583.857868	1244.018337
183	0.183000	1582.614102	1243.514020
184	0.184000	1581.370840	1243.009704
185	0.185000	1580.128082	1242.505387
186	0.186000	1578.885829	1242.001071
187	0.187000	1577.644080	1241.496755
188	0.188000	1576.402836	1240.992438
189	0.189000	1575.162095	1240.488122
190	0.190000	1573.921859	1239.983805
191	0.191000	1572.682128	1239.479489
192	0.192000	1571.442900	1238.975173
193	0.193000	1570.204177	1238.470856
194	0.194000	1568.965959	1237.966540
195	0.195000	1567.728244	1237.462223
196	0.196000	1566.491034	1236.957907
197	0.197000	1565.254329	1236.453591
198	0.198000	1564.018127	1235.949274
199	0.199000	1562.782430	1235.444958
200	0.200000	1561.547237	1234.940641
201	0.201000	1560.312549	1234.436325
202	0.202000	1559.078365	1233.932009
203	0.203000	1557.844685	1233.427692
204	0.204000	1556.611509	1232.923376
205	0.205000	1555.378838	1232.419060
206	0.206000	1554.146671	1231.914743
207	0.207000	1552.915008	1231.410427
208	0.208000	1551.683850	1230.906110
209	0.209000	1550.453196	1230.401794
210	0.210000	1549.223047	1229.897478
211	0.211000	1547.993401	1229.393161
212	0.212000	1546.764260	1228.888845
213	0.213000	1545.535624	1228.384528
214	0.214000	1544.307491	1227.880212
215	0.215000	1543.079863	1227.375896
216	0.216000	1541.852739	1226.871579
217	0.217000	1540.626120	1226.367263
218	0.218000	1539.400005	1225.862946
219	0.219000	1538.174394	1225.358630
220	0.220000	1536.949288	1224.854314
221	0.221000	1535.724686	1224.349997
222	0.222000	1534.500588	1223.845681
223	0.223000	1533.276994	1223.341364
224	0.224000	1532.053905	1222.837048
225	0.225000	1530.831320	1222.332732
226	0.226000	1529.609239	1221.828415
227	0.227000	1528.387663	1221.324099
228	0.228000	1527.166591	1220.819782
229	0.229000	1525.946024	1220.315466
230	0.230000	1524.725960	1219.811150
231	0.231000	1523.506401	1219.306833

232	0.232000	1522.287347	1218.802517
233	0.233000	1521.068796	1218.298201
234	0.234000	1519.850750	1217.793884
235	0.235000	1518.633209	1217.289568
236	0.236000	1517.416171	1216.785251
237	0.237000	1516.199638	1216.280935
238	0.238000	1514.983609	1215.776619
239	0.239000	1513.768085	1215.272302
240	0.240000	1512.553065	1214.767986
241	0.241000	1511.338549	1214.263669
242	0.242000	1510.124537	1213.759353
243	0.243000	1508.911030	1213.255037
244	0.244000	1507.698027	1212.750720
245	0.245000	1506.485529	1212.246404
246	0.246000	1505.273534	1211.742087
247	0.247000	1504.062045	1211.237771
248	0.248000	1502.851059	1210.733455
249	0.249000	1501.640578	1210.229138
250	0.250000	1500.430601	1209.724822
251	0.251000	1499.221128	1209.220505
252	0.252000	1498.012160	1208.716189
253	0.253000	1496.803696	1208.211873
254	0.254000	1495.595736	1207.707556
255	0.255000	1494.388280	1207.203240
256	0.256000	1493.181329	1206.698924
257	0.257000	1491.974883	1206.194607
258	0.258000	1490.768940	1205.690291
259	0.259000	1489.563502	1205.185974
260	0.260000	1488.358568	1204.681658
261	0.261000	1487.154139	1204.177342
262	0.262000	1485.950214	1203.673025
263	0.263000	1484.746793	1203.168709
264	0.264000	1483.543876	1202.664392
265	0.265000	1482.341464	1202.160076
266	0.266000	1481.139556	1201.655760
267	0.267000	1479.938152	1201.151443
268	0.268000	1478.737253	1200.647127
269	0.269000	1477.536858	1200.142810
270	0.270000	1476.336967	1199.638494
271	0.271000	1475.137581	1199.134178
272	0.272000	1473.938699	1198.629861
273	0.273000	1472.740321	1198.125545
274	0.274000	1471.542448	1197.621228
275	0.275000	1470.345079	1197.116912
276	0.276000	1469.148214	1196.612596
277	0.277000	1467.951854	1196.108279
278	0.278000	1466.755998	1195.603963
279	0.279000	1465.560646	1195.099647
280	0.280000	1464.365798	1194.595330
281	0.281000	1463.171455	1194.091014
282	0.282000	1461.977616	1193.586697
283	0.283000	1460.784282	1193.082381
284	0.284000	1459.591452	1192.578065
285	0.285000	1458.399126	1192.073748
286	0.286000	1457.207304	1191.569432
287	0.287000	1456.015987	1191.065115
288	0.288000	1454.825174	1190.560799
289	0.289000	1453.634865	1190.056483
290	0.290000	1452.445061	1189.552166

291	0.291000	1451.255761	1189.047850
292	0.292000	1450.066965	1188.543533
293	0.293000	1448.878674	1188.039217
294	0.294000	1447.690887	1187.534901
295	0.295000	1446.503604	1187.030584
296	0.296000	1445.316826	1186.526268
297	0.297000	1444.130551	1186.021951
298	0.298000	1442.944782	1185.517635
299	0.299000	1441.759516	1185.013319
300	0.300000	1440.574755	1184.509002
301	0.301000	1439.390498	1184.004686
302	0.302000	1438.206746	1183.500369
303	0.303000	1437.023497	1182.996053
304	0.304000	1435.840754	1182.491737
305	0.305000	1434.658514	1181.987420
306	0.306000	1433.476779	1181.483104
307	0.307000	1432.295548	1180.978788
308	0.308000	1431.114821	1180.474471
309	0.309000	1429.934599	1179.970155
310	0.310000	1428.754881	1179.465838
311	0.311000	1427.575667	1178.961522
312	0.312000	1426.396958	1178.457206
313	0.313000	1425.218753	1177.952889
314	0.314000	1424.041052	1177.448573
315	0.315000	1422.863856	1176.944256
316	0.316000	1421.687164	1176.439940
317	0.317000	1420.510976	1175.935624
318	0.318000	1419.335292	1175.431307
319	0.319000	1418.160113	1174.926991
320	0.320000	1416.985438	1174.422674
321	0.321000	1415.811268	1173.918358
322	0.322000	1414.637602	1173.414042
323	0.323000	1413.464440	1172.909725
324	0.324000	1412.291782	1172.405409
325	0.325000	1411.119629	1171.901092
326	0.326000	1409.947980	1171.396776
327	0.327000	1408.776835	1170.892460
328	0.328000	1407.606195	1170.388143
329	0.329000	1406.436059	1169.883827
330	0.330000	1405.266427	1169.379511
331	0.331000	1404.097300	1168.875194
332	0.332000	1402.928677	1168.370878
333	0.333000	1401.760558	1167.866561
334	0.334000	1400.592944	1167.362245
335	0.335000	1399.425834	1166.857929
336	0.336000	1398.259228	1166.353612
337	0.337000	1397.093127	1165.849296
338	0.338000	1395.927529	1165.344979
339	0.339000	1394.762437	1164.840663
340	0.340000	1393.597848	1164.336347
341	0.341000	1392.433764	1163.832030
342	0.342000	1391.270184	1163.327714
343	0.343000	1390.107108	1162.823397
344	0.344000	1388.944537	1162.319081
345	0.345000	1387.782470	1161.814765
346	0.346000	1386.620908	1161.310448
347	0.347000	1385.459849	1160.806132
348	0.348000	1384.299295	1160.301815
349	0.349000	1383.139246	1159.797499

350	0.350000	1381.979700	1159.293183
351	0.351000	1380.820659	1158.788866
352	0.352000	1379.662123	1158.284550
353	0.353000	1378.504090	1157.780234
354	0.354000	1377.346562	1157.275917
355	0.355000	1376.189538	1156.771601
356	0.356000	1375.033019	1156.267284
357	0.357000	1373.877004	1155.762968
358	0.358000	1372.721493	1155.258652
359	0.359000	1371.566487	1154.754335
360	0.360000	1370.411984	1154.250019
361	0.361000	1369.257987	1153.745702
362	0.362000	1368.104493	1153.241386
363	0.363000	1366.951504	1152.737070
364	0.364000	1365.799019	1152.232753
365	0.365000	1364.647038	1151.728437
366	0.366000	1363.495562	1151.224120
367	0.367000	1362.344590	1150.719804
368	0.368000	1361.194122	1150.215488
369	0.369000	1360.044159	1149.711171
370	0.370000	1358.894700	1149.206855
371	0.371000	1357.745745	1148.702538
372	0.372000	1356.597295	1148.198222
373	0.373000	1355.449349	1147.693906
374	0.374000	1354.301907	1147.189589
375	0.375000	1353.154970	1146.685273
376	0.376000	1352.008537	1146.180956
377	0.377000	1350.862608	1145.676640
378	0.378000	1349.717183	1145.172324
379	0.379000	1348.572263	1144.668007
380	0.380000	1347.427847	1144.163691
381	0.381000	1346.283936	1143.659375
382	0.382000	1345.140529	1143.155058
383	0.383000	1343.997626	1142.650742
384	0.384000	1342.855227	1142.146425
385	0.385000	1341.713333	1141.642109
386	0.386000	1340.571943	1141.137793
387	0.387000	1339.431057	1140.633476
388	0.388000	1338.290676	1140.129160
389	0.389000	1337.150799	1139.624843
390	0.390000	1336.011426	1139.120527
391	0.391000	1334.872558	1138.616211
392	0.392000	1333.734194	1138.111894
393	0.393000	1332.596334	1137.607578
394	0.394000	1331.458979	1137.103261
395	0.395000	1330.322128	1136.598945
396	0.396000	1329.185781	1136.094629
397	0.397000	1328.049938	1135.590312
398	0.398000	1326.914600	1135.085996
399	0.399000	1325.779766	1134.581679
400	0.400000	1324.645437	1134.077363
401	0.401000	1323.511612	1133.573047
402	0.402000	1322.378291	1133.068730
403	0.403000	1321.245474	1132.564414
404	0.404000	1320.113162	1132.060098
405	0.405000	1318.981354	1131.555781
406	0.406000	1317.850050	1131.051465
407	0.407000	1316.719251	1130.547148
408	0.408000	1315.588956	1130.042832

409	0.409000	1314.459165	1129.538516
410	0.410000	1313.329879	1129.034199
411	0.411000	1312.201097	1128.529883
412	0.412000	1311.072819	1128.025566
413	0.413000	1309.945046	1127.521250
414	0.414000	1308.817777	1127.016934
415	0.415000	1307.691012	1126.512617
416	0.416000	1306.564751	1126.008301
417	0.417000	1305.438995	1125.503984
418	0.418000	1304.313743	1124.999668
419	0.419000	1303.188996	1124.495352
420	0.420000	1302.064753	1123.991035
421	0.421000	1300.941014	1123.486719
422	0.422000	1299.817779	1122.982402
423	0.423000	1298.695049	1122.478086
424	0.424000	1297.572823	1121.973770
425	0.425000	1296.451102	1121.469453
426	0.426000	1295.329884	1120.965137
427	0.427000	1294.209171	1120.460821
428	0.428000	1293.088963	1119.956504
429	0.429000	1291.969258	1119.452188
430	0.430000	1290.850058	1118.947871
431	0.431000	1289.731363	1118.443555
432	0.432000	1288.613171	1117.939239
433	0.433000	1287.495484	1117.434922
434	0.434000	1286.378301	1116.930606
435	0.435000	1285.261623	1116.426289
436	0.436000	1284.145449	1115.921973
437	0.437000	1283.029779	1115.417657
438	0.438000	1281.914613	1114.913340
439	0.439000	1280.799952	1114.409024
440	0.440000	1279.685795	1113.904707
441	0.441000	1278.572143	1113.400391
442	0.442000	1277.458995	1112.896075
443	0.443000	1276.346351	1112.391758
444	0.444000	1275.234211	1111.887442
445	0.445000	1274.122576	1111.383125
446	0.446000	1273.011445	1110.878809
447	0.447000	1271.900818	1110.374493
448	0.448000	1270.790696	1109.870176
449	0.449000	1269.681078	1109.365860
450	0.450000	1268.571964	1108.861543
451	0.451000	1267.463355	1108.357227
452	0.452000	1266.355250	1107.852911
453	0.453000	1265.247649	1107.348594
454	0.454000	1264.140552	1106.844278
455	0.455000	1263.033960	1106.339962
456	0.456000	1261.927873	1105.835645
457	0.457000	1260.822289	1105.331329
458	0.458000	1259.717210	1104.827012
459	0.459000	1258.612635	1104.322696
460	0.460000	1257.508564	1103.818380
461	0.461000	1256.404998	1103.314063
462	0.462000	1255.301936	1102.809747
463	0.463000	1254.199379	1102.305430
464	0.464000	1253.097326	1101.801114
465	0.465000	1251.995777	1101.296798
466	0.466000	1250.894732	1100.792481
467	0.467000	1249.794192	1100.288165

468	0.468000	1248.694156	1099.783848
469	0.469000	1247.594624	1099.279532
470	0.470000	1246.495597	1098.775216
471	0.471000	1245.397073	1098.270899
472	0.472000	1244.299055	1097.766583
473	0.473000	1243.201540	1097.262266
474	0.474000	1242.104530	1096.757950
475	0.475000	1241.008024	1096.253634
476	0.476000	1239.912023	1095.749317
477	0.477000	1238.816526	1095.245001
478	0.478000	1237.721533	1094.740685
479	0.479000	1236.627044	1094.236368
480	0.480000	1235.533060	1093.732052
481	0.481000	1234.439580	1093.227735
482	0.482000	1233.346605	1092.723419
483	0.483000	1232.254133	1092.219103
484	0.484000	1231.162167	1091.714786
485	0.485000	1230.070704	1091.210470
486	0.486000	1228.979746	1090.706153
487	0.487000	1227.889292	1090.201837
488	0.488000	1226.799342	1089.697521
489	0.489000	1225.709897	1089.193204
490	0.490000	1224.620955	1088.688888
491	0.491000	1223.532519	1088.184571
492	0.492000	1222.444586	1087.680255
493	0.493000	1221.357158	1087.175939
494	0.494000	1220.270234	1086.671622
495	0.495000	1219.183815	1086.167306
496	0.496000	1218.097900	1085.662989
497	0.497000	1217.012489	1085.158673
498	0.498000	1215.927583	1084.654357
499	0.499000	1214.843180	1084.150040
500	0.500000	1213.759282	1083.645724
501	0.501000	1212.675889	1083.141408
502	0.502000	1211.593000	1082.637091
503	0.503000	1210.510615	1082.132775
504	0.504000	1209.428734	1081.628458
505	0.505000	1208.347358	1081.124142
506	0.506000	1207.266486	1080.619826
507	0.507000	1206.186118	1080.115509
508	0.508000	1205.106255	1079.611193
509	0.509000	1204.026896	1079.106876
510	0.510000	1202.948041	1078.602560
511	0.511000	1201.869691	1078.098244
512	0.512000	1200.791845	1077.593927
513	0.513000	1199.714503	1077.089611
514	0.514000	1198.637665	1076.585294
515	0.515000	1197.561332	1076.080978
516	0.516000	1196.485503	1075.576662
517	0.517000	1195.410179	1075.072345
518	0.518000	1194.335359	1074.568029
519	0.519000	1193.261043	1074.063712
520	0.520000	1192.187231	1073.559396
521	0.521000	1191.113924	1073.055080
522	0.522000	1190.041121	1072.550763
523	0.523000	1188.968822	1072.046447
524	0.524000	1187.897028	1071.542130
525	0.525000	1186.825738	1071.037814
526	0.526000	1185.754953	1070.533498

527	0.527000	1184.684671	1070.029181
528	0.528000	1183.614894	1069.524865
529	0.529000	1182.545621	1069.020549
530	0.530000	1181.476853	1068.516232
531	0.531000	1180.408589	1068.011916
532	0.532000	1179.340829	1067.507599
533	0.533000	1178.273574	1067.003283
534	0.534000	1177.206823	1066.498967
535	0.535000	1176.140576	1065.994650
536	0.536000	1175.074833	1065.490334
537	0.537000	1174.009595	1064.986017
538	0.538000	1172.944861	1064.481701
539	0.539000	1171.880632	1063.977385
540	0.540000	1170.816907	1063.473068
541	0.541000	1169.753686	1062.968752
542	0.542000	1168.690969	1062.464435
543	0.543000	1167.628757	1061.960119
544	0.544000	1166.567049	1061.455803
545	0.545000	1165.505845	1060.951486
546	0.546000	1164.445146	1060.447170
547	0.547000	1163.384951	1059.942853
548	0.548000	1162.325260	1059.438537
549	0.549000	1161.266074	1058.934221
550	0.550000	1160.207392	1058.429904
551	0.551000	1159.149214	1057.925588
552	0.552000	1158.091541	1057.421272
553	0.553000	1157.034371	1056.916955
554	0.554000	1155.977707	1056.412639
555	0.555000	1154.921546	1055.908322
556	0.556000	1153.865890	1055.404006
557	0.557000	1152.810738	1054.899690
558	0.558000	1151.756091	1054.395373
559	0.559000	1150.701947	1053.891057
560	0.560000	1149.648308	1053.386740
561	0.561000	1148.595174	1052.882424
562	0.562000	1147.542544	1052.378108
563	0.563000	1146.490418	1051.873791
564	0.564000	1145.438796	1051.369475
565	0.565000	1144.387679	1050.865158
566	0.566000	1143.337066	1050.360842
567	0.567000	1142.286957	1049.856526
568	0.568000	1141.237353	1049.352209
569	0.569000	1140.188253	1048.847893
570	0.570000	1139.139657	1048.343576
571	0.571000	1138.091565	1047.839260
572	0.572000	1137.043978	1047.334944
573	0.573000	1135.996896	1046.830627
574	0.574000	1134.950317	1046.326311
575	0.575000	1133.904243	1045.821994
576	0.576000	1132.858673	1045.317678
577	0.577000	1131.813608	1044.813362
578	0.578000	1130.769046	1044.309045
579	0.579000	1129.724990	1043.804729
580	0.580000	1128.681437	1043.300413
581	0.581000	1127.638389	1042.796096
582	0.582000	1126.595845	1042.291780
583	0.583000	1125.553805	1041.787463
584	0.584000	1124.512270	1041.283147
585	0.585000	1123.471239	1040.778831

586	0.586000	1122.430712	1040.274514
587	0.587000	1121.390690	1039.770198
588	0.588000	1120.351172	1039.265881
589	0.589000	1119.312158	1038.761565
590	0.590000	1118.273649	1038.257249
591	0.591000	1117.235644	1037.752932
592	0.592000	1116.198143	1037.248616
593	0.593000	1115.161146	1036.744299
594	0.594000	1114.124654	1036.239983
595	0.595000	1113.088666	1035.735667
596	0.596000	1112.053183	1035.231350
597	0.597000	1111.018204	1034.727034
598	0.598000	1109.983729	1034.222717
599	0.599000	1108.949758	1033.718401
600	0.600000	1107.916292	1033.214085
601	0.601000	1106.883330	1032.709768
602	0.602000	1105.850872	1032.205452
603	0.603000	1104.818919	1031.701136
604	0.604000	1103.787470	1031.196819
605	0.605000	1102.756526	1030.692503
606	0.606000	1101.726085	1030.188186
607	0.607000	1100.696149	1029.683870
608	0.608000	1099.666717	1029.179554
609	0.609000	1098.637790	1028.675237
610	0.610000	1097.609367	1028.170921
611	0.611000	1096.581448	1027.666604
612	0.612000	1095.554034	1027.162288
613	0.613000	1094.527124	1026.657972
614	0.614000	1093.500718	1026.153655
615	0.615000	1092.474816	1025.649339
616	0.616000	1091.449419	1025.145022
617	0.617000	1090.424526	1024.640706
618	0.618000	1089.400138	1024.136390
619	0.619000	1088.376253	1023.632073
620	0.620000	1087.352874	1023.127757
621	0.621000	1086.329998	1022.623440
622	0.622000	1085.307627	1022.119124
623	0.623000	1084.285760	1021.614808
624	0.624000	1083.264397	1021.110491
625	0.625000	1082.243539	1020.606175
626	0.626000	1081.223185	1020.101859
627	0.627000	1080.203335	1019.597542
628	0.628000	1079.183990	1019.093226
629	0.629000	1078.165149	1018.588909
630	0.630000	1077.146812	1018.084593
631	0.631000	1076.128979	1017.580277
632	0.632000	1075.111651	1017.075960
633	0.633000	1074.094827	1016.571644
634	0.634000	1073.078508	1016.067327
635	0.635000	1072.062693	1015.563011
636	0.636000	1071.047382	1015.058695
637	0.637000	1070.032575	1014.554378
638	0.638000	1069.018273	1014.050062
639	0.639000	1068.004475	1013.545745
640	0.640000	1066.991182	1013.041429
641	0.641000	1065.978392	1012.537113
642	0.642000	1064.966107	1012.032796
643	0.643000	1063.954327	1011.528480
644	0.644000	1062.943051	1011.024163

645	0.645000	1061.932279	1010.519847
646	0.646000	1060.922011	1010.015531
647	0.647000	1059.912247	1009.511214
648	0.648000	1058.902988	1009.006898
649	0.649000	1057.894234	1008.502581
650	0.650000	1056.885983	1007.998265
651	0.651000	1055.878237	1007.493949
652	0.652000	1054.870995	1006.989632
653	0.653000	1053.864258	1006.485316
654	0.654000	1052.858025	1005.981000
655	0.655000	1051.852296	1005.476683
656	0.656000	1050.847071	1004.972367
657	0.657000	1049.842351	1004.468050
658	0.658000	1048.838135	1003.963734
659	0.659000	1047.834424	1003.459418
660	0.660000	1046.831216	1002.955101
661	0.661000	1045.828513	1002.450785
662	0.662000	1044.826315	1001.946468
663	0.663000	1043.824621	1001.442152
664	0.664000	1042.823431	1000.937836
665	0.665000	1041.822745	1000.433519
666	0.666000	1040.822564	999.929203
667	0.667000	1039.822886	999.424886
668	0.668000	1038.823714	998.920570
669	0.669000	1037.825045	998.416254
670	0.670000	1036.826881	997.911937
671	0.671000	1035.829221	997.407621
672	0.672000	1034.832066	996.903304
673	0.673000	1033.835415	996.398988
674	0.674000	1032.839268	995.894672
675	0.675000	1031.843625	995.390355
676	0.676000	1030.848487	994.886039
677	0.677000	1029.853853	994.381723
678	0.678000	1028.859724	993.877406
679	0.679000	1027.866099	993.373090
680	0.680000	1026.872978	992.868773
681	0.681000	1025.880361	992.364457
682	0.682000	1024.888249	991.860141
683	0.683000	1023.896641	991.355824
684	0.684000	1022.905537	990.851508
685	0.685000	1021.914938	990.347191
686	0.686000	1020.924843	989.842875
687	0.687000	1019.935252	989.338559
688	0.688000	1018.946166	988.834242
689	0.689000	1017.957584	988.329926
690	0.690000	1016.969506	987.825609
691	0.691000	1015.981932	987.321293
692	0.692000	1014.994863	986.816977
693	0.693000	1014.008298	986.312660
694	0.694000	1013.022238	985.808344
695	0.695000	1012.036682	985.304027
696	0.696000	1011.051630	984.799711
697	0.697000	1010.067082	984.295395
698	0.698000	1009.083039	983.791078
699	0.699000	1008.099500	983.286762
700	0.700000	1007.116465	982.782446
701	0.701000	1006.133935	982.278129
702	0.702000	1005.151909	981.773813
703	0.703000	1004.170388	981.269496

704 0.704000 1003.189370 980.765180
705 0.705000 1002.208857 980.260864
706 0.706000 1001.228849 979.756547
707 0.707000 1000.249344 979.252231
708 0.708000 999.270344 978.747914
709 0.709000 998.291848 978.243598
710 0.710000 997.313857 977.739282
711 0.711000 996.336370 977.234965
712 0.712000 995.359387 976.730649
713 0.713000 994.382908 976.226332
714 0.714000 993.406934 975.722016
715 0.715000 992.431464 975.217700
716 0.716000 991.456499 974.713383
717 0.717000 990.482038 974.209067
718 0.718000 989.508081 973.704750
719 0.719000 988.534628 973.200434
720 0.720000 987.561680 972.696118
721 0.721000 986.589236 972.191801
722 0.722000 985.617296 971.687485
723 0.723000 984.645861 971.183168
724 0.724000 983.674930 970.678852
725 0.725000 982.704503 970.174536
726 0.726000 981.734581 969.670219
727 0.727000 980.765163 969.165903
728 0.728000 979.796249 968.661587
729 0.729000 978.827840 968.157270
730 0.730000 977.859934 967.652954
731 0.731000 976.892534 967.148637
732 0.732000 975.925637 966.644321
733 0.733000 974.959245 966.140005
734 0.734000 973.993357 965.635688
735 0.735000 973.027974 965.131372
736 0.736000 972.063094 964.627055
737 0.737000 971.098720 964.122739
738 0.738000 970.134849 963.618423
739 0.739000 969.171483 963.114106
740 0.740000 968.208621 962.609790
741 0.741000 967.246263 962.105473
742 0.742000 966.284410 961.601157
743 0.743000 965.323061 961.096841
744 0.744000 964.362216 960.592524
745 0.745000 963.401876 960.088208
746 0.746000 962.442040 959.583891
747 0.747000 961.482708 959.079575
748 0.748000 960.523881 958.575259
749 0.749000 959.565557 958.070942
750 0.750000 958.607739 957.566626
751 0.751000 957.650424 957.062310
752 0.752000 956.693614 956.557993
753 0.753000 955.737308 956.053677
754 0.754000 954.781507 955.549360
755 0.755000 953.826210 955.045044
756 0.756000 952.871417 954.540728
757 0.757000 951.917128 954.036411
758 0.758000 950.963344 953.532095
759 0.759000 950.010064 953.027778
760 0.760000 949.057288 952.523462
761 0.761000 948.105017 952.019146
762 0.762000 947.153250 951.514829

763	0.763000	946.201987	951.010513
764	0.764000	945.251229	950.506196
765	0.765000	944.300975	950.001880
766	0.766000	943.351225	949.497564
767	0.767000	942.401980	948.993247
768	0.768000	941.453239	948.488931
769	0.769000	940.505002	947.984614
770	0.770000	939.557269	947.480298
771	0.771000	938.610041	946.975982
772	0.772000	937.663317	946.471665
773	0.773000	936.717098	945.967349
774	0.774000	935.771383	945.463033
775	0.775000	934.826172	944.958716
776	0.776000	933.881465	944.454400
777	0.777000	932.937263	943.950083
778	0.778000	931.993565	943.445767
779	0.779000	931.050372	942.941451
780	0.780000	930.107682	942.437134
781	0.781000	929.165497	941.932818
782	0.782000	928.223817	941.428501
783	0.783000	927.282640	940.924185
784	0.784000	926.341968	940.419869
785	0.785000	925.401801	939.915552
786	0.786000	924.462137	939.411236
787	0.787000	923.522978	938.906919
788	0.788000	922.584323	938.402603
789	0.789000	921.646173	937.898287
790	0.790000	920.708527	937.393970
791	0.791000	919.771385	936.889654
792	0.792000	918.834747	936.385337
793	0.793000	917.898614	935.881021
794	0.794000	916.962985	935.376705
795	0.795000	916.027861	934.872388
796	0.796000	915.093241	934.368072
797	0.797000	914.159125	933.863755
798	0.798000	913.225513	933.359439
799	0.799000	912.292406	932.855123
800	0.800000	911.359803	932.350806
801	0.801000	910.427704	931.846490
802	0.802000	909.496110	931.342174
803	0.803000	908.565020	930.837857
804	0.804000	907.634434	930.333541
805	0.805000	906.704353	929.829224
806	0.806000	905.774776	929.324908
807	0.807000	904.845703	928.820592
808	0.808000	903.917135	928.316275
809	0.809000	902.989070	927.811959
810	0.810000	902.061511	927.307642
811	0.811000	901.134455	926.803326
812	0.812000	900.207904	926.299010
813	0.813000	899.281857	925.794693
814	0.814000	898.356315	925.290377
815	0.815000	897.431276	924.786060
816	0.816000	896.506742	924.281744
817	0.817000	895.582713	923.777428
818	0.818000	894.659188	923.273111
819	0.819000	893.736167	922.768795
820	0.820000	892.813650	922.264478
821	0.821000	891.891638	921.760162

822 0.822000 890.970130 921.255846
823 0.823000 890.049126 920.751529
824 0.824000 889.128627 920.247213
825 0.825000 888.208632 919.742897
826 0.826000 887.289141 919.238580
827 0.827000 886.370154 918.734264
828 0.828000 885.451672 918.229947
829 0.829000 884.533695 917.725631
830 0.830000 883.616221 917.221315
831 0.831000 882.699252 916.716998
832 0.832000 881.782787 916.212682
833 0.833000 880.866827 915.708365
834 0.834000 879.951370 915.204049
835 0.835000 879.036418 914.699733
836 0.836000 878.121971 914.195416
837 0.837000 877.208028 913.691100
838 0.838000 876.294589 913.186783
839 0.839000 875.381654 912.682467
840 0.840000 874.469224 912.178151
841 0.841000 873.557298 911.673834
842 0.842000 872.645876 911.169518
843 0.843000 871.734959 910.665201
844 0.844000 870.824546 910.160885
845 0.845000 869.914637 909.656569
846 0.846000 869.005233 909.152252
847 0.847000 868.096332 908.647936
848 0.848000 867.187937 908.143620
849 0.849000 866.280045 907.639303
850 0.850000 865.372658 907.134987
851 0.851000 864.465775 906.630670
852 0.852000 863.559397 906.126354
853 0.853000 862.653523 905.622038
854 0.854000 861.748153 905.117721
855 0.855000 860.843287 904.613405
856 0.856000 859.938926 904.109088
857 0.857000 859.035069 903.604772
858 0.858000 858.131716 903.100456
859 0.859000 857.228868 902.596139
860 0.860000 856.326524 902.091823
861 0.861000 855.424684 901.587506
862 0.862000 854.523349 901.083190
863 0.863000 853.622518 900.578874
864 0.864000 852.722191 900.074557
865 0.865000 851.822369 899.570241
866 0.866000 850.923051 899.065924
867 0.867000 850.024237 898.561608
868 0.868000 849.125928 898.057292
869 0.869000 848.228122 897.552975
870 0.870000 847.330822 897.048659
871 0.871000 846.434025 896.544342
872 0.872000 845.537733 896.040026
873 0.873000 844.641945 895.535710
874 0.874000 843.746662 895.031393
875 0.875000 842.851882 894.527077
876 0.876000 841.957607 894.022761
877 0.877000 841.063837 893.518444
878 0.878000 840.170570 893.014128
879 0.879000 839.277808 892.509811
880 0.880000 838.385551 892.005495

881	0.881000	837.493798	891.501179
882	0.882000	836.602548	890.996862
883	0.883000	835.711804	890.492546
884	0.884000	834.821563	889.988229
885	0.885000	833.931827	889.483913
886	0.886000	833.042596	888.979597
887	0.887000	832.153868	888.475280
888	0.888000	831.265645	887.970964
889	0.889000	830.377926	887.466647
890	0.890000	829.490712	886.962331
891	0.891000	828.604002	886.458015
892	0.892000	827.717796	885.953698
893	0.893000	826.832094	885.449382
894	0.894000	825.946897	884.945065
895	0.895000	825.062204	884.440749
896	0.896000	824.178015	883.936433
897	0.897000	823.294331	883.432116
898	0.898000	822.411151	882.927800
899	0.899000	821.528476	882.423484
900	0.900000	820.646304	881.919167
901	0.901000	819.764637	881.414851
902	0.902000	818.883475	880.910534
903	0.903000	818.002816	880.406218
904	0.904000	817.122662	879.901902
905	0.905000	816.243012	879.397585
906	0.906000	815.363867	878.893269
907	0.907000	814.485226	878.388952
908	0.908000	813.607089	877.884636
909	0.909000	812.729457	877.380320
910	0.910000	811.852328	876.876003
911	0.911000	810.975705	876.371687
912	0.912000	810.099585	875.867370
913	0.913000	809.223970	875.363054
914	0.914000	808.348859	874.858738
915	0.915000	807.474252	874.354421
916	0.916000	806.600150	873.850105
917	0.917000	805.726552	873.345788
918	0.918000	804.853458	872.841472
919	0.919000	803.980869	872.337156
920	0.920000	803.108784	871.832839
921	0.921000	802.237203	871.328523
922	0.922000	801.366127	870.824207
923	0.923000	800.495555	870.319890
924	0.924000	799.625487	869.815574
925	0.925000	798.755924	869.311257
926	0.926000	797.886865	868.806941
927	0.927000	797.018310	868.302625
928	0.928000	796.150260	867.798308
929	0.929000	795.282713	867.293992
930	0.930000	794.415672	866.789675
931	0.931000	793.549134	866.285359
932	0.932000	792.683101	865.781043
933	0.933000	791.817572	865.276726
934	0.934000	790.952547	864.772410
935	0.935000	790.088027	864.268093
936	0.936000	789.224011	863.763777
937	0.937000	788.360500	863.259461
938	0.938000	787.497492	862.755144
939	0.939000	786.634989	862.250828

940	0.940000	785.772991	861.746511
941	0.941000	784.911496	861.242195
942	0.942000	784.050506	860.737879
943	0.943000	783.190021	860.233562
944	0.944000	782.330039	859.729246
945	0.945000	781.470562	859.224929
946	0.946000	780.611589	858.720613
947	0.947000	779.753121	858.216297
948	0.948000	778.895157	857.711980
949	0.949000	778.037697	857.207664
950	0.950000	777.180741	856.703348
951	0.951000	776.324290	856.199031
952	0.952000	775.468343	855.694715
953	0.953000	774.612901	855.190398
954	0.954000	773.757962	854.686082
955	0.955000	772.903529	854.181766
956	0.956000	772.049599	853.677449
957	0.957000	771.196174	853.173133
958	0.958000	770.343253	852.668816
959	0.959000	769.490836	852.164500
960	0.960000	768.638924	851.660184
961	0.961000	767.787516	851.155867
962	0.962000	766.936612	850.651551
963	0.963000	766.086213	850.147234
964	0.964000	765.236317	849.642918
965	0.965000	764.386927	849.138602
966	0.966000	763.538040	848.634285
967	0.967000	762.689658	848.129969
968	0.968000	761.841780	847.625652
969	0.969000	760.994407	847.121336
970	0.970000	760.147538	846.617020
971	0.971000	759.301173	846.112703
972	0.972000	758.455312	845.608387
973	0.973000	757.609956	845.104071
974	0.974000	756.765104	844.599754
975	0.975000	755.920757	844.095438
976	0.976000	755.076913	843.591121
977	0.977000	754.233574	843.086805
978	0.978000	753.390740	842.582489
979	0.979000	752.548409	842.078172
980	0.980000	751.706583	841.573856
981	0.981000	750.865262	841.069539
982	0.982000	750.024444	840.565223
983	0.983000	749.184131	840.060907
984	0.984000	748.344322	839.556590
985	0.985000	747.505018	839.052274
986	0.986000	746.666218	838.547957
987	0.987000	745.827922	838.043641
988	0.988000	744.990131	837.539325
989	0.989000	744.152843	837.035008
990	0.990000	743.316061	836.530692
991	0.991000	742.479782	836.026375
992	0.992000	741.644008	835.522059
993	0.993000	740.808738	835.017743
994	0.994000	739.973972	834.513426
995	0.995000	739.139711	834.009110
996	0.996000	738.305954	833.504794
997	0.997000	737.472701	833.000477
998	0.998000	736.639953	832.496161

999 0.999000 735.807709 831.991844
1000 1.000000 734.975969 831.487528
1001 1.001000 734.144734 830.983212
1002 1.002000 733.314003 830.478895
1003 1.003000 732.483776 829.974579
1004 1.004000 731.654054 829.470262
1005 1.005000 730.824836 828.965946
1006 1.006000 729.996122 828.461630
1007 1.007000 729.167913 827.957313
1008 1.008000 728.340207 827.452997
1009 1.009000 727.513007 826.948680
1010 1.010000 726.686310 826.444364
1011 1.011000 725.860118 825.940048
1012 1.012000 725.034430 825.435731
1013 1.013000 724.209246 824.931415
1014 1.014000 723.384567 824.427098
1015 1.015000 722.560392 823.922782
1016 1.016000 721.736722 823.418466
1017 1.017000 720.913555 822.914149
1018 1.018000 720.090893 822.409833
1019 1.019000 719.268736 821.905516
1020 1.020000 718.447082 821.401200
1021 1.021000 717.625933 820.896884
1022 1.022000 716.805288 820.392567
1023 1.023000 715.985148 819.888251
1024 1.024000 715.165512 819.383935
1025 1.025000 714.346380 818.879618
1026 1.026000 713.527753 818.375302
1027 1.027000 712.709630 817.870985
1028 1.028000 711.892011 817.366669
1029 1.029000 711.074896 816.862353
1030 1.030000 710.258286 816.358036
1031 1.031000 709.442180 815.853720
1032 1.032000 708.626579 815.349403
1033 1.033000 707.811481 814.845087
1034 1.034000 706.996888 814.340771
1035 1.035000 706.182800 813.836454
1036 1.036000 705.369215 813.332138
1037 1.037000 704.556136 812.827821
1038 1.038000 703.743560 812.323505
1039 1.039000 702.931488 811.819189
1040 1.040000 702.119921 811.314872
1041 1.041000 701.308859 810.810556
1042 1.042000 700.498300 810.306239
1043 1.043000 699.688246 809.801923
1044 1.044000 698.878697 809.297607
1045 1.045000 698.069651 808.793290
1046 1.046000 697.261110 808.288974
1047 1.047000 696.453073 807.784658
1048 1.048000 695.645541 807.280341
1049 1.049000 694.838512 806.776025
1050 1.050000 694.031989 806.271708
1051 1.051000 693.225969 805.767392
1052 1.052000 692.420454 805.263076
1053 1.053000 691.615443 804.758759
1054 1.054000 690.810936 804.254443
1055 1.055000 690.006934 803.750126
1056 1.056000 689.203436 803.245810
1057 1.057000 688.400442 802.741494

1058	1.058000	687.597953	802.237177
1059	1.059000	686.795968	801.732861
1060	1.060000	685.994487	801.228544
1061	1.061000	685.193511	800.724228
1062	1.062000	684.393039	800.219912
1063	1.063000	683.593071	799.715595
1064	1.064000	682.793608	799.211279
1065	1.065000	681.994649	798.706962
1066	1.066000	681.196194	798.202646
1067	1.067000	680.398243	797.698330
1068	1.068000	679.600797	797.194013
1069	1.069000	678.803855	796.689697
1070	1.070000	678.007418	796.185381
1071	1.071000	677.211484	795.681064
1072	1.072000	676.416056	795.176748
1073	1.073000	675.621131	794.672431
1074	1.074000	674.826711	794.168115
1075	1.075000	674.032795	793.663799
1076	1.076000	673.239383	793.159482
1077	1.077000	672.446476	792.655166
1078	1.078000	671.654073	792.150849
1079	1.079000	670.862174	791.646533
1080	1.080000	670.070780	791.142217
1081	1.081000	669.279890	790.637900
1082	1.082000	668.489504	790.133584
1083	1.083000	667.699622	789.629267
1084	1.084000	666.910245	789.124951
1085	1.085000	666.121373	788.620635
1086	1.086000	665.333004	788.116318
1087	1.087000	664.545140	787.612002
1088	1.088000	663.757780	787.107685
1089	1.089000	662.970925	786.603369
1090	1.090000	662.184573	786.099053
1091	1.091000	661.398726	785.594736
1092	1.092000	660.613384	785.090420
1093	1.093000	659.828546	784.586103
1094	1.094000	659.044212	784.081787
1095	1.095000	658.260382	783.577471
1096	1.096000	657.477057	783.073154
1097	1.097000	656.694236	782.568838
1098	1.098000	655.911919	782.064522
1099	1.099000	655.130107	781.560205
1100	1.100000	654.348799	781.055889
1101	1.101000	653.567995	780.551572
1102	1.102000	652.787695	780.047256
1103	1.103000	652.007900	779.542940
1104	1.104000	651.228610	779.038623
1105	1.105000	650.449823	778.534307
1106	1.106000	649.671541	778.029990
1107	1.107000	648.893763	777.525674
1108	1.108000	648.116490	777.021358
1109	1.109000	647.339720	776.517041
1110	1.110000	646.563456	776.012725
1111	1.111000	645.787695	775.508408
1112	1.112000	645.012439	775.004092
1113	1.113000	644.237687	774.499776
1114	1.114000	643.463439	773.995459
1115	1.115000	642.689696	773.491143
1116	1.116000	641.916457	772.986826

1117	1.117000	641.143722	772.482510
1118	1.118000	640.371492	771.978194
1119	1.119000	639.599766	771.473877
1120	1.120000	638.828544	770.969561
1121	1.121000	638.057827	770.465245
1122	1.122000	637.287614	769.960928
1123	1.123000	636.517905	769.456612
1124	1.124000	635.748700	768.952295
1125	1.125000	634.980000	768.447979
1126	1.126000	634.211804	767.943663
1127	1.127000	633.444113	767.439346
1128	1.128000	632.676926	766.935030
1129	1.129000	631.910243	766.430713
1130	1.130000	631.144064	765.926397
1131	1.131000	630.378390	765.422081
1132	1.132000	629.613220	764.917764
1133	1.133000	628.848555	764.413448
1134	1.134000	628.084393	763.909131
1135	1.135000	627.320736	763.404815
1136	1.136000	626.557584	762.900499
1137	1.137000	625.794935	762.396182
1138	1.138000	625.032791	761.891866
1139	1.139000	624.271152	761.387549
1140	1.140000	623.510016	760.883233
1141	1.141000	622.749385	760.378917
1142	1.142000	621.989258	759.874600
1143	1.143000	621.229636	759.370284
1144	1.144000	620.470518	758.865968
1145	1.145000	619.711904	758.361651
1146	1.146000	618.953794	757.857335
1147	1.147000	618.196189	757.353018
1148	1.148000	617.439088	756.848702
1149	1.149000	616.682492	756.344386
1150	1.150000	615.926400	755.840069
1151	1.151000	615.170812	755.335753
1152	1.152000	614.415728	754.831436
1153	1.153000	613.661149	754.327120
1154	1.154000	612.907074	753.822804
1155	1.155000	612.153503	753.318487
1156	1.156000	611.400437	752.814171
1157	1.157000	610.647875	752.309854
1158	1.158000	609.895817	751.805538
1159	1.159000	609.144264	751.301222
1160	1.160000	608.393215	750.796905
1161	1.161000	607.642670	750.292589
1162	1.162000	606.892630	749.788272
1163	1.163000	606.143094	749.283956
1164	1.164000	605.394062	748.779640
1165	1.165000	604.645534	748.275323
1166	1.166000	603.897511	747.771007
1167	1.167000	603.149992	747.266690
1168	1.168000	602.402978	746.762374
1169	1.169000	601.656467	746.258058
1170	1.170000	600.910462	745.753741
1171	1.171000	600.164960	745.249425
1172	1.172000	599.419963	744.745109
1173	1.173000	598.675470	744.240792
1174	1.174000	597.931481	743.736476
1175	1.175000	597.187997	743.232159

1176	1.176000	596.445017	742.727843
1177	1.177000	595.702541	742.223527
1178	1.178000	594.960570	741.719210
1179	1.179000	594.219103	741.214894
1180	1.180000	593.478140	740.710577
1181	1.181000	592.737682	740.206261
1182	1.182000	591.997727	739.701945
1183	1.183000	591.258278	739.197628
1184	1.184000	590.519332	738.693312
1185	1.185000	589.780891	738.188995
1186	1.186000	589.042954	737.684679
1187	1.187000	588.305522	737.180363
1188	1.188000	587.568593	736.676046
1189	1.189000	586.832170	736.171730
1190	1.190000	586.096250	735.667413
1191	1.191000	585.360835	735.163097
1192	1.192000	584.625924	734.658781
1193	1.193000	583.891517	734.154464
1194	1.194000	583.157615	733.650148
1195	1.195000	582.424217	733.145832
1196	1.196000	581.691323	732.641515
1197	1.197000	580.958934	732.137199
1198	1.198000	580.227049	731.632882
1199	1.199000	579.495668	731.128566
1200	1.200000	578.764792	730.624250
1201	1.201000	578.034420	730.119933
1202	1.202000	577.304552	729.615617
1203	1.203000	576.575188	729.111300
1204	1.204000	575.846329	728.606984
1205	1.205000	575.117974	728.102668
1206	1.206000	574.390124	727.598351
1207	1.207000	573.662778	727.094035
1208	1.208000	572.935936	726.589718
1209	1.209000	572.209598	726.085402
1210	1.210000	571.483765	725.581086
1211	1.211000	570.758436	725.076769
1212	1.212000	570.033612	724.572453
1213	1.213000	569.309291	724.068136
1214	1.214000	568.585475	723.563820
1215	1.215000	567.862164	723.059504
1216	1.216000	567.139356	722.555187
1217	1.217000	566.417053	722.050871
1218	1.218000	565.695254	721.546555
1219	1.219000	564.973960	721.042238
1220	1.220000	564.253170	720.537922
1221	1.221000	563.532884	720.033605
1222	1.222000	562.813103	719.529289
1223	1.223000	562.093826	719.024973
1224	1.224000	561.375053	718.520656
1225	1.225000	560.656784	718.016340
1226	1.226000	559.939020	717.512023
1227	1.227000	559.221760	717.007707
1228	1.228000	558.505005	716.503391
1229	1.229000	557.788754	715.999074
1230	1.230000	557.073007	715.494758
1231	1.231000	556.357764	714.990441
1232	1.232000	555.643026	714.486125
1233	1.233000	554.928792	713.981809
1234	1.234000	554.215062	713.477492

1235	1.235000	553.501837	712.973176
1236	1.236000	552.789116	712.468859
1237	1.237000	552.076899	711.964543
1238	1.238000	551.365187	711.460227
1239	1.239000	550.653979	710.955910
1240	1.240000	549.943275	710.451594
1241	1.241000	549.233075	709.947277
1242	1.242000	548.523380	709.442961
1243	1.243000	547.814189	708.938645
1244	1.244000	547.105503	708.434328
1245	1.245000	546.397321	707.930012
1246	1.246000	545.689643	707.425696
1247	1.247000	544.982469	706.921379
1248	1.248000	544.275800	706.417063
1249	1.249000	543.569635	705.912746
1250	1.250000	542.863975	705.408430
1251	1.251000	542.158818	704.904114
1252	1.252000	541.454167	704.399797
1253	1.253000	540.750019	703.895481
1254	1.254000	540.046376	703.391164
1255	1.255000	539.343237	702.886848
1256	1.256000	538.640602	702.382532
1257	1.257000	537.938471	701.878215
1258	1.258000	537.236845	701.373899
1259	1.259000	536.535724	700.869582
1260	1.260000	535.835106	700.365266
1261	1.261000	535.134993	699.860950
1262	1.262000	534.435384	699.356633
1263	1.263000	533.736280	698.852317
1264	1.264000	533.037680	698.348000
1265	1.265000	532.339584	697.843684
1266	1.266000	531.641992	697.339368
1267	1.267000	530.944905	696.835051
1268	1.268000	530.248322	696.330735
1269	1.269000	529.552244	695.826419
1270	1.270000	528.856669	695.322102
1271	1.271000	528.161599	694.817786
1272	1.272000	527.467034	694.313469
1273	1.273000	526.772973	693.809153
1274	1.274000	526.079416	693.304837
1275	1.275000	525.386363	692.800520
1276	1.276000	524.693814	692.296204
1277	1.277000	524.001770	691.791887
1278	1.278000	523.310231	691.287571
1279	1.279000	522.619195	690.783255
1280	1.280000	521.928664	690.278938
1281	1.281000	521.238637	689.774622
1282	1.282000	520.549115	689.270305
1283	1.283000	519.860097	688.765989
1284	1.284000	519.171583	688.261673
1285	1.285000	518.483573	687.757356
1286	1.286000	517.796068	687.253040
1287	1.287000	517.109067	686.748723
1288	1.288000	516.422571	686.244407
1289	1.289000	515.736579	685.740091
1290	1.290000	515.051091	685.235774
1291	1.291000	514.366107	684.731458
1292	1.292000	513.681628	684.227141
1293	1.293000	512.997653	683.722825

1294	1.294000	512.314182	683.218509
1295	1.295000	511.631216	682.714192
1296	1.296000	510.948754	682.209876
1297	1.297000	510.266796	681.705560
1298	1.298000	509.585343	681.201243
1299	1.299000	508.904393	680.696927
1300	1.300000	508.223949	680.192610
1301	1.301000	507.544008	679.688294
1302	1.302000	506.864572	679.183978
1303	1.303000	506.185640	678.679661
1304	1.304000	505.507213	678.175345
1305	1.305000	504.829290	677.671028
1306	1.306000	504.151871	677.166712
1307	1.307000	503.474956	676.662396
1308	1.308000	502.798546	676.158079
1309	1.309000	502.122640	675.653763
1310	1.310000	501.447238	675.149446
1311	1.311000	500.772341	674.645130
1312	1.312000	500.097948	674.140814
1313	1.313000	499.424060	673.636497
1314	1.314000	498.750675	673.132181
1315	1.315000	498.077795	672.627864
1316	1.316000	497.405419	672.123548
1317	1.317000	496.733548	671.619232
1318	1.318000	496.062181	671.114915
1319	1.319000	495.391318	670.610599
1320	1.320000	494.720960	670.106283
1321	1.321000	494.051106	669.601966
1322	1.322000	493.381756	669.097650
1323	1.323000	492.712910	668.593333
1324	1.324000	492.044569	668.089017
1325	1.325000	491.376732	667.584701
1326	1.326000	490.709400	667.080384
1327	1.327000	490.042572	666.576068
1328	1.328000	489.376248	666.071751
1329	1.329000	488.710428	665.567435
1330	1.330000	488.045113	665.063119
1331	1.331000	487.380302	664.558802
1332	1.332000	486.715995	664.054486
1333	1.333000	486.052193	663.550169
1334	1.334000	485.388895	663.045853
1335	1.335000	484.726101	662.541537
1336	1.336000	484.063812	662.037220
1337	1.337000	483.402027	661.532904
1338	1.338000	482.740746	661.028587
1339	1.339000	482.079970	660.524271
1340	1.340000	481.419697	660.019955
1341	1.341000	480.759930	659.515638
1342	1.342000	480.100666	659.011322
1343	1.343000	479.441907	658.507006
1344	1.344000	478.783652	658.002689
1345	1.345000	478.125902	657.498373
1346	1.346000	477.468655	656.994056
1347	1.347000	476.811913	656.489740
1348	1.348000	476.155676	655.985424
1349	1.349000	475.499943	655.481107
1350	1.350000	474.844714	654.976791
1351	1.351000	474.189989	654.472474
1352	1.352000	473.535769	653.968158

1353	1.353000	472.882053	653.463842
1354	1.354000	472.228841	652.959525
1355	1.355000	471.576134	652.455209
1356	1.356000	470.923931	651.950892
1357	1.357000	470.272232	651.446576
1358	1.358000	469.621037	650.942260
1359	1.359000	468.970347	650.437943
1360	1.360000	468.320162	649.933627
1361	1.361000	467.670480	649.429310
1362	1.362000	467.021303	648.924994
1363	1.363000	466.372630	648.420678
1364	1.364000	465.724462	647.916361
1365	1.365000	465.076797	647.412045
1366	1.366000	464.429638	646.907728
1367	1.367000	463.782982	646.403412
1368	1.368000	463.136831	645.899096
1369	1.369000	462.491184	645.394779
1370	1.370000	461.846041	644.890463
1371	1.371000	461.201403	644.386147
1372	1.372000	460.557269	643.881830
1373	1.373000	459.913639	643.377514
1374	1.374000	459.270514	642.873197
1375	1.375000	458.627893	642.368881
1376	1.376000	457.985776	641.864565
1377	1.377000	457.344164	641.360248
1378	1.378000	456.703056	640.855932
1379	1.379000	456.062452	640.351615
1380	1.380000	455.422352	639.847299
1381	1.381000	454.782757	639.342983
1382	1.382000	454.143666	638.838666
1383	1.383000	453.505080	638.334350
1384	1.384000	452.866998	637.830033
1385	1.385000	452.229420	637.325717
1386	1.386000	451.592346	636.821401
1387	1.387000	450.955777	636.317084
1388	1.388000	450.319712	635.812768
1389	1.389000	449.684151	635.308451
1390	1.390000	449.049095	634.804135
1391	1.391000	448.414543	634.299819
1392	1.392000	447.780496	633.795502
1393	1.393000	447.146952	633.291186
1394	1.394000	446.513913	632.786870
1395	1.395000	445.881378	632.282553
1396	1.396000	445.249348	631.778237
1397	1.397000	444.617822	631.273920
1398	1.398000	443.986800	630.769604
1399	1.399000	443.356283	630.265288
1400	1.400000	442.726270	629.760971
1401	1.401000	442.096761	629.256655
1402	1.402000	441.467756	628.752338
1403	1.403000	440.839256	628.248022
1404	1.404000	440.211260	627.743706
1405	1.405000	439.583769	627.239389
1406	1.406000	438.956782	626.735073
1407	1.407000	438.330299	626.230756
1408	1.408000	437.704320	625.726440
1409	1.409000	437.078846	625.222124
1410	1.410000	436.453876	624.717807
1411	1.411000	435.829410	624.213491

1412	1.412000	435.205449	623.709174
1413	1.413000	434.581992	623.204858
1414	1.414000	433.959039	622.700542
1415	1.415000	433.336591	622.196225
1416	1.416000	432.714647	621.691909
1417	1.417000	432.093207	621.187593
1418	1.418000	431.472271	620.683276
1419	1.419000	430.851840	620.178960
1420	1.420000	430.231913	619.674643
1421	1.421000	429.612491	619.170327
1422	1.422000	428.993573	618.666011
1423	1.423000	428.375159	618.161694
1424	1.424000	427.757249	617.657378
1425	1.425000	427.139844	617.153061
1426	1.426000	426.522943	616.648745
1427	1.427000	425.906547	616.144429
1428	1.428000	425.290654	615.640112
1429	1.429000	424.675267	615.135796
1430	1.430000	424.060383	614.631479
1431	1.431000	423.446004	614.127163
1432	1.432000	422.832129	613.622847
1433	1.433000	422.218758	613.118530
1434	1.434000	421.605891	612.614214
1435	1.435000	420.993529	612.109897
1436	1.436000	420.381672	611.605581
1437	1.437000	419.770318	611.101265
1438	1.438000	419.159469	610.596948
1439	1.439000	418.549124	610.092632
1440	1.440000	417.939284	609.588315
1441	1.441000	417.329948	609.083999
1442	1.442000	416.721116	608.579683
1443	1.443000	416.112788	608.075366
1444	1.444000	415.504965	607.571050
1445	1.445000	414.897646	607.066734
1446	1.446000	414.290832	606.562417
1447	1.447000	413.684521	606.058101
1448	1.448000	413.078716	605.553784
1449	1.449000	412.473414	605.049468
1450	1.450000	411.868617	604.545152
1451	1.451000	411.264324	604.040835
1452	1.452000	410.660535	603.536519
1453	1.453000	410.057251	603.032202
1454	1.454000	409.454470	602.527886
1455	1.455000	408.852195	602.023570
1456	1.456000	408.250423	601.519253
1457	1.457000	407.649156	601.014937
1458	1.458000	407.048393	600.510620
1459	1.459000	406.448135	600.006304
1460	1.460000	405.848381	599.501988
1461	1.461000	405.249131	598.997671
1462	1.462000	404.650386	598.493355
1463	1.463000	404.052144	597.989038
1464	1.464000	403.454407	597.484722
1465	1.465000	402.857175	596.980406
1466	1.466000	402.260447	596.476089
1467	1.467000	401.664223	595.971773
1468	1.468000	401.068503	595.467457
1469	1.469000	400.473288	594.963140
1470	1.470000	399.878577	594.458824

1471	1.471000	399.284370	593.954507
1472	1.472000	398.690668	593.450191
1473	1.473000	398.097470	592.945875
1474	1.474000	397.504776	592.441558
1475	1.475000	396.912587	591.937242
1476	1.476000	396.320902	591.432925
1477	1.477000	395.729721	590.928609
1478	1.478000	395.139044	590.424293
1479	1.479000	394.548872	589.919976
1480	1.480000	393.959204	589.415660
1481	1.481000	393.370041	588.911343
1482	1.482000	392.781382	588.407027
1483	1.483000	392.193227	587.902711
1484	1.484000	391.605576	587.398394
1485	1.485000	391.018430	586.894078
1486	1.486000	390.431788	586.389761
1487	1.487000	389.845651	585.885445
1488	1.488000	389.260017	585.381129
1489	1.489000	388.674888	584.876812
1490	1.490000	388.090264	584.372496
1491	1.491000	387.506143	583.868180
1492	1.492000	386.922527	583.363863
1493	1.493000	386.339416	582.859547
1494	1.494000	385.756808	582.355230
1495	1.495000	385.174705	581.850914
1496	1.496000	384.593106	581.346598
1497	1.497000	384.012012	580.842281
1498	1.498000	383.431422	580.337965
1499	1.499000	382.851336	579.833648
1500	1.500000	382.271754	579.329332
1501	1.501000	381.692677	578.825016
1502	1.502000	381.114104	578.320699
1503	1.503000	380.536036	577.816383
1504	1.504000	379.958472	577.312066
1505	1.505000	379.381412	576.807750
1506	1.506000	378.804856	576.303434
1507	1.507000	378.228805	575.799117
1508	1.508000	377.653258	575.294801
1509	1.509000	377.078215	574.790484
1510	1.510000	376.503677	574.286168
1511	1.511000	375.929643	573.781852
1512	1.512000	375.356113	573.277535
1513	1.513000	374.783088	572.773219
1514	1.514000	374.210567	572.268902
1515	1.515000	373.638550	571.764586
1516	1.516000	373.067038	571.260270
1517	1.517000	372.496030	570.755953
1518	1.518000	371.925526	570.251637
1519	1.519000	371.355526	569.747321
1520	1.520000	370.786031	569.243004
1521	1.521000	370.217040	568.738688
1522	1.522000	369.648554	568.234371
1523	1.523000	369.080572	567.730055
1524	1.524000	368.513094	567.225739
1525	1.525000	367.946120	566.721422
1526	1.526000	367.379651	566.217106
1527	1.527000	366.813686	565.712789
1528	1.528000	366.248225	565.208473
1529	1.529000	365.683269	564.704157

1530	1.530000	365.118817	564.199840
1531	1.531000	364.554869	563.695524
1532	1.532000	363.991426	563.191207
1533	1.533000	363.428487	562.686891
1534	1.534000	362.866052	562.182575
1535	1.535000	362.304122	561.678258
1536	1.536000	361.742696	561.173942
1537	1.537000	361.181774	560.669625
1538	1.538000	360.621356	560.165309
1539	1.539000	360.061443	559.660993
1540	1.540000	359.502034	559.156676
1541	1.541000	358.943130	558.652360
1542	1.542000	358.384730	558.148044
1543	1.543000	357.826834	557.643727
1544	1.544000	357.269442	557.139411
1545	1.545000	356.712555	556.635094
1546	1.546000	356.156172	556.130778
1547	1.547000	355.600293	555.626462
1548	1.548000	355.044919	555.122145
1549	1.549000	354.490049	554.617829
1550	1.550000	353.935683	554.113512
1551	1.551000	353.381822	553.609196
1552	1.552000	352.828465	553.104880
1553	1.553000	352.275612	552.600563
1554	1.554000	351.723264	552.096247
1555	1.555000	351.171420	551.591930
1556	1.556000	350.620080	551.087614
1557	1.557000	350.069245	550.583298
1558	1.558000	349.518913	550.078981
1559	1.559000	348.969087	549.574665
1560	1.560000	348.419764	549.070348
1561	1.561000	347.870946	548.566032
1562	1.562000	347.322632	548.061716
1563	1.563000	346.774822	547.557399
1564	1.564000	346.227517	547.053083
1565	1.565000	345.680716	546.548767
1566	1.566000	345.134420	546.044450
1567	1.567000	344.588627	545.540134
1568	1.568000	344.043339	545.035817
1569	1.569000	343.498556	544.531501
1570	1.570000	342.954276	544.027185
1571	1.571000	342.410501	543.522868
1572	1.572000	341.867231	543.018552
1573	1.573000	341.324464	542.514235
1574	1.574000	340.782202	542.009919
1575	1.575000	340.240444	541.505603
1576	1.576000	339.699191	541.001286
1577	1.577000	339.158442	540.496970
1578	1.578000	338.618197	539.992653
1579	1.579000	338.078457	539.488337
1580	1.580000	337.539220	538.984021
1581	1.581000	337.000489	538.479704
1582	1.582000	336.462261	537.975388
1583	1.583000	335.924538	537.471071
1584	1.584000	335.387319	536.966755
1585	1.585000	334.850604	536.462439
1586	1.586000	334.314394	535.958122
1587	1.587000	333.778688	535.453806
1588	1.588000	333.243486	534.949489

1589	1.589000	332.708789	534.445173
1590	1.590000	332.174596	533.940857
1591	1.591000	331.640907	533.436540
1592	1.592000	331.107723	532.932224
1593	1.593000	330.575043	532.427908
1594	1.594000	330.042867	531.923591
1595	1.595000	329.511196	531.419275
1596	1.596000	328.980029	530.914958
1597	1.597000	328.449366	530.410642
1598	1.598000	327.919207	529.906326
1599	1.599000	327.389553	529.402009
1600	1.600000	326.860403	528.897693
1601	1.601000	326.331758	528.393376
1602	1.602000	325.803616	527.889060
1603	1.603000	325.275980	527.384744
1604	1.604000	324.748847	526.880427
1605	1.605000	324.222219	526.376111
1606	1.606000	323.696095	525.871794
1607	1.607000	323.170475	525.367478
1608	1.608000	322.645360	524.863162
1609	1.609000	322.120749	524.358845
1610	1.610000	321.596642	523.854529
1611	1.611000	321.073040	523.350212
1612	1.612000	320.549942	522.845896
1613	1.613000	320.027348	522.341580
1614	1.614000	319.505259	521.837263
1615	1.615000	318.983673	521.332947
1616	1.616000	318.462593	520.828631
1617	1.617000	317.942016	520.324314
1618	1.618000	317.421944	519.819998
1619	1.619000	316.902376	519.315681
1620	1.620000	316.383313	518.811365
1621	1.621000	315.864753	518.307049
1622	1.622000	315.346699	517.802732
1623	1.623000	314.829148	517.298416
1624	1.624000	314.312102	516.794099
1625	1.625000	313.795560	516.289783
1626	1.626000	313.279522	515.785467
1627	1.627000	312.763989	515.281150
1628	1.628000	312.248960	514.776834
1629	1.629000	311.734435	514.272517
1630	1.630000	311.220415	513.768201
1631	1.631000	310.706899	513.263885
1632	1.632000	310.193887	512.759568
1633	1.633000	309.681380	512.255252
1634	1.634000	309.169377	511.750935
1635	1.635000	308.657878	511.246619
1636	1.636000	308.146883	510.742303
1637	1.637000	307.636393	510.237986
1638	1.638000	307.126407	509.733670
1639	1.639000	306.616926	509.229354
1640	1.640000	306.107949	508.725037
1641	1.641000	305.599476	508.220721
1642	1.642000	305.091507	507.716404
1643	1.643000	304.584043	507.212088
1644	1.644000	304.077083	506.707772
1645	1.645000	303.570627	506.203455
1646	1.646000	303.064676	505.699139
1647	1.647000	302.559229	505.194822

1648	1.648000	302.054286	504.690506
1649	1.649000	301.549848	504.186190
1650	1.650000	301.045914	503.681873
1651	1.651000	300.542484	503.177557
1652	1.652000	300.039559	502.673240
1653	1.653000	299.537138	502.168924
1654	1.654000	299.035221	501.664608
1655	1.655000	298.533809	501.160291
1656	1.656000	298.032901	500.655975
1657	1.657000	297.532497	500.151658
1658	1.658000	297.032597	499.647342
1659	1.659000	296.533202	499.143026
1660	1.660000	296.034311	498.638709
1661	1.661000	295.535925	498.134393
1662	1.662000	295.038042	497.630076
1663	1.663000	294.540664	497.125760
1664	1.664000	294.043791	496.621444
1665	1.665000	293.547422	496.117127
1666	1.666000	293.051557	495.612811
1667	1.667000	292.556196	495.108495
1668	1.668000	292.061340	494.604178
1669	1.669000	291.566988	494.099862
1670	1.670000	291.073140	493.595545
1671	1.671000	290.579797	493.091229
1672	1.672000	290.086957	492.586913
1673	1.673000	289.594623	492.082596
1674	1.674000	289.102792	491.578280
1675	1.675000	288.611466	491.073963
1676	1.676000	288.120644	490.569647
1677	1.677000	287.630327	490.065331
1678	1.678000	287.140514	489.561014
1679	1.679000	286.651205	489.056698
1680	1.680000	286.162400	488.552381
1681	1.681000	285.674100	488.048065
1682	1.682000	285.186304	487.543749
1683	1.683000	284.699013	487.039432
1684	1.684000	284.212225	486.535116
1685	1.685000	283.725942	486.030799
1686	1.686000	283.240164	485.526483
1687	1.687000	282.754889	485.022167
1688	1.688000	282.270119	484.517850
1689	1.689000	281.785854	484.013534
1690	1.690000	281.302092	483.509218
1691	1.691000	280.818835	483.004901
1692	1.692000	280.336082	482.500585
1693	1.693000	279.853834	481.996268
1694	1.694000	279.372090	481.491952
1695	1.695000	278.890850	480.987636
1696	1.696000	278.410115	480.483319
1697	1.697000	277.929884	479.979003
1698	1.698000	277.450157	479.474686
1699	1.699000	276.970934	478.970370
1700	1.700000	276.492216	478.466054
1701	1.701000	276.014002	477.961737
1702	1.702000	275.536292	477.457421
1703	1.703000	275.059087	476.953104
1704	1.704000	274.582386	476.448788
1705	1.705000	274.106190	475.944472
1706	1.706000	273.630497	475.440155

1707	1.707000	273.155309	474.935839
1708	1.708000	272.680626	474.431522
1709	1.709000	272.206446	473.927206
1710	1.710000	271.732771	473.422890
1711	1.711000	271.259600	472.918573
1712	1.712000	270.786934	472.414257
1713	1.713000	270.314772	471.909941
1714	1.714000	269.843114	471.405624
1715	1.715000	269.371961	470.901308
1716	1.716000	268.901312	470.396991
1717	1.717000	268.431167	469.892675
1718	1.718000	267.961526	469.388359
1719	1.719000	267.492390	468.884042
1720	1.720000	267.023758	468.379726
1721	1.721000	266.555631	467.875409
1722	1.722000	266.088007	467.371093
1723	1.723000	265.620888	466.866777
1724	1.724000	265.154274	466.362460
1725	1.725000	264.688163	465.858144
1726	1.726000	264.222557	465.353827
1727	1.727000	263.757456	464.849511
1728	1.728000	263.292858	464.345195
1729	1.729000	262.828765	463.840878
1730	1.730000	262.365177	463.336562
1731	1.731000	261.902092	462.832245
1732	1.732000	261.439512	462.327929
1733	1.733000	260.977436	461.823613
1734	1.734000	260.515865	461.319296
1735	1.735000	260.054798	460.814980
1736	1.736000	259.594235	460.310663
1737	1.737000	259.134177	459.806347
1738	1.738000	258.674622	459.302031
1739	1.739000	258.215572	458.797714
1740	1.740000	257.757027	458.293398
1741	1.741000	257.298986	457.789082
1742	1.742000	256.841449	457.284765
1743	1.743000	256.384416	456.780449
1744	1.744000	255.927888	456.276132
1745	1.745000	255.471864	455.771816
1746	1.746000	255.016344	455.267500
1747	1.747000	254.561329	454.763183
1748	1.748000	254.106818	454.258867
1749	1.749000	253.652811	453.754550
1750	1.750000	253.199309	453.250234
1751	1.751000	252.746311	452.745918
1752	1.752000	252.293817	452.241601
1753	1.753000	251.841827	451.737285
1754	1.754000	251.390342	451.232968
1755	1.755000	250.939362	450.728652
1756	1.756000	250.488885	450.224336
1757	1.757000	250.038913	449.720019
1758	1.758000	249.589445	449.215703
1759	1.759000	249.140481	448.711386
1760	1.760000	248.692022	448.207070
1761	1.761000	248.244067	447.702754
1762	1.762000	247.796617	447.198437
1763	1.763000	247.349670	446.694121
1764	1.764000	246.903228	446.189805
1765	1.765000	246.457291	445.685488

1766	1.766000	246.011857	445.181172
1767	1.767000	245.566928	444.676855
1768	1.768000	245.122504	444.172539
1769	1.769000	244.678583	443.668223
1770	1.770000	244.235167	443.163906
1771	1.771000	243.792256	442.659590
1772	1.772000	243.349848	442.155273
1773	1.773000	242.907945	441.650957
1774	1.774000	242.466546	441.146641
1775	1.775000	242.025652	440.642324
1776	1.776000	241.585262	440.138008
1777	1.777000	241.145376	439.633691
1778	1.778000	240.705994	439.129375
1779	1.779000	240.267117	438.625059
1780	1.780000	239.828744	438.120742
1781	1.781000	239.390876	437.616426
1782	1.782000	238.953511	437.112109
1783	1.783000	238.516651	436.607793
1784	1.784000	238.080296	436.103477
1785	1.785000	237.644444	435.599160
1786	1.786000	237.209097	435.094844
1787	1.787000	236.774255	434.590528
1788	1.788000	236.339916	434.086211
1789	1.789000	235.906082	433.581895
1790	1.790000	235.472752	433.077578
1791	1.791000	235.039927	432.573262
1792	1.792000	234.607606	432.068946
1793	1.793000	234.175789	431.564629
1794	1.794000	233.744477	431.060313
1795	1.795000	233.313669	430.555996
1796	1.796000	232.883365	430.051680
1797	1.797000	232.453565	429.547364
1798	1.798000	232.024270	429.043047
1799	1.799000	231.595479	428.538731
1800	1.800000	231.167193	428.034414
1801	1.801000	230.739410	427.530098
1802	1.802000	230.312132	427.025782
1803	1.803000	229.885359	426.521465
1804	1.804000	229.459089	426.017149
1805	1.805000	229.033324	425.512832
1806	1.806000	228.608064	425.008516
1807	1.807000	228.183307	424.504200
1808	1.808000	227.759055	423.999883
1809	1.809000	227.335308	423.495567
1810	1.810000	226.912064	422.991250
1811	1.811000	226.489325	422.486934
1812	1.812000	226.067090	421.982618
1813	1.813000	225.645360	421.478301
1814	1.814000	225.224134	420.973985
1815	1.815000	224.803412	420.469669
1816	1.816000	224.383194	419.965352
1817	1.817000	223.963481	419.461036
1818	1.818000	223.544272	418.956719
1819	1.819000	223.125568	418.452403
1820	1.820000	222.707368	417.948087
1821	1.821000	222.289672	417.443770
1822	1.822000	221.872480	416.939454
1823	1.823000	221.455793	416.435137
1824	1.824000	221.039610	415.930821

1825	1.825000	220.623931	415.426505
1826	1.826000	220.208757	414.922188
1827	1.827000	219.794087	414.417872
1828	1.828000	219.379921	413.913555
1829	1.829000	218.966260	413.409239
1830	1.830000	218.553102	412.904923
1831	1.831000	218.140450	412.400606
1832	1.832000	217.728301	411.896290
1833	1.833000	217.316657	411.391973
1834	1.834000	216.905517	410.887657
1835	1.835000	216.494882	410.383341
1836	1.836000	216.084751	409.879024
1837	1.837000	215.675124	409.374708
1838	1.838000	215.266001	408.870392
1839	1.839000	214.857383	408.366075
1840	1.840000	214.449269	407.861759
1841	1.841000	214.041659	407.357442
1842	1.842000	213.634554	406.853126
1843	1.843000	213.227953	406.348810
1844	1.844000	212.821857	405.844493
1845	1.845000	212.416264	405.340177
1846	1.846000	212.011176	404.835860
1847	1.847000	211.606593	404.331544
1848	1.848000	211.202513	403.827228
1849	1.849000	210.798938	403.322911
1850	1.850000	210.395867	402.818595
1851	1.851000	209.993301	402.314278
1852	1.852000	209.591239	401.809962
1853	1.853000	209.189681	401.305646
1854	1.854000	208.788627	400.801329
1855	1.855000	208.388078	400.297013
1856	1.856000	207.988033	399.792696
1857	1.857000	207.588493	399.288380
1858	1.858000	207.189457	398.784064
1859	1.859000	206.790925	398.279747
1860	1.860000	206.392897	397.775431
1861	1.861000	205.995374	397.271115
1862	1.862000	205.598355	396.766798
1863	1.863000	205.201840	396.262482
1864	1.864000	204.805830	395.758165
1865	1.865000	204.410324	395.253849
1866	1.866000	204.015322	394.749533
1867	1.867000	203.620825	394.245216
1868	1.868000	203.226832	393.740900
1869	1.869000	202.833343	393.236583
1870	1.870000	202.440359	392.732267
1871	1.871000	202.047879	392.227951
1872	1.872000	201.655903	391.723634
1873	1.873000	201.264431	391.219318
1874	1.874000	200.873464	390.715001
1875	1.875000	200.483001	390.210685
1876	1.876000	200.093043	389.706369
1877	1.877000	199.703589	389.202052
1878	1.878000	199.314639	388.697736
1879	1.879000	198.926193	388.193419
1880	1.880000	198.538252	387.689103
1881	1.881000	198.150815	387.184787
1882	1.882000	197.763882	386.680470
1883	1.883000	197.377454	386.176154

1884	1.884000	196.991530	385.671837
1885	1.885000	196.606110	385.167521
1886	1.886000	196.221195	384.663205
1887	1.887000	195.836784	384.158888
1888	1.888000	195.452877	383.654572
1889	1.889000	195.069475	383.150256
1890	1.890000	194.686577	382.645939
1891	1.891000	194.304183	382.141623
1892	1.892000	193.922293	381.637306
1893	1.893000	193.540908	381.132990
1894	1.894000	193.160027	380.628674
1895	1.895000	192.779651	380.124357
1896	1.896000	192.399779	379.620041
1897	1.897000	192.020411	379.115724
1898	1.898000	191.641547	378.611408
1899	1.899000	191.263188	378.107092
1900	1.900000	190.885333	377.602775
1901	1.901000	190.507982	377.098459
1902	1.902000	190.131136	376.594142
1903	1.903000	189.754794	376.089826
1904	1.904000	189.378956	375.585510
1905	1.905000	189.003623	375.081193
1906	1.906000	188.628794	374.576877
1907	1.907000	188.254469	374.072560
1908	1.908000	187.880649	373.568244
1909	1.909000	187.507333	373.063928
1910	1.910000	187.134521	372.559611
1911	1.911000	186.762214	372.055295
1912	1.912000	186.390411	371.550979
1913	1.913000	186.019112	371.046662
1914	1.914000	185.648317	370.542346
1915	1.915000	185.278027	370.038029
1916	1.916000	184.908241	369.533713
1917	1.917000	184.538960	369.029397
1918	1.918000	184.170182	368.525080
1919	1.919000	183.801909	368.020764
1920	1.920000	183.434141	367.516447
1921	1.921000	183.066877	367.012131
1922	1.922000	182.700117	366.507815
1923	1.923000	182.333861	366.003498
1924	1.924000	181.968110	365.499182
1925	1.925000	181.602863	364.994865
1926	1.926000	181.238120	364.490549
1927	1.927000	180.873881	363.986233
1928	1.928000	180.510147	363.481916
1929	1.929000	180.146918	362.977600
1930	1.930000	179.784192	362.473283
1931	1.931000	179.421971	361.968967
1932	1.932000	179.060254	361.464651
1933	1.933000	178.699042	360.960334
1934	1.934000	178.338334	360.456018
1935	1.935000	177.978130	359.951702
1936	1.936000	177.618430	359.447385
1937	1.937000	177.259235	358.943069
1938	1.938000	176.900544	358.438752
1939	1.939000	176.542357	357.934436
1940	1.940000	176.184675	357.430120
1941	1.941000	175.827497	356.925803
1942	1.942000	175.470824	356.421487

1943	1.943000	175.114654	355.917170
1944	1.944000	174.758989	355.412854
1945	1.945000	174.403829	354.908538
1946	1.946000	174.049172	354.404221
1947	1.947000	173.695020	353.899905
1948	1.948000	173.341372	353.395588
1949	1.949000	172.988229	352.891272
1950	1.950000	172.635590	352.386956
1951	1.951000	172.283455	351.882639
1952	1.952000	171.931824	351.378323
1953	1.953000	171.580698	350.874006
1954	1.954000	171.230076	350.369690
1955	1.955000	170.879959	349.865374
1956	1.956000	170.530346	349.361057
1957	1.957000	170.181237	348.856741
1958	1.958000	169.832632	348.352424
1959	1.959000	169.484532	347.848108
1960	1.960000	169.136936	347.343792
1961	1.961000	168.789844	346.839475
1962	1.962000	168.443257	346.335159
1963	1.963000	168.097174	345.830843
1964	1.964000	167.751595	345.326526
1965	1.965000	167.406521	344.822210
1966	1.966000	167.061951	344.317893
1967	1.967000	166.717885	343.813577
1968	1.968000	166.374324	343.309261
1969	1.969000	166.031267	342.804944
1970	1.970000	165.688714	342.300628
1971	1.971000	165.346665	341.796311
1972	1.972000	165.005121	341.291995
1973	1.973000	164.664081	340.787679
1974	1.974000	164.323546	340.283362
1975	1.975000	163.983515	339.779046
1976	1.976000	163.643988	339.274729
1977	1.977000	163.304965	338.770413
1978	1.978000	162.966447	338.266097
1979	1.979000	162.628433	337.761780
1980	1.980000	162.290923	337.257464
1981	1.981000	161.953918	336.753147
1982	1.982000	161.617417	336.248831
1983	1.983000	161.281421	335.744515
1984	1.984000	160.945928	335.240198
1985	1.985000	160.610940	334.735882
1986	1.986000	160.276456	334.231566
1987	1.987000	159.942477	333.727249
1988	1.988000	159.609002	333.222933
1989	1.989000	159.276031	332.718616
1990	1.990000	158.943565	332.214300
1991	1.991000	158.611603	331.709984
1992	1.992000	158.280145	331.205667
1993	1.993000	157.949191	330.701351
1994	1.994000	157.618742	330.197034
1995	1.995000	157.288797	329.692718
1996	1.996000	156.959357	329.188402
1997	1.997000	156.630420	328.684085
1998	1.998000	156.301988	328.179769
1999	1.999000	155.974061	327.675452
2000	2.000000	155.646637	327.171136
2001	2.001000	155.319719	326.666820

2002	2.002000	154.993304	326.162503
2003	2.003000	154.667393	325.658187
2004	2.004000	154.341987	325.153870
2005	2.005000	154.017086	324.649554
2006	2.006000	153.692688	324.145238
2007	2.007000	153.368795	323.640921
2008	2.008000	153.045407	323.136605
2009	2.009000	152.722522	322.632288
2010	2.010000	152.400142	322.127972
2011	2.011000	152.078266	321.623656
2012	2.012000	151.756895	321.119339
2013	2.013000	151.436027	320.615023
2014	2.014000	151.115665	320.110707
2015	2.015000	150.795806	319.606390
2016	2.016000	150.476452	319.102074
2017	2.017000	150.157602	318.597757
2018	2.018000	149.839256	318.093441
2019	2.019000	149.521415	317.589125
2020	2.020000	149.204078	317.084808
2021	2.021000	148.887245	316.580492
2022	2.022000	148.570917	316.076175
2023	2.023000	148.255093	315.571859
2024	2.024000	147.939773	315.067543
2025	2.025000	147.624958	314.563226
2026	2.026000	147.310647	314.058910
2027	2.027000	146.996840	313.554593
2028	2.028000	146.683538	313.050277
2029	2.029000	146.370740	312.545961
2030	2.030000	146.058446	312.041644
2031	2.031000	145.746656	311.537328
2032	2.032000	145.435371	311.033011
2033	2.033000	145.124590	310.528695
2034	2.034000	144.814314	310.024379
2035	2.035000	144.504542	309.520062
2036	2.036000	144.195274	309.015746
2037	2.037000	143.886510	308.511430
2038	2.038000	143.578251	308.007113
2039	2.039000	143.270496	307.502797
2040	2.040000	142.963245	306.998480
2041	2.041000	142.656499	306.494164
2042	2.042000	142.350257	305.989848
2043	2.043000	142.044519	305.485531
2044	2.044000	141.739286	304.981215
2045	2.045000	141.434557	304.476898
2046	2.046000	141.130332	303.972582
2047	2.047000	140.826612	303.468266
2048	2.048000	140.523395	302.963949
2049	2.049000	140.220684	302.459633
2050	2.050000	139.918476	301.955316
2051	2.051000	139.616773	301.451000
2052	2.052000	139.315574	300.946684
2053	2.053000	139.014880	300.442367
2054	2.054000	138.714689	299.938051
2055	2.055000	138.415004	299.433734
2056	2.056000	138.115822	298.929418
2057	2.057000	137.817145	298.425102
2058	2.058000	137.518972	297.920785
2059	2.059000	137.221303	297.416469
2060	2.060000	136.924139	296.912153

2061	2.061000	136.627479	296.407836
2062	2.062000	136.331323	295.903520
2063	2.063000	136.035672	295.399203
2064	2.064000	135.740525	294.894887
2065	2.065000	135.445882	294.390571
2066	2.066000	135.151744	293.886254
2067	2.067000	134.858110	293.381938
2068	2.068000	134.564980	292.877621
2069	2.069000	134.272354	292.373305
2070	2.070000	133.980233	291.868989
2071	2.071000	133.688616	291.364672
2072	2.072000	133.397504	290.860356
2073	2.073000	133.106896	290.356039
2074	2.074000	132.816792	289.851723
2075	2.075000	132.527192	289.347407
2076	2.076000	132.238097	288.843090
2077	2.077000	131.949506	288.338774
2078	2.078000	131.661419	287.834457
2079	2.079000	131.373837	287.330141
2080	2.080000	131.086759	286.825825
2081	2.081000	130.800185	286.321508
2082	2.082000	130.514116	285.817192
2083	2.083000	130.228551	285.312875
2084	2.084000	129.943490	284.808559
2085	2.085000	129.658934	284.304243
2086	2.086000	129.374882	283.799926
2087	2.087000	129.091334	283.295610
2088	2.088000	128.808291	282.791294
2089	2.089000	128.525751	282.286977
2090	2.090000	128.243717	281.782661
2091	2.091000	127.962186	281.278344
2092	2.092000	127.681160	280.774028
2093	2.093000	127.400638	280.269712
2094	2.094000	127.120621	279.765395
2095	2.095000	126.841107	279.261079
2096	2.096000	126.562098	278.756762
2097	2.097000	126.283594	278.252446
2098	2.098000	126.005593	277.748130
2099	2.099000	125.728097	277.243813
2100	2.100000	125.451106	276.739497
2101	2.101000	125.174619	276.235180
2102	2.102000	124.898635	275.730864
2103	2.103000	124.623157	275.226548
2104	2.104000	124.348182	274.722231
2105	2.105000	124.073712	274.217915
2106	2.106000	123.799747	273.713598
2107	2.107000	123.526285	273.209282
2108	2.108000	123.253328	272.704966
2109	2.109000	122.980875	272.200649
2110	2.110000	122.708927	271.696333
2111	2.111000	122.437483	271.192017
2112	2.112000	122.166543	270.687700
2113	2.113000	121.896107	270.183384
2114	2.114000	121.626176	269.679067
2115	2.115000	121.356749	269.174751
2116	2.116000	121.087826	268.670435
2117	2.117000	120.819408	268.166118
2118	2.118000	120.551494	267.661802
2119	2.119000	120.284085	267.157485

2120	2.120000	120.017179	266.653169
2121	2.121000	119.750778	266.148853
2122	2.122000	119.484881	265.644536
2123	2.123000	119.219489	265.140220
2124	2.124000	118.954601	264.635903
2125	2.125000	118.690217	264.131587
2126	2.126000	118.426338	263.627271
2127	2.127000	118.162963	263.122954
2128	2.128000	117.900092	262.618638
2129	2.129000	117.637725	262.114321
2130	2.130000	117.375863	261.610005
2131	2.131000	117.114505	261.105689
2132	2.132000	116.853652	260.601372
2133	2.133000	116.593303	260.097056
2134	2.134000	116.333458	259.592740
2135	2.135000	116.074117	259.088423
2136	2.136000	115.815281	258.584107
2137	2.137000	115.556949	258.079790
2138	2.138000	115.299121	257.575474
2139	2.139000	115.041798	257.071158
2140	2.140000	114.784979	256.566841
2141	2.141000	114.528664	256.062525
2142	2.142000	114.272854	255.558208
2143	2.143000	114.017548	255.053892
2144	2.144000	113.762746	254.549576
2145	2.145000	113.508449	254.045259
2146	2.146000	113.254656	253.540943
2147	2.147000	113.001367	253.036626
2148	2.148000	112.748582	252.532310
2149	2.149000	112.496302	252.027994
2150	2.150000	112.244526	251.523677
2151	2.151000	111.993255	251.019361
2152	2.152000	111.742488	250.515044
2153	2.153000	111.492225	250.010728
2154	2.154000	111.242466	249.506412
2155	2.155000	110.993212	249.002095
2156	2.156000	110.744462	248.497779
2157	2.157000	110.496217	247.993462
2158	2.158000	110.248475	247.489146
2159	2.159000	110.001238	246.984830
2160	2.160000	109.754506	246.480513
2161	2.161000	109.508277	245.976197
2162	2.162000	109.262553	245.471881
2163	2.163000	109.017333	244.967564
2164	2.164000	108.772618	244.463248
2165	2.165000	108.528407	243.958931
2166	2.166000	108.284700	243.454615
2167	2.167000	108.041498	242.950299
2168	2.168000	107.798800	242.445982
2169	2.169000	107.556606	241.941666
2170	2.170000	107.314916	241.437349
2171	2.171000	107.073731	240.933033
2172	2.172000	106.833050	240.428717
2173	2.173000	106.592874	239.924400
2174	2.174000	106.353201	239.420084
2175	2.175000	106.114033	238.915767
2176	2.176000	105.875370	238.411451
2177	2.177000	105.637211	237.907135
2178	2.178000	105.399556	237.402818

2179	2.179000	105.162405	236.898502
2180	2.180000	104.925759	236.394185
2181	2.181000	104.689617	235.889869
2182	2.182000	104.453979	235.385553
2183	2.183000	104.218845	234.881236
2184	2.184000	103.984216	234.376920
2185	2.185000	103.750092	233.872604
2186	2.186000	103.516471	233.368287
2187	2.187000	103.283355	232.863971
2188	2.188000	103.050743	232.359654
2189	2.189000	102.818636	231.855338
2190	2.190000	102.587033	231.351022
2191	2.191000	102.355934	230.846705
2192	2.192000	102.125339	230.342389
2193	2.193000	101.895249	229.838072
2194	2.194000	101.665663	229.333756
2195	2.195000	101.436581	228.829440
2196	2.196000	101.208004	228.325123
2197	2.197000	100.979931	227.820807
2198	2.198000	100.752362	227.316490
2199	2.199000	100.525298	226.812174
2200	2.200000	100.298738	226.307858
2201	2.201000	100.072682	225.803541
2202	2.202000	99.847131	225.299225
2203	2.203000	99.622084	224.794908
2204	2.204000	99.397541	224.290592
2205	2.205000	99.173503	223.786276
2206	2.206000	98.949969	223.281959
2207	2.207000	98.726939	222.777643
2208	2.208000	98.504413	222.273327
2209	2.209000	98.282392	221.769010
2210	2.210000	98.060875	221.264694
2211	2.211000	97.839863	220.760377
2212	2.212000	97.619355	220.256061
2213	2.213000	97.399351	219.751745
2214	2.214000	97.179851	219.247428
2215	2.215000	96.960856	218.743112
2216	2.216000	96.742365	218.238795
2217	2.217000	96.524378	217.734479
2218	2.218000	96.306896	217.230163
2219	2.219000	96.089918	216.725846
2220	2.220000	95.873444	216.221530
2221	2.221000	95.657475	215.717213
2222	2.222000	95.442010	215.212897
2223	2.223000	95.227049	214.708581
2224	2.224000	95.012593	214.204264
2225	2.225000	94.798641	213.699948
2226	2.226000	94.585193	213.195631
2227	2.227000	94.372249	212.691315
2228	2.228000	94.159810	212.186999
2229	2.229000	93.947875	211.682682
2230	2.230000	93.736445	211.178366
2231	2.231000	93.525519	210.674049
2232	2.232000	93.315097	210.169733
2233	2.233000	93.105179	209.665417
2234	2.234000	92.895766	209.161100
2235	2.235000	92.686857	208.656784
2236	2.236000	92.478452	208.152468
2237	2.237000	92.270552	207.648151

2238	2.238000	92.063156	207.143835
2239	2.239000	91.856264	206.639518
2240	2.240000	91.649877	206.135202
2241	2.241000	91.443994	205.630886
2242	2.242000	91.238615	205.126569
2243	2.243000	91.033741	204.622253
2244	2.244000	90.829371	204.117936
2245	2.245000	90.625505	203.613620
2246	2.246000	90.422143	203.109304
2247	2.247000	90.219286	202.604987
2248	2.248000	90.016933	202.100671
2249	2.249000	89.815085	201.596354
2250	2.250000	89.613741	201.092038
2251	2.251000	89.412901	200.587722
2252	2.252000	89.212565	200.083405
2253	2.253000	89.012734	199.579089
2254	2.254000	88.813407	199.074772
2255	2.255000	88.614584	198.570456
2256	2.256000	88.416266	198.066140
2257	2.257000	88.218452	197.561823
2258	2.258000	88.021143	197.057507
2259	2.259000	87.824337	196.553191
2260	2.260000	87.628036	196.048874
2261	2.261000	87.432239	195.544558
2262	2.262000	87.236947	195.040241
2263	2.263000	87.042159	194.535925
2264	2.264000	86.847875	194.031609
2265	2.265000	86.654096	193.527292
2266	2.266000	86.460821	193.022976
2267	2.267000	86.268050	192.518659
2268	2.268000	86.075783	192.014343
2269	2.269000	85.884021	191.510027
2270	2.270000	85.692763	191.005710
2271	2.271000	85.502010	190.501394
2272	2.272000	85.311760	189.997077
2273	2.273000	85.122016	189.492761
2274	2.274000	84.932775	188.988445
2275	2.275000	84.744039	188.484128
2276	2.276000	84.555807	187.979812
2277	2.277000	84.368079	187.475495
2278	2.278000	84.180856	186.971179
2279	2.279000	83.994137	186.466863
2280	2.280000	83.807922	185.962546
2281	2.281000	83.622212	185.458230
2282	2.282000	83.437006	184.953914
2283	2.283000	83.252304	184.449597
2284	2.284000	83.068106	183.945281
2285	2.285000	82.884413	183.440964
2286	2.286000	82.701224	182.936648
2287	2.287000	82.518540	182.432332
2288	2.288000	82.336360	181.928015
2289	2.289000	82.154684	181.423699
2290	2.290000	81.973512	180.919382
2291	2.291000	81.792845	180.415066
2292	2.292000	81.612682	179.910750
2293	2.293000	81.433024	179.406433
2294	2.294000	81.253869	178.902117
2295	2.295000	81.075219	178.397800
2296	2.296000	80.897074	177.893484

2297	2.297000	80.719432	177.389168
2298	2.298000	80.542295	176.884851
2299	2.299000	80.365663	176.380535
2300	2.300000	80.189534	175.876218
2301	2.301000	80.013910	175.371902
2302	2.302000	79.838791	174.867586
2303	2.303000	79.664175	174.363269
2304	2.304000	79.490064	173.858953
2305	2.305000	79.316457	173.354636
2306	2.306000	79.143355	172.850320
2307	2.307000	78.970757	172.346004
2308	2.308000	78.798663	171.841687
2309	2.309000	78.627073	171.337371
2310	2.310000	78.455988	170.833055
2311	2.311000	78.285407	170.328738
2312	2.312000	78.115330	169.824422
2313	2.313000	77.945758	169.320105
2314	2.314000	77.776690	168.815789
2315	2.315000	77.608127	168.311473
2316	2.316000	77.440067	167.807156
2317	2.317000	77.272512	167.302840
2318	2.318000	77.105462	166.798523
2319	2.319000	76.938915	166.294207
2320	2.320000	76.772873	165.789891
2321	2.321000	76.607335	165.285574
2322	2.322000	76.442302	164.781258
2323	2.323000	76.277773	164.276941
2324	2.324000	76.113748	163.772625
2325	2.325000	75.950228	163.268309
2326	2.326000	75.787212	162.763992
2327	2.327000	75.624700	162.259676
2328	2.328000	75.462692	161.755359
2329	2.329000	75.301189	161.251043
2330	2.330000	75.140190	160.746727
2331	2.331000	74.979696	160.242410
2332	2.332000	74.819705	159.738094
2333	2.333000	74.660219	159.233778
2334	2.334000	74.501238	158.729461
2335	2.335000	74.342760	158.225145
2336	2.336000	74.184787	157.720828
2337	2.337000	74.027319	157.216512
2338	2.338000	73.870354	156.712196
2339	2.339000	73.713894	156.207879
2340	2.340000	73.557939	155.703563
2341	2.341000	73.402487	155.199246
2342	2.342000	73.247540	154.694930
2343	2.343000	73.093097	154.190614
2344	2.344000	72.939159	153.686297
2345	2.345000	72.785725	153.181981
2346	2.346000	72.632795	152.677664
2347	2.347000	72.480369	152.173348
2348	2.348000	72.328448	151.669032
2349	2.349000	72.177031	151.164715
2350	2.350000	72.026119	150.660399
2351	2.351000	71.875711	150.156082
2352	2.352000	71.725807	149.651766
2353	2.353000	71.576407	149.147450
2354	2.354000	71.427512	148.643133
2355	2.355000	71.279121	148.138817

2356	2.356000	71.131234	147.634501
2357	2.357000	70.983852	147.130184
2358	2.358000	70.836974	146.625868
2359	2.359000	70.690600	146.121551
2360	2.360000	70.544731	145.617235
2361	2.361000	70.399366	145.112919
2362	2.362000	70.254505	144.608602
2363	2.363000	70.110148	144.104286
2364	2.364000	69.966296	143.599969
2365	2.365000	69.822948	143.095653
2366	2.366000	69.680105	142.591337
2367	2.367000	69.537766	142.087020
2368	2.368000	69.395931	141.582704
2369	2.369000	69.254600	141.078387
2370	2.370000	69.113774	140.574071
2371	2.371000	68.973452	140.069755
2372	2.372000	68.833635	139.565438
2373	2.373000	68.694321	139.061122
2374	2.374000	68.555512	138.556805
2375	2.375000	68.417208	138.052489
2376	2.376000	68.279407	137.548173
2377	2.377000	68.142111	137.043856
2378	2.378000	68.005320	136.539540
2379	2.379000	67.869032	136.035223
2380	2.380000	67.733249	135.530907
2381	2.381000	67.597971	135.026591
2382	2.382000	67.463196	134.522274
2383	2.383000	67.328926	134.017958
2384	2.384000	67.195160	133.513642
2385	2.385000	67.061899	133.009325
2386	2.386000	66.929142	132.505009
2387	2.387000	66.796889	132.000692
2388	2.388000	66.665140	131.496376
2389	2.389000	66.533896	130.992060
2390	2.390000	66.403156	130.487743
2391	2.391000	66.272920	129.983427
2392	2.392000	66.143189	129.479110
2393	2.393000	66.013962	128.974794
2394	2.394000	65.885240	128.470478
2395	2.395000	65.757021	127.966161
2396	2.396000	65.629307	127.461845
2397	2.397000	65.502098	126.957528
2398	2.398000	65.375392	126.453212
2399	2.399000	65.249191	125.948896
2400	2.400000	65.123494	125.444579
2401	2.401000	64.998302	124.940263
2402	2.402000	64.873614	124.435946
2403	2.403000	64.749430	123.931630
2404	2.404000	64.625751	123.427314
2405	2.405000	64.502575	122.922997
2406	2.406000	64.379905	122.418681
2407	2.407000	64.257738	121.914365
2408	2.408000	64.136076	121.410048
2409	2.409000	64.014918	120.905732
2410	2.410000	63.894264	120.401415
2411	2.411000	63.774115	119.897099
2412	2.412000	63.654470	119.392783
2413	2.413000	63.535330	118.888466
2414	2.414000	63.416693	118.384150

2415	2.415000	63.298561	117.879833
2416	2.416000	63.180934	117.375517
2417	2.417000	63.063810	116.871201
2418	2.418000	62.947191	116.366884
2419	2.419000	62.831077	115.862568
2420	2.420000	62.715466	115.358251
2421	2.421000	62.600360	114.853935
2422	2.422000	62.485758	114.349619
2423	2.423000	62.371661	113.845302
2424	2.424000	62.258068	113.340986
2425	2.425000	62.146747	109.300839
2426	2.426000	62.039934	104.325417
2427	2.427000	61.937800	99.942258
2428	2.428000	61.839407	96.842579
2429	2.429000	61.743427	95.117971
2430	2.430000	61.648620	94.497092
2431	2.431000	61.554081	94.580273
2432	2.432000	61.459281	95.019907
2433	2.433000	61.363989	95.563485
2434	2.434000	61.268186	96.042628
2435	2.435000	61.171985	96.360050
2436	2.436000	61.075566	96.476517
2437	2.437000	60.979129	96.397806
2438	2.438000	60.882849	96.161668
2439	2.439000	60.786856	95.824791
2440	2.440000	60.691219	95.449756
2441	2.441000	60.595948	95.092131
2442	2.442000	60.501006	94.790997
2443	2.443000	60.406327	94.568154
2444	2.444000	60.311827	94.430747
2445	2.445000	60.217425	94.374026
2446	2.446000	60.123046	94.384099
2447	2.447000	60.028634	94.440690
2448	2.448000	59.934153	94.519897
2449	2.449000	59.839595	94.596947
2450	2.450000	59.744972	94.648955
2451	2.451000	59.650319	94.657645
2452	2.452000	59.555684	94.611253
2453	2.453000	59.461126	94.504321
2454	2.454000	59.366706	94.336677
2455	2.455000	59.272481	94.112378
2456	2.456000	59.178506	93.838652
2457	2.457000	59.084824	93.524846
2458	2.458000	58.991471	93.181365
2459	2.459000	58.898471	92.818623
2460	2.460000	58.805839	92.445980
2461	2.461000	58.713580	92.070703
2462	2.462000	58.621696	91.697270
2463	2.463000	58.530184	91.327548
2464	2.464000	58.439040	90.961317
2465	2.465000	58.348260	90.596812
2466	2.466000	58.257846	90.231256
2467	2.467000	58.167800	89.861398
2468	2.468000	58.078127	89.484054
2469	2.469000	57.988837	89.096644
2470	2.470000	57.899940	88.697726
2471	2.471000	57.811447	88.287529
2472	2.472000	57.723369	87.868261
2473	2.473000	57.635713	87.443852

2474	2.474000	57.548482	87.019484
2475	2.475000	57.461671	86.601106
2476	2.476000	57.375273	86.194955
2477	2.477000	57.289272	85.807069
2478	2.478000	57.203647	85.442808
2479	2.479000	57.118373	85.106372
2480	2.480000	57.033419	84.800316
2481	2.481000	56.948757	84.525078
2482	2.482000	56.864355	84.278718
2483	2.483000	56.780187	84.057195
2484	2.484000	56.696231	83.854854
2485	2.485000	56.612471	83.664933
2486	2.486000	56.528898	83.480049
2487	2.487000	56.445512	83.292707
2488	2.488000	56.362318	83.095791
2489	2.489000	56.279328	82.883066
2490	2.490000	56.196562	82.649674
2491	2.491000	56.114041	82.392625
2492	2.492000	56.031789	82.111104
2493	2.493000	55.949830	81.806298
2494	2.494000	55.868187	81.481050
2495	2.495000	55.786876	81.139492
2496	2.496000	55.705913	80.786687
2497	2.497000	55.625306	80.428268
2498	2.498000	55.545057	80.070079
2499	2.499000	55.465163	79.717812
2500	2.500000	55.385615	79.376648
2501	2.501000	55.306402	79.050900
2502	2.502000	55.227504	78.743751
2503	2.503000	55.148904	78.457234
2504	2.504000	55.070579	78.192307
2505	2.505000	54.992508	77.948932
2506	2.506000	54.914671	77.726154
2507	2.507000	54.837047	77.522176
2508	2.508000	54.759618	77.334444
2509	2.509000	54.682371	77.159720
2510	2.510000	54.605294	76.994163
2511	2.511000	54.528381	76.833408
2512	2.512000	54.451628	76.672684
2513	2.513000	54.375038	76.507016
2514	2.514000	54.298618	76.331471
2515	2.515000	54.222382	76.141400
2516	2.516000	54.146345	75.932680
2517	2.517000	54.070528	75.701959
2518	2.518000	53.994953	75.446899
2519	2.519000	53.919647	75.166417
2520	2.520000	53.844633	74.860932
2521	2.521000	53.769936	74.532600
2522	2.522000	53.695577	74.185397
2523	2.523000	53.621572	73.824821
2524	2.524000	53.547931	73.457431
2525	2.525000	53.474657	73.090386
2526	2.526000	53.401746	72.730987
2527	2.527000	53.329188	72.386213
2528	2.528000	53.256964	72.062258
2529	2.529000	53.185050	71.764073
2530	2.530000	53.113421	71.494902
2531	2.531000	53.042045	71.255829
2532	2.532000	52.970895	71.045534

2533	2.533000	52.899942	70.860582
2534	2.534000	52.829163	70.695921
2535	2.535000	52.758543	70.545381
2536	2.536000	52.688069	70.402189
2537	2.537000	52.617738	70.259465
2538	2.538000	52.547553	70.110732
2539	2.539000	52.477523	69.950418
2540	2.540000	52.407660	69.774363
2541	2.541000	52.337983	69.580318
2542	2.542000	52.268509	69.368229
2543	2.543000	52.199254	69.140005
2544	2.544000	52.130235	68.899077
2545	2.545000	52.061460	68.649946
2546	2.546000	51.992937	68.397731
2547	2.547000	51.924664	68.147722
2548	2.548000	51.856637	67.904929
2549	2.549000	51.788848	67.673630
2550	2.550000	51.721283	67.456925
2551	2.551000	51.653926	67.256288
2552	2.552000	51.586763	67.071309
2553	2.553000	51.519777	66.899898
2554	2.554000	51.452958	66.738669
2555	2.555000	51.386297	66.583331
2556	2.556000	51.319790	66.429084
2557	2.557000	51.253440	66.271009
2558	2.558000	51.187253	66.104459
2559	2.559000	51.121238	65.925454
2560	2.560000	51.055409	65.731072
2561	2.561000	50.989784	65.519833
2562	2.562000	50.924378	65.291934
2563	2.563000	50.859208	65.049084
2564	2.564000	50.794286	64.794183
2565	2.565000	50.729623	64.530998
2566	2.566000	50.665226	64.263842
2567	2.567000	50.601095	63.997245
2568	2.568000	50.537229	63.735632
2569	2.569000	50.473620	63.482996
2570	2.570000	50.410257	63.242576
2571	2.571000	50.347127	63.016535
2572	2.572000	50.284216	62.805760
2573	2.573000	50.221508	62.609957
2574	2.574000	50.158989	62.427868
2575	2.575000	50.096647	62.257492
2576	2.576000	50.034470	62.096300
2577	2.577000	49.972451	61.941460
2578	2.578000	49.910585	61.790056
2579	2.579000	49.848870	61.639305
2580	2.580000	49.787307	61.486777
2581	2.581000	49.725899	61.330616
2582	2.582000	49.664649	61.169681
2583	2.583000	49.603562	61.003502
2584	2.584000	49.542644	60.832175
2585	2.585000	49.481900	60.656234
2586	2.586000	49.421334	60.476545
2587	2.587000	49.360948	60.294183
2588	2.588000	49.300746	60.110316
2589	2.589000	49.240728	59.926093
2590	2.590000	49.180893	59.742520
2591	2.591000	49.121242	59.560353

2592	2.592000	49.061772	59.380015
2593	2.593000	49.002481	59.201630
2594	2.594000	48.943368	59.025080
2595	2.595000	48.884430	58.850079
2596	2.596000	48.825667	58.676233
2597	2.597000	48.767077	58.503115
2598	2.598000	48.708661	58.330324
2599	2.599000	48.650417	58.157558
2600	2.600000	48.592345	57.984677
2601	2.601000	48.534447	57.811770
2602	2.602000	48.476722	57.639190
2603	2.603000	48.419168	57.467513
2604	2.604000	48.361786	57.297464
2605	2.605000	48.304572	57.129847
2606	2.606000	48.247525	56.965464
2607	2.607000	48.190639	56.805051
2608	2.608000	48.133912	56.649195
2609	2.609000	48.077339	56.498269
2610	2.610000	48.020913	56.352352
2611	2.611000	47.964631	56.211161
2612	2.612000	47.908489	56.074012
2613	2.613000	47.852482	55.939883
2614	2.614000	47.796608	55.807507
2615	2.615000	47.740867	55.675469
2616	2.616000	47.685258	55.542303
2617	2.617000	47.629783	55.406592
2618	2.618000	47.574447	55.267059
2619	2.619000	47.519252	55.122671
2620	2.620000	47.464204	54.972731
2621	2.621000	47.409309	54.816974
2622	2.622000	47.354573	54.655625
2623	2.623000	47.300000	54.489346
2624	2.624000	47.245596	54.319148
2625	2.625000	47.191363	54.146300
2626	2.626000	47.137304	53.972236
2627	2.627000	47.083419	53.798465
2628	2.628000	47.029706	53.626480
2629	2.629000	46.976164	53.457665
2630	2.630000	46.922789	53.293206
2631	2.631000	46.869575	53.133999
2632	2.632000	46.816518	52.980589
2633	2.633000	46.763611	52.833184
2634	2.634000	46.710849	52.691702
2635	2.635000	46.658225	52.555811
2636	2.636000	46.605734	52.424977
2637	2.637000	46.553373	52.298507
2638	2.638000	46.501136	52.175593
2639	2.639000	46.449020	52.055358
2640	2.640000	46.397024	51.936903
2641	2.641000	46.345146	51.819345
2642	2.642000	46.293385	51.701861
2643	2.643000	46.241743	51.583696
2644	2.644000	46.190219	51.464183
2645	2.645000	46.138815	51.342739
2646	2.646000	46.087534	51.218886
2647	2.647000	46.036379	51.092248
2648	2.648000	45.985351	50.962569
2649	2.649000	45.934455	50.829715
2650	2.650000	45.883693	50.693686

2651	2.651000	45.833069	50.554624
2652	2.652000	45.782586	50.412813
2653	2.653000	45.732245	50.268665
2654	2.654000	45.682049	50.122698
2655	2.655000	45.632000	49.975512
2656	2.656000	45.582098	49.827770
2657	2.657000	45.532344	49.680173
2658	2.658000	45.482738	49.533439
2659	2.659000	45.433277	49.388281
2660	2.660000	45.383960	49.245383
2661	2.661000	45.334785	49.105381
2662	2.662000	45.285747	48.968840
2663	2.663000	45.236845	48.836243
2664	2.664000	45.188073	48.707978
2665	2.665000	45.139427	48.584330
2666	2.666000	45.090902	48.465467
2667	2.667000	45.042493	48.351433
2668	2.668000	44.994197	48.242133
2669	2.669000	44.946007	48.137325
2670	2.670000	44.897920	48.036609
2671	2.671000	44.849932	47.939416
2672	2.672000	44.802040	47.845010
2673	2.673000	44.754241	47.752524
2674	2.674000	44.706534	47.661012
2675	2.675000	44.658919	47.569491
2676	2.676000	44.611396	47.476998
2677	2.677000	44.563966	47.382633
2678	2.678000	44.516632	47.285610
2679	2.679000	44.469396	47.185307
2680	2.680000	44.422263	47.081316
2681	2.681000	44.375235	46.973487
2682	2.682000	44.328318	46.861957
2683	2.683000	44.281513	46.747118
2684	2.684000	44.234825	46.629563
2685	2.685000	44.188255	46.510028
2686	2.686000	44.141805	46.389340
2687	2.687000	44.095477	46.268362
2688	2.688000	44.049268	46.147936
2689	2.689000	44.003180	46.028828
2690	2.690000	43.957210	45.911674
2691	2.691000	43.911355	45.796926
2692	2.692000	43.865615	45.684815
2693	2.693000	43.819985	45.575364
2694	2.694000	43.774463	45.468419
2695	2.695000	43.729047	45.363680
2696	2.696000	43.683734	45.260735
2697	2.697000	43.638524	45.159088
2698	2.698000	43.593416	45.058192
2699	2.699000	43.548408	44.957484
2700	2.700000	43.503501	44.856412
2701	2.701000	43.458696	44.754469
2702	2.702000	43.413993	44.651218
2703	2.703000	43.369394	44.546310
2704	2.704000	43.324901	44.439488
2705	2.705000	43.280516	44.330601
2706	2.706000	43.236241	44.219609
2707	2.707000	43.192078	44.106597
2708	2.708000	43.148029	43.991779
2709	2.709000	43.104095	43.875512

2710	2.710000	43.060278	43.758302
2711	2.711000	43.016579	43.640814
2712	2.712000	42.972996	43.523865
2713	2.713000	42.929530	43.408380
2714	2.714000	42.886178	43.295332
2715	2.715000	42.842938	43.185685
2716	2.716000	42.799805	43.080327
2717	2.717000	42.756775	42.980020
2718	2.718000	42.713842	42.885332
2719	2.719000	42.671001	42.796579
2720	2.720000	42.628246	42.713768
2721	2.721000	42.585571	42.636535
2722	2.722000	42.542970	42.564121
2723	2.723000	42.500440	42.495432
2724	2.724000	42.457978	42.429126
2725	2.725000	42.415582	42.363715
2726	2.726000	42.373251	42.297649
2727	2.727000	42.330988	42.229415
2728	2.728000	42.288794	42.157629
2729	2.729000	42.246675	42.081128
2730	2.730000	42.204635	41.999064
2731	2.731000	42.162680	41.910996
2732	2.732000	42.120816	41.816946
2733	2.733000	42.079048	41.717353
2734	2.734000	42.037383	41.612997
2735	2.735000	41.995824	41.504921
2736	2.736000	41.954375	41.394345
2737	2.737000	41.913036	41.282590
2738	2.738000	41.871809	41.170998
2739	2.739000	41.830693	41.060848
2740	2.740000	41.789686	40.953280
2741	2.741000	41.748785	40.849210
2742	2.742000	41.707986	40.749282
2743	2.743000	41.667284	40.653867
2744	2.744000	41.626676	40.563093
2745	2.745000	41.586156	40.476878
2746	2.746000	41.545720	40.394956
2747	2.747000	41.505364	40.316907
2748	2.748000	41.465084	40.242191
2749	2.749000	41.424878	40.170172
2750	2.750000	41.384743	40.100153
2751	2.751000	41.344677	40.031402
2752	2.752000	41.304680	39.963181
2753	2.753000	41.264751	39.894772
2754	2.754000	41.224891	39.825496
2755	2.755000	41.185101	39.754742
2756	2.756000	41.145382	39.681983
2757	2.757000	41.105738	39.606802
2758	2.758000	41.066170	39.528912
2759	2.759000	41.026682	39.448185
2760	2.760000	40.987275	39.364667
2761	2.761000	40.947954	39.278603
2762	2.762000	40.908719	39.190445
2763	2.763000	40.869573	39.100815
2764	2.764000	40.830518	39.010453
2765	2.765000	40.791552	38.920166
2766	2.766000	40.752677	38.830780
2767	2.767000	40.713890	38.743081
2768	2.768000	40.675190	38.657772

2769	2.769000	40.636573	38.575413
2770	2.770000	40.598037	38.496376
2771	2.771000	40.559579	38.420790
2772	2.772000	40.521194	38.348514
2773	2.773000	40.482880	38.279170
2774	2.774000	40.444634	38.212191
2775	2.775000	40.406455	38.146877
2776	2.776000	40.368340	38.082448
2777	2.777000	40.330290	38.018097
2778	2.778000	40.292304	37.953046
2779	2.779000	40.254385	37.886594
2780	2.780000	40.216532	37.818177
2781	2.781000	40.178749	37.747417
2782	2.782000	40.141039	37.674157
2783	2.783000	40.103402	37.598445
2784	2.784000	40.065843	37.520507
2785	2.785000	40.028362	37.440708
2786	2.786000	39.990962	37.359523
2787	2.787000	39.953644	37.277503
2788	2.788000	39.916407	37.195239
2789	2.789000	39.879253	37.113335
2790	2.790000	39.842180	37.032368
2791	2.791000	39.805187	36.952861
2792	2.792000	39.768273	36.875253
2793	2.793000	39.731436	36.799894
2794	2.794000	39.694672	36.727043
2795	2.795000	39.657980	36.656866
2796	2.796000	39.621357	36.589439
2797	2.797000	39.584800	36.524744
2798	2.798000	39.548306	36.462668
2799	2.799000	39.511874	36.403006
2800	2.800000	39.475499	36.345458
2801	2.801000	39.439182	36.289627
2802	2.802000	39.402920	36.235029
2803	2.803000	39.366711	36.181111
2804	2.804000	39.330557	36.127277
2805	2.805000	39.294457	36.072921
2806	2.806000	39.258412	36.017449
2807	2.807000	39.222423	35.960309
2808	2.808000	39.186492	35.901018
2809	2.809000	39.150622	35.839191
2810	2.810000	39.114815	35.774566
2811	2.811000	39.079075	35.707032
2812	2.812000	39.043403	35.636647
2813	2.813000	39.007803	35.563621
2814	2.814000	38.972277	35.488295
2815	2.815000	38.936827	35.411115
2816	2.816000	38.901455	35.332606
2817	2.817000	38.866162	35.253350
2818	2.818000	38.830948	35.173957
2819	2.819000	38.795814	35.095048
2820	2.820000	38.760758	35.017219
2821	2.821000	38.725779	34.941027
2822	2.822000	38.690875	34.866962
2823	2.823000	38.656044	34.795441
2824	2.824000	38.621282	34.726796
2825	2.825000	38.586588	34.661270
2826	2.826000	38.551958	34.599010
2827	2.827000	38.517389	34.540057

2828	2.828000	38.482877	34.484342
2829	2.829000	38.448419	34.431677
2830	2.830000	38.414012	34.381748
2831	2.831000	38.379654	34.334111
2832	2.832000	38.345343	34.288189
2833	2.833000	38.311077	34.243306
2834	2.834000	38.276856	34.198720
2835	2.835000	38.242680	34.153666
2836	2.836000	38.208549	34.107388
2837	2.837000	38.174466	34.059180
2838	2.838000	38.140432	34.008426
2839	2.839000	38.106451	33.954635
2840	2.840000	38.072525	33.897476
2841	2.841000	38.038657	33.836825
2842	2.842000	38.004853	33.772776
2843	2.843000	37.971113	33.705624
2844	2.844000	37.937443	33.635830
2845	2.845000	37.903843	33.563979
2846	2.846000	37.870315	33.490747
2847	2.847000	37.836862	33.416858
2848	2.848000	37.803482	33.343051
2849	2.849000	37.770175	33.270039
2850	2.850000	37.736941	33.198473
2851	2.851000	37.703777	33.128904
2852	2.852000	37.670682	33.061755
2853	2.853000	37.637652	32.997322
2854	2.854000	37.604686	32.935782
2855	2.855000	37.571779	32.877200
2856	2.856000	37.538930	32.821544
2857	2.857000	37.506135	32.768688
2858	2.858000	37.473391	32.718425
2859	2.859000	37.440697	32.670478
2860	2.860000	37.408049	32.624504
2861	2.861000	37.375447	32.580110
2862	2.862000	37.342888	32.536858
2863	2.863000	37.310373	32.494285
2864	2.864000	37.277900	32.451921
2865	2.865000	37.245469	32.409305
2866	2.866000	37.213082	32.366001
2867	2.867000	37.180738	32.321621
2868	2.868000	37.148439	32.275838
2869	2.869000	37.116187	32.228406
2870	2.870000	37.083983	32.179178
2871	2.871000	37.051829	32.128122
2872	2.872000	37.019728	32.075331
2873	2.873000	36.987680	32.021005
2874	2.874000	36.955686	31.965430
2875	2.875000	36.923749	31.908948
2876	2.876000	36.891869	31.851937
2877	2.877000	36.860045	31.794781
2878	2.878000	36.828279	31.737850
2879	2.879000	36.796569	31.681470
2880	2.880000	36.764916	31.625902
2881	2.881000	36.733317	31.571313
2882	2.882000	36.701773	31.517766
2883	2.883000	36.670281	31.465229
2884	2.884000	36.638842	31.413595
2885	2.885000	36.607453	31.362706
2886	2.886000	36.576116	31.312374

2887	2.887000	36.544829	31.262401
2888	2.888000	36.513591	31.212604
2889	2.889000	36.482403	31.162833
2890	2.890000	36.451265	31.112996
2891	2.891000	36.420177	31.063077
2892	2.892000	36.389139	31.013150
2893	2.893000	36.358151	30.963365
2894	2.894000	36.327212	30.913922
2895	2.895000	36.296323	30.865046
2896	2.896000	36.265482	30.816966
2897	2.897000	36.234688	30.769887
2898	2.898000	36.203942	30.723968
2899	2.899000	36.173240	30.679295
2900	2.900000	36.142582	30.635859
2901	2.901000	36.111968	30.593532
2902	2.902000	36.081395	30.552054
2903	2.903000	36.050863	30.511056
2904	2.904000	36.020373	30.470101
2905	2.905000	35.989923	30.428716
2906	2.906000	35.959516	30.386430
2907	2.907000	35.929151	30.342811
2908	2.908000	35.898831	30.297506
2909	2.909000	35.868557	30.250270
2910	2.910000	35.838331	30.201013
2911	2.911000	35.808156	30.149827
2912	2.912000	35.778033	30.097011
2913	2.913000	35.747963	30.043035
2914	2.914000	35.717947	29.988501
2915	2.915000	35.687985	29.934089
2916	2.916000	35.658078	29.880513
2917	2.917000	35.628224	29.828470
2918	2.918000	35.598420	29.778595
2919	2.919000	35.568665	29.731413
2920	2.920000	35.538956	29.687290
2921	2.921000	35.509289	29.646388
2922	2.922000	35.479661	29.608635
2923	2.923000	35.450070	29.573752
2924	2.924000	35.420513	29.541298
2925	2.925000	35.390987	29.510713
2926	2.926000	35.361491	29.481364
2927	2.927000	35.332024	29.452589
2928	2.928000	35.302586	29.423746
2929	2.929000	35.273177	29.394254
2930	2.930000	35.243798	29.363639
2931	2.931000	35.214450	29.331582
2932	2.932000	35.185135	29.297939
2933	2.933000	35.155855	29.262727
2934	2.934000	35.126610	29.226082
2935	2.935000	35.097403	29.188218
2936	2.936000	35.068235	29.149394
2937	2.937000	35.039105	29.109868
2938	2.938000	35.010015	29.069863
2939	2.939000	34.980965	29.029524
2940	2.940000	34.951956	28.988883
2941	2.941000	34.922988	28.947815
2942	2.942000	34.894061	28.906025
2943	2.943000	34.865176	28.863085
2944	2.944000	34.836336	28.818486
2945	2.945000	34.807540	28.771702

2946	2.946000	34.778793	28.722245
2947	2.947000	34.750097	28.669724
2948	2.948000	34.721456	28.613902
2949	2.949000	34.692871	28.554755
2950	2.950000	34.664348	28.492531
2951	2.951000	34.635888	28.427805
2952	2.952000	34.607493	28.361504
2953	2.953000	34.579165	28.294840
2954	2.954000	34.550903	28.229216
2955	2.955000	34.522705	28.166123
2956	2.956000	34.494568	28.107044
2957	2.957000	34.466488	28.053355
2958	2.958000	34.438458	28.006223
2959	2.959000	34.410472	27.966510
2960	2.960000	34.382521	27.934672
2961	2.961000	34.354599	27.910665
2962	2.962000	34.326697	27.893887
2963	2.963000	34.298808	27.883257
2964	2.964000	34.270928	27.877317
2965	2.965000	34.243052	27.874358
2966	2.966000	34.215178	27.872531
2967	2.967000	34.187307	27.869962
2968	2.968000	34.159440	27.864873
2969	2.969000	34.131579	27.855693
2970	2.970000	34.103731	27.841177
2971	2.971000	34.075900	27.820519
2972	2.972000	34.048093	27.793422
2973	2.973000	34.020316	27.760059
2974	2.974000	33.992576	27.720982
2975	2.975000	33.964877	27.677043
2976	2.976000	33.937224	27.629300
2977	2.977000	33.909620	27.578930
2978	2.978000	33.882067	27.527148
2979	2.979000	33.854565	27.475113
2980	2.980000	33.827116	27.423845
2981	2.981000	33.799717	27.374137
2982	2.982000	33.772367	27.326499
2983	2.983000	33.745063	27.281174
2984	2.984000	33.717803	27.238187
2985	2.985000	33.690585	27.197391
2986	2.986000	33.663407	27.158512
2987	2.987000	33.636268	27.121202
2988	2.988000	33.609164	27.085081
2989	2.989000	33.582097	27.049790
2990	2.990000	33.555065	27.015031
2991	2.991000	33.528067	26.980623
2992	2.992000	33.501103	26.946522
2993	2.993000	33.474173	26.912809
2994	2.994000	33.447277	26.879654
2995	2.995000	33.420414	26.847277
2996	2.996000	33.393582	26.815911
2997	2.997000	33.366781	26.785771
2998	2.998000	33.340010	26.757013
2999	2.999000	33.313267	26.729697
3000	3.000000	33.286550	26.703756
3001	3.001000	33.259859	26.678954
3002	3.002000	33.233192	26.654872
3003	3.003000	33.206549	26.630943
3004	3.004000	33.179930	26.606496

3005	3.005000	33.153336	26.580811
3006	3.006000	33.126769	26.553171
3007	3.007000	33.100231	26.522910
3008	3.008000	33.073725	26.489466
3009	3.009000	33.047254	26.452435
3010	3.010000	33.020822	26.411614
3011	3.011000	32.994433	26.367061
3012	3.012000	32.968090	26.319115
3013	3.013000	32.941796	26.268361
3014	3.014000	32.915554	26.215572
3015	3.015000	32.889365	26.161645
3016	3.016000	32.863231	26.107543
3017	3.017000	32.837150	26.054234
3018	3.018000	32.811121	26.002626
3019	3.019000	32.785143	25.953512
3020	3.020000	32.759213	25.907504
3021	3.021000	32.733327	25.864976
3022	3.022000	32.707481	25.826029
3023	3.023000	32.681673	25.790516
3024	3.024000	32.655899	25.758098
3025	3.025000	32.630155	25.728294
3026	3.026000	32.604441	25.700539
3027	3.027000	32.578754	25.674232
3028	3.028000	32.553092	25.648794
3029	3.029000	32.527456	25.623721
3030	3.030000	32.501845	25.598635
3031	3.031000	32.476259	25.573338
3032	3.032000	32.450698	25.547842
3033	3.033000	32.425163	25.522340
3034	3.034000	32.399653	25.497156
3035	3.035000	32.374168	25.472688
3036	3.036000	32.348707	25.449361
3037	3.037000	32.323269	25.427568
3038	3.038000	32.297851	25.407626
3039	3.039000	32.272453	25.389715
3040	3.040000	32.247071	25.373832
3041	3.041000	32.221704	25.359734
3042	3.042000	32.196351	25.346917
3043	3.043000	32.171010	25.334654
3044	3.044000	32.145682	25.322065
3045	3.045000	32.120366	25.308182
3046	3.046000	32.095066	25.292018
3047	3.047000	32.069784	25.272634
3048	3.048000	32.044523	25.249211
3049	3.049000	32.019288	25.221112
3050	3.050000	31.994083	25.187956
3051	3.051000	31.968915	25.149678
3052	3.052000	31.943786	25.106574
3053	3.053000	31.918703	25.059258
3054	3.054000	31.893670	25.008600
3055	3.055000	31.868687	24.955655
3056	3.056000	31.843759	24.901599
3057	3.057000	31.818884	24.847660
3058	3.058000	31.794063	24.795050
3059	3.059000	31.769293	24.744898
3060	3.060000	31.744571	24.698187
3061	3.061000	31.719894	24.655679
3062	3.062000	31.695258	24.617876
3063	3.063000	31.670656	24.585023

3064	3.064000	31.646085	24.557130
3065	3.065000	31.621540	24.534005
3066	3.066000	31.597015	24.515271
3067	3.067000	31.572507	24.500402
3068	3.068000	31.548012	24.488741
3069	3.069000	31.523528	24.479529
3070	3.070000	31.499053	24.471933
3071	3.071000	31.474584	24.465068
3072	3.072000	31.450123	24.458030
3073	3.073000	31.425669	24.449927
3074	3.074000	31.401224	24.439913
3075	3.075000	31.376790	24.427228
3076	3.076000	31.352371	24.411232
3077	3.077000	31.327970	24.391441
3078	3.078000	31.303590	24.367562
3079	3.079000	31.279236	24.339530
3080	3.080000	31.254913	24.307546
3081	3.081000	31.230623	24.272108
3082	3.082000	31.206370	24.234019
3083	3.083000	31.182156	24.194330
3084	3.084000	31.157982	24.154247
3085	3.085000	31.133847	24.115044
3086	3.086000	31.109750	24.077973
3087	3.087000	31.085689	24.044174
3088	3.088000	31.061660	24.014588
3089	3.089000	31.037658	23.989864
3090	3.090000	31.013678	23.970273
3091	3.091000	30.989715	23.955617
3092	3.092000	30.965764	23.945192
3093	3.093000	30.941823	23.937865
3094	3.094000	30.917888	23.932201
3095	3.095000	30.893958	23.926592
3096	3.096000	30.870035	23.919382
3097	3.097000	30.846121	23.908997
3098	3.098000	30.822220	23.894073
3099	3.099000	30.798336	23.873586
3100	3.100000	30.774476	23.846974
3101	3.101000	30.750645	23.814269
3102	3.102000	30.726850	23.776157
3103	3.103000	30.703095	23.733881
3104	3.104000	30.679383	23.689082
3105	3.105000	30.655717	23.643640
3106	3.106000	30.632095	23.599510
3107	3.107000	30.608516	23.558562
3108	3.108000	30.584976	23.522418
3109	3.109000	30.561468	23.492293
3110	3.110000	30.537988	23.468831
3111	3.111000	30.514527	23.451949
3112	3.112000	30.491081	23.440755
3113	3.113000	30.467644	23.433669
3114	3.114000	30.444213	23.428621
3115	3.115000	30.420787	23.423253
3116	3.116000	30.397368	23.415116
3117	3.117000	30.373959	23.401877
3118	3.118000	30.350567	23.381515
3119	3.119000	30.327200	23.352526
3120	3.120000	30.303867	23.314120
3121	3.121000	30.280577	23.266422
3122	3.122000	30.257338	23.210571

3123	3.123000	30.234159	23.148579
3124	3.124000	30.211043	23.083093
3125	3.125000	30.187993	23.017153
3126	3.126000	30.165007	22.953950
3127	3.127000	30.142082	22.896585
3128	3.128000	30.119210	22.847826
3129	3.129000	30.096381	22.809870
3130	3.130000	30.073584	22.784097
3131	3.131000	30.050806	22.770833
3132	3.132000	30.028036	22.769226
3133	3.133000	30.005263	22.777388
3134	3.134000	29.982478	22.792657
3135	3.135000	29.959676	22.811852
3136	3.136000	29.936854	22.831536
3137	3.137000	29.914014	22.848279
3138	3.138000	29.891161	22.858915
3139	3.139000	29.868301	22.860804
3140	3.140000	29.845444	22.852094
3141	3.141000	29.822602	22.831973
3142	3.142000	29.799786	22.800818
3143	3.143000	29.777005	22.760060
3144	3.144000	29.754269	22.711928
3145	3.145000	29.731584	22.659207
3146	3.146000	29.708952	22.604978
3147	3.147000	29.686373	22.552372
3148	3.148000	29.663845	22.504312
3149	3.149000	29.641361	22.463267
3150	3.150000	29.618914	22.430996
3151	3.151000	29.596494	22.408301
3152	3.152000	29.574093	22.394884
3153	3.153000	29.551700	22.389471
3154	3.154000	29.529311	22.390040
3155	3.155000	29.506919	22.394051
3156	3.156000	29.484522	22.398680
3157	3.157000	29.462122	22.401048
3158	3.158000	29.439723	22.398458
3159	3.159000	29.417329	22.388622
3160	3.160000	29.394950	22.369895
3161	3.161000	29.372594	22.341503
3162	3.162000	29.350272	22.303678
3163	3.163000	29.327991	22.257554
3164	3.164000	29.305760	22.204976
3165	3.165000	29.283583	22.148294
3166	3.166000	29.261464	22.090167
3167	3.167000	29.239402	22.033366
3168	3.168000	29.217395	21.980568
3169	3.169000	29.195438	21.934164
3170	3.170000	29.173523	21.896057
3171	3.171000	29.151641	21.867461
3172	3.172000	29.129783	21.848783
3173	3.173000	29.107939	21.839681
3174	3.174000	29.086099	21.839190
3175	3.175000	29.064257	21.845863
3176	3.176000	29.042405	21.857899
3177	3.177000	29.020539	21.873279
3178	3.178000	28.998657	21.889904
3179	3.179000	28.976760	21.905720
3180	3.180000	28.954847	21.918859
3181	3.181000	28.932924	21.927770

3182	3.182000	28.910995	21.931311
3183	3.183000	28.889064	21.928744
3184	3.184000	28.867140	21.919695
3185	3.185000	28.845228	21.904103
3186	3.186000	28.823335	21.882180
3187	3.187000	28.801467	21.854365
3188	3.188000	28.779629	21.821276
3189	3.189000	28.757827	21.783669
3190	3.190000	28.736064	21.742390
3191	3.191000	28.714343	21.698332
3192	3.192000	28.692668	21.652396
3193	3.193000	28.671039	21.605471
3194	3.194000	28.649457	21.558418
3195	3.195000	28.627922	21.512063
3196	3.196000	28.606432	21.467175
3197	3.197000	28.584986	21.424459
3198	3.198000	28.563582	21.384541
3199	3.199000	28.542216	21.347950
3200	3.200000	28.520884	21.315114
3201	3.201000	28.499583	21.286337
3202	3.202000	28.478309	21.261796
3203	3.203000	28.457058	21.241543
3204	3.204000	28.435824	21.225511
3205	3.205000	28.414605	21.213523
3206	3.206000	28.393395	21.205301
3207	3.207000	28.372192	21.200469
3208	3.208000	28.350993	21.198567
3209	3.209000	28.329794	21.199055
3210	3.210000	28.308594	21.201321
3211	3.211000	28.287391	21.204688
3212	3.212000	28.266184	21.208431
3213	3.213000	28.244974	21.211798
3214	3.214000	28.223761	21.214042
3215	3.215000	28.202547	21.214451
3216	3.216000	28.181333	21.212381
3217	3.217000	28.160124	21.207281
3218	3.218000	28.138921	21.198729
3219	3.219000	28.117728	21.186463
3220	3.220000	28.096550	21.170404
3221	3.221000	28.075389	21.150694
3222	3.222000	28.054250	21.127705
3223	3.223000	28.033135	21.102001
3224	3.224000	28.012047	21.074289
3225	3.225000	27.990987	21.045363
3226	3.226000	27.969956	21.016053
3227	3.227000	27.948955	20.987165
3228	3.228000	27.927981	20.959435
3229	3.229000	27.907035	20.933470
3230	3.230000	27.886113	20.909696
3231	3.231000	27.865214	20.888304
3232	3.232000	27.844336	20.869223
3233	3.233000	27.823475	20.852148
3234	3.234000	27.802631	20.836597
3235	3.235000	27.781801	20.821964
3236	3.236000	27.760987	20.807575
3237	3.237000	27.740186	20.792742
3238	3.238000	27.719402	20.776821
3239	3.239000	27.698634	20.759265
3240	3.240000	27.677884	20.739679

3241	3.241000	27.657155	20.717875
3242	3.242000	27.636449	20.693905
3243	3.243000	27.615768	20.668035
3244	3.244000	27.595114	20.640701
3245	3.245000	27.574487	20.612462
3246	3.246000	27.553889	20.583951
3247	3.247000	27.533319	20.555830
3248	3.248000	27.512777	20.528743
3249	3.249000	27.492261	20.503270
3250	3.250000	27.471770	20.479875
3251	3.251000	27.451300	20.458870
3252	3.252000	27.430851	20.440373
3253	3.253000	27.410418	20.424329
3254	3.254000	27.390001	20.410530
3255	3.255000	27.369596	20.398648
3256	3.256000	27.349203	20.388261
3257	3.257000	27.328819	20.378878
3258	3.258000	27.308445	20.369972
3259	3.259000	27.288079	20.361005
3260	3.260000	27.267723	20.351456
3261	3.261000	27.247377	20.340849
3262	3.262000	27.227042	20.328773
3263	3.263000	27.206720	20.314894
3264	3.264000	27.186413	20.298950
3265	3.265000	27.166123	20.280755
3266	3.266000	27.145853	20.260201
3267	3.267000	27.125604	20.237257
3268	3.268000	27.105380	20.211968
3269	3.269000	27.085181	20.184462
3270	3.270000	27.065012	20.154944
3271	3.271000	27.044872	20.123702
3272	3.272000	27.024765	20.091101
3273	3.273000	27.004691	20.057571
3274	3.274000	26.984650	20.023591
3275	3.275000	26.964643	19.989670
3276	3.276000	26.944670	19.956332
3277	3.277000	26.924730	19.924099
3278	3.278000	26.904821	19.893473
3279	3.279000	26.884942	19.864920
3280	3.280000	26.865090	19.838854
3281	3.281000	26.845263	19.815617
3282	3.282000	26.825458	19.795469
3283	3.283000	26.805671	19.778572
3284	3.284000	26.785899	19.764987
3285	3.285000	26.766139	19.754664
3286	3.286000	26.746388	19.747433
3287	3.287000	26.726643	19.742998
3288	3.288000	26.706901	19.740926
3289	3.289000	26.687160	19.740642
3290	3.290000	26.667419	19.741419
3291	3.291000	26.647677	19.742371
3292	3.292000	26.627935	19.742466
3293	3.293000	26.608193	19.740575
3294	3.294000	26.588455	19.735557
3295	3.295000	26.568724	19.726324
3296	3.296000	26.549005	19.711923
3297	3.297000	26.529303	19.691604
3298	3.298000	26.509625	19.664902
3299	3.299000	26.489977	19.631708

3300	3.300000	26.470365	19.592344
3301	3.301000	26.450795	19.547635
3302	3.302000	26.431271	19.498938
3303	3.303000	26.411798	19.448043
3304	3.304000	26.392375	19.397030
3305	3.305000	26.373003	19.348120
3306	3.306000	26.353677	19.303537
3307	3.307000	26.334392	19.265356
3308	3.308000	26.315142	19.235357
3309	3.309000	26.295917	19.214885
3310	3.310000	26.276707	19.204699
3311	3.311000	26.257502	19.204832
3312	3.312000	26.238293	19.214513
3313	3.313000	26.219069	19.232270
3314	3.314000	26.199825	19.256095
3315	3.315000	26.180555	19.283614
3316	3.316000	26.161257	19.312256
3317	3.317000	26.141932	19.339423
3318	3.318000	26.122580	19.362660
3319	3.319000	26.103209	19.379825
3320	3.320000	26.083825	19.389258
3321	3.321000	26.064435	19.389949
3322	3.322000	26.045049	19.381637
3323	3.323000	26.025676	19.364755
3324	3.324000	26.006324	19.340294
3325	3.325000	25.986999	19.309683
3326	3.326000	25.967706	19.274651
3327	3.327000	25.948451	19.237105
3328	3.328000	25.929232	19.198994
3329	3.329000	25.910052	19.162185
3330	3.330000	25.890907	19.128333
3331	3.331000	25.871793	19.098749
3332	3.332000	25.852707	19.074315
3333	3.333000	25.833642	19.055490
3334	3.334000	25.814593	19.042355
3335	3.335000	25.795554	19.034660
3336	3.336000	25.776521	19.031873
3337	3.337000	25.757488	19.033227
3338	3.338000	25.738453	19.037764
3339	3.339000	25.719412	19.044388
3340	3.340000	25.700364	19.051906
3341	3.341000	25.681308	19.059079
3342	3.342000	25.662246	19.064669
3343	3.343000	25.643180	19.067483
3344	3.344000	25.624113	19.066421
3345	3.345000	25.605050	19.060521
3346	3.346000	25.585995	19.049005
3347	3.347000	25.566955	19.031328
3348	3.348000	25.547936	19.007218
3349	3.349000	25.528944	18.976728
3350	3.350000	25.509985	18.940278
3351	3.351000	25.491066	18.898704
3352	3.352000	25.472190	18.853259
3353	3.353000	25.453360	18.805537
3354	3.354000	25.434579	18.757348
3355	3.355000	25.415845	18.710598
3356	3.356000	25.397156	18.667166
3357	3.357000	25.378508	18.628783
3358	3.358000	25.359895	18.596912

3359	3.359000	25.341310	18.572622
3360	3.360000	25.322746	18.556472
3361	3.361000	25.304193	18.548388
3362	3.362000	25.285645	18.547605
3363	3.363000	25.267095	18.552764
3364	3.364000	25.248538	18.562075
3365	3.365000	25.229970	18.573470
3366	3.366000	25.211391	18.584771
3367	3.367000	25.192802	18.593846
3368	3.368000	25.174205	18.598772
3369	3.369000	25.155607	18.597997
3370	3.370000	25.137013	18.590496
3371	3.371000	25.118429	18.575934
3372	3.372000	25.099864	18.554749
3373	3.373000	25.081323	18.528057
3374	3.374000	25.062810	18.497480
3375	3.375000	25.044329	18.464979
3376	3.376000	25.025880	18.432676
3377	3.377000	25.007462	18.402689
3378	3.378000	24.989072	18.376957
3379	3.379000	24.970705	18.357066
3380	3.380000	24.952355	18.344081
3381	3.381000	24.934014	18.338378
3382	3.382000	24.915675	18.339546
3383	3.383000	24.897332	18.346487
3384	3.384000	24.878980	18.357585
3385	3.385000	24.860615	18.370885
3386	3.386000	24.842238	18.384261
3387	3.387000	24.823848	18.395596
3388	3.388000	24.805449	18.402955
3389	3.389000	24.787045	18.404758
3390	3.390000	24.768642	18.399953
3391	3.391000	24.750248	18.388195
3392	3.392000	24.731869	18.369930
3393	3.393000	24.713511	18.346298
3394	3.394000	24.695178	18.318953
3395	3.395000	24.676874	18.289876
3396	3.396000	24.658599	18.261194
3397	3.397000	24.640350	18.234998
3398	3.398000	24.622126	18.213156
3399	3.399000	24.603921	18.197133
3400	3.400000	24.585729	18.187805
3401	3.401000	24.567542	18.185282
3402	3.402000	24.549355	18.188809
3403	3.403000	24.531162	18.196880
3404	3.404000	24.512960	18.207440
3405	3.405000	24.494747	18.218081
3406	3.406000	24.476525	18.226248
3407	3.407000	24.458297	18.229439
3408	3.408000	24.440070	18.225403
3409	3.409000	24.421851	18.212346
3410	3.410000	24.403650	18.189129
3411	3.411000	24.385478	18.155467
3412	3.412000	24.367344	18.112041
3413	3.413000	24.349258	18.060383
3414	3.414000	24.331227	18.002678
3415	3.415000	24.313254	17.941563
3416	3.416000	24.295344	17.879921
3417	3.417000	24.277493	17.820684

3418	3.418000	24.259700	17.766624
3419	3.419000	24.241956	17.720153
3420	3.420000	24.224255	17.683124
3421	3.421000	24.206585	17.656626
3422	3.422000	24.188936	17.640864
3423	3.423000	24.171298	17.635236
3424	3.424000	24.153661	17.638486
3425	3.425000	24.136017	17.648859
3426	3.426000	24.118361	17.664259
3427	3.427000	24.100688	17.682404
3428	3.428000	24.082996	17.700981
3429	3.429000	24.065287	17.717807
3430	3.430000	24.047562	17.730981
3431	3.431000	24.029827	17.739039
3432	3.432000	24.012087	17.741060
3433	3.433000	23.994348	17.736641
3434	3.434000	23.976617	17.725827
3435	3.435000	23.958900	17.709031
3436	3.436000	23.941202	17.686964
3437	3.437000	23.923528	17.660558
3438	3.438000	23.905882	17.630889
3439	3.439000	23.888267	17.599108
3440	3.440000	23.870684	17.566357
3441	3.441000	23.853134	17.533706
3442	3.442000	23.835616	17.502084
3443	3.443000	23.818129	17.472275
3444	3.444000	23.800671	17.444916
3445	3.445000	23.783238	17.420506
3446	3.446000	23.765828	17.399404
3447	3.447000	23.748437	17.381842
3448	3.448000	23.731062	17.367919
3449	3.449000	23.713700	17.357616
3450	3.450000	23.696345	17.350792
3451	3.451000	23.678996	17.347193
3452	3.452000	23.661650	17.346459
3453	3.453000	23.644302	17.348138
3454	3.454000	23.626952	17.351708
3455	3.455000	23.609598	17.356594
3456	3.456000	23.592239	17.362186
3457	3.457000	23.574874	17.367864
3458	3.458000	23.557503	17.373011
3459	3.459000	23.540128	17.377035
3460	3.460000	23.522750	17.379387
3461	3.461000	23.505371	17.379581
3462	3.462000	23.487992	17.377211
3463	3.463000	23.470618	17.371951
3464	3.464000	23.453250	17.363562
3465	3.465000	23.435892	17.351886
3466	3.466000	23.418548	17.336854
3467	3.467000	23.401220	17.318483
3468	3.468000	23.383913	17.296876
3469	3.469000	23.366628	17.272227
3470	3.470000	23.349369	17.244817
3471	3.471000	23.332140	17.215018
3472	3.472000	23.314940	17.183287
3473	3.473000	23.297774	17.150148
3474	3.474000	23.280641	17.116165
3475	3.475000	23.263541	17.081921
3476	3.476000	23.246477	17.047990

3477	3.477000	23.229445	17.014914
3478	3.478000	23.212446	16.983178
3479	3.479000	23.195478	16.953185
3480	3.480000	23.178539	16.925232
3481	3.481000	23.161626	16.899485
3482	3.482000	23.144739	16.875968
3483	3.483000	23.127873	16.854580
3484	3.484000	23.111028	16.835127
3485	3.485000	23.094202	16.817353
3486	3.486000	23.077393	16.800969
3487	3.487000	23.060600	16.785690
3488	3.488000	23.043821	16.771259
3489	3.489000	23.027057	16.757482
3490	3.490000	23.010306	16.744260
3491	3.491000	22.993568	16.731616
3492	3.492000	22.976842	16.719716
3493	3.493000	22.960128	16.708841
3494	3.494000	22.943424	16.699358
3495	3.495000	22.926728	16.691676
3496	3.496000	22.910040	16.686214
3497	3.497000	22.893355	16.683361
3498	3.498000	22.876671	16.683442
3499	3.499000	22.859986	16.686679
3500	3.500000	22.843296	16.693154
3501	3.501000	22.826598	16.702774
3502	3.502000	22.809889	16.715250
3503	3.503000	22.793167	16.730111
3504	3.504000	22.776428	16.746739
3505	3.505000	22.759673	16.764402
3506	3.506000	22.742899	16.782286
3507	3.507000	22.726108	16.799526
3508	3.508000	22.709301	16.815239
3509	3.509000	22.692479	16.828562
3510	3.510000	22.675646	16.838677
3511	3.511000	22.658804	16.844848
3512	3.512000	22.641958	16.846448
3513	3.513000	22.625113	16.842976
3514	3.514000	22.608275	16.834069
3515	3.515000	22.591448	16.819511
3516	3.516000	22.574639	16.799251
3517	3.517000	22.557852	16.773408
3518	3.518000	22.541095	16.742285
3519	3.519000	22.524370	16.706384
3520	3.520000	22.507684	16.666415
3521	3.521000	22.491039	16.623305
3522	3.522000	22.474438	16.578195
3523	3.523000	22.457883	16.532381
3524	3.524000	22.441373	16.487244
3525	3.525000	22.424907	16.444170
3526	3.526000	22.408483	16.404482
3527	3.527000	22.392096	16.369359
3528	3.528000	22.375742	16.339767
3529	3.529000	22.359414	16.316381
3530	3.530000	22.343106	16.299512
3531	3.531000	22.326811	16.289032
3532	3.532000	22.310525	16.284343
3533	3.533000	22.294240	16.284443
3534	3.534000	22.277954	16.288027
3535	3.535000	22.261663	16.293597

3536	3.536000	22.245367	16.299570
3537	3.537000	22.229065	16.304380
3538	3.538000	22.212759	16.306588
3539	3.539000	22.196453	16.304989
3540	3.540000	22.180152	16.298715
3541	3.541000	22.163858	16.287343
3542	3.542000	22.147579	16.270956
3543	3.543000	22.131319	16.250083
3544	3.544000	22.115081	16.225606
3545	3.545000	22.098869	16.198653
3546	3.546000	22.082684	16.170502
3547	3.547000	22.066528	16.142476
3548	3.548000	22.050399	16.115842
3549	3.549000	22.034295	16.091713
3550	3.550000	22.018214	16.070944
3551	3.551000	22.002151	16.054032
3552	3.552000	21.986103	16.041058
3553	3.553000	21.970067	16.031724
3554	3.554000	21.954039	16.025436
3555	3.555000	21.938015	16.021383
3556	3.556000	21.921995	16.018617
3557	3.557000	21.905978	16.016138
3558	3.558000	21.889963	16.012970
3559	3.559000	21.873953	16.008245
3560	3.560000	21.857948	16.001284
3561	3.561000	21.841951	15.991675
3562	3.562000	21.825966	15.979325
3563	3.563000	21.809994	15.964431
3564	3.564000	21.794038	15.947425
3565	3.565000	21.778100	15.928913
3566	3.566000	21.762181	15.909619
3567	3.567000	21.746281	15.890326
3568	3.568000	21.730400	15.871819
3569	3.569000	21.714536	15.854822
3570	3.570000	21.698689	15.839947
3571	3.571000	21.682855	15.827630
3572	3.572000	21.667032	15.818097
3573	3.573000	21.651217	15.811377
3574	3.574000	21.635408	15.807328
3575	3.575000	21.619602	15.805679
3576	3.576000	21.603796	15.806054
3577	3.577000	21.587989	15.808011
3578	3.578000	21.572179	15.811070
3579	3.579000	21.556366	15.814751
3580	3.580000	21.540550	15.818602
3581	3.581000	21.524729	15.822233
3582	3.582000	21.508905	15.825340
3583	3.583000	21.493079	15.827695
3584	3.584000	21.477250	15.829134
3585	3.585000	21.461421	15.829539
3586	3.586000	21.445592	15.828820
3587	3.587000	21.429764	15.826902
3588	3.588000	21.413939	15.823704
3589	3.589000	21.398117	15.819126
3590	3.590000	21.382301	15.813031
3591	3.591000	21.366492	15.805230
3592	3.592000	21.350692	15.795475
3593	3.593000	21.334902	15.783481
3594	3.594000	21.319126	15.768959

3595	3.595000	21.303366	15.751650
3596	3.596000	21.287624	15.731354
3597	3.597000	21.271905	15.707966
3598	3.598000	21.256210	15.681507
3599	3.599000	21.240543	15.652158
3600	3.600000	21.224907	15.620291
3601	3.601000	21.209303	15.586502
3602	3.602000	21.193734	15.551620
3603	3.603000	21.178200	15.516656
3604	3.604000	21.162701	15.482727
3605	3.605000	21.147234	15.450985
3606	3.606000	21.131797	15.422541
3607	3.607000	21.116386	15.398387
3608	3.608000	21.100998	15.379329
3609	3.609000	21.085625	15.365902
3610	3.610000	21.070263	15.358306
3611	3.611000	21.054906	15.356323
3612	3.612000	21.039548	15.359292
3613	3.613000	21.024185	15.366169
3614	3.614000	21.008814	15.375635
3615	3.615000	20.993433	15.386205
3616	3.616000	20.978042	15.396331
3617	3.617000	20.962641	15.404516
3618	3.618000	20.947235	15.409414
3619	3.619000	20.931825	15.409940
3620	3.620000	20.916417	15.405381
3621	3.621000	20.901017	15.395496
3622	3.622000	20.885629	15.380576
3623	3.623000	20.870258	15.361379
3624	3.624000	20.854908	15.339020
3625	3.625000	20.839581	15.314855
3626	3.626000	20.824278	15.290367
3627	3.627000	20.808999	15.267054
3628	3.628000	20.793743	15.246314
3629	3.629000	20.778505	15.229332
3630	3.630000	20.763282	15.216963
3631	3.631000	20.748068	15.209625
3632	3.632000	20.732860	15.207229
3633	3.633000	20.717652	15.209228
3634	3.634000	20.702440	15.214712
3635	3.635000	20.687221	15.222504
3636	3.636000	20.671994	15.231255
3637	3.637000	20.656759	15.239541
3638	3.638000	20.641516	15.245958
3639	3.639000	20.626268	15.249218
3640	3.640000	20.611020	15.248246
3641	3.641000	20.595774	15.242272
3642	3.642000	20.580538	15.230898
3643	3.643000	20.565315	15.214081
3644	3.644000	20.550112	15.192083
3645	3.645000	20.534934	15.165424
3646	3.646000	20.519783	15.134838
3647	3.647000	20.504665	15.101216
3648	3.648000	20.489582	15.065566
3649	3.649000	20.474535	15.028958
3650	3.650000	20.459524	14.992480
3651	3.651000	20.444549	14.957188
3652	3.652000	20.429609	14.924064
3653	3.653000	20.414700	14.893989

3654	3.654000	20.399819	14.867725
3655	3.655000	20.384962	14.845893
3656	3.656000	20.370124	14.828953
3657	3.657000	20.355301	14.817186
3658	3.658000	20.340487	14.810670
3659	3.659000	20.325678	14.809266
3660	3.660000	20.310867	14.812594
3661	3.661000	20.296050	14.820013
3662	3.662000	20.281225	14.830625
3663	3.663000	20.266388	14.843329
3664	3.664000	20.251538	14.856899
3665	3.665000	20.236674	14.870053
3666	3.666000	20.221799	14.881540
3667	3.667000	20.206913	14.890207
3668	3.668000	20.192020	14.895081
3669	3.669000	20.177125	14.895441
3670	3.670000	20.162232	14.890900
3671	3.671000	20.147345	14.881475
3672	3.672000	20.132471	14.867624
3673	3.673000	20.117612	14.850185
3674	3.674000	20.102772	14.830268
3675	3.675000	20.087952	14.809153
3676	3.676000	20.073153	14.788187
3677	3.677000	20.058375	14.768677
3678	3.678000	20.043615	14.751786
3679	3.679000	20.028870	14.738430
3680	3.680000	20.014136	14.729172
3681	3.681000	19.999409	14.724120
3682	3.682000	19.984686	14.722870
3683	3.683000	19.969962	14.724584
3684	3.684000	19.955236	14.728102
3685	3.685000	19.940506	14.732063
3686	3.686000	19.925772	14.735030
3687	3.687000	19.911037	14.735609
3688	3.688000	19.896303	14.732568
3689	3.689000	19.881574	14.724961
3690	3.690000	19.866855	14.712244
3691	3.691000	19.852152	14.694402
3692	3.692000	19.837469	14.672001
3693	3.693000	19.822810	14.646113
3694	3.694000	19.808177	14.618176
3695	3.695000	19.793573	14.589853
3696	3.696000	19.778997	14.562893
3697	3.697000	19.764446	14.538988
3698	3.698000	19.749917	14.519634
3699	3.699000	19.735404	14.505992
3700	3.700000	19.720902	14.498746
3701	3.701000	19.706403	14.497963
3702	3.702000	19.691903	14.503026
3703	3.703000	19.677395	14.512719
3704	3.704000	19.662876	14.525391
3705	3.705000	19.648344	14.539113
3706	3.706000	19.633798	14.551837
3707	3.707000	19.619241	14.561556
3708	3.708000	19.604677	14.566469
3709	3.709000	19.590112	14.565132
3710	3.710000	19.575551	14.556625
3711	3.711000	19.561002	14.540708
3712	3.712000	19.546473	14.517902

3713	3.713000	19.531969	14.489395
3714	3.714000	19.517496	14.456867
3715	3.715000	19.503056	14.422319
3716	3.716000	19.488651	14.387896
3717	3.717000	19.474280	14.355719
3718	3.718000	19.459938	14.327704
3719	3.719000	19.445621	14.305392
3720	3.720000	19.431324	14.289775
3721	3.721000	19.417038	14.281125
3722	3.722000	19.402758	14.278902
3723	3.723000	19.388478	14.281863
3724	3.724000	19.374193	14.288251
3725	3.725000	19.359901	14.295987
3726	3.726000	19.345601	14.302856
3727	3.727000	19.331296	14.306707
3728	3.728000	19.316990	14.305635
3729	3.729000	19.302688	14.298181
3730	3.730000	19.288398	14.283514
3731	3.731000	19.274125	14.261628
3732	3.732000	19.259877	14.233432
3733	3.733000	19.245660	14.200627
3734	3.734000	19.231477	14.165486
3735	3.735000	19.217329	14.130629
3736	3.736000	19.203215	14.098806
3737	3.737000	19.189129	14.072672
3738	3.738000	19.175065	14.054566
3739	3.739000	19.161015	14.046291
3740	3.740000	19.146967	14.048889
3741	3.741000	19.132912	14.062425
3742	3.742000	19.118837	14.085872
3743	3.743000	19.104736	14.117247
3744	3.744000	19.090600	14.153858
3745	3.745000	19.076427	14.192550
3746	3.746000	19.062216	14.229945
3747	3.747000	19.047969	14.262694
3748	3.748000	19.033694	14.287723
3749	3.749000	19.019399	14.302473
3750	3.750000	19.005095	14.305152
3751	3.751000	18.990795	14.294974
3752	3.752000	18.976512	14.272299
3753	3.753000	18.962256	14.238509
3754	3.754000	18.948039	14.195784
3755	3.755000	18.933868	14.146870
3756	3.756000	18.919747	14.094848
3757	3.757000	18.905678	14.042910
3758	3.758000	18.891660	13.994123
3759	3.759000	18.877687	13.951202
3760	3.760000	18.863753	13.916279
3761	3.761000	18.849850	13.890677
3762	3.762000	18.835967	13.874773
3763	3.763000	18.822096	13.868079
3764	3.764000	18.808227	13.869414
3765	3.765000	18.794354	13.877080
3766	3.766000	18.780470	13.889036
3767	3.767000	18.766574	13.903072
3768	3.768000	18.752664	13.916984
3769	3.769000	18.738742	13.928750
3770	3.770000	18.724809	13.936702
3771	3.771000	18.710871	13.939701

3772	3.772000	18.696932	13.937245
3773	3.773000	18.682999	13.929412
3774	3.774000	18.669076	13.916747
3775	3.775000	18.655167	13.900141
3776	3.776000	18.641277	13.880711
3777	3.777000	18.627407	13.859679
3778	3.778000	18.613558	13.838255
3779	3.779000	18.599730	13.817515
3780	3.780000	18.585922	13.798281
3781	3.781000	18.572132	13.781008
3782	3.782000	18.558359	13.765707
3783	3.783000	18.544600	13.752007
3784	3.784000	18.530854	13.739259
3785	3.785000	18.517121	13.726636
3786	3.786000	18.503402	13.713249
3787	3.787000	18.489696	13.698243
3788	3.788000	18.476006	13.680912
3789	3.789000	18.462335	13.660798
3790	3.790000	18.448686	13.637803
3791	3.791000	18.435061	13.612290
3792	3.792000	18.421462	13.585134
3793	3.793000	18.407891	13.557634
3794	3.794000	18.394346	13.531375
3795	3.795000	18.380827	13.508083
3796	3.796000	18.367328	13.489484
3797	3.797000	18.353845	13.477160
3798	3.798000	18.340370	13.472407
3799	3.799000	18.326896	13.476095
3800	3.800000	18.313413	13.488519
3801	3.801000	18.299914	13.509265
3802	3.802000	18.286391	13.537140
3803	3.803000	18.272837	13.570282
3804	3.804000	18.259249	13.606345
3805	3.805000	18.245625	13.642688
3806	3.806000	18.231965	13.676556
3807	3.807000	18.218274	13.705269
3808	3.808000	18.204558	13.726410
3809	3.809000	18.190826	13.738007
3810	3.810000	18.177088	13.738722
3811	3.811000	18.163354	13.728033
3812	3.812000	18.149637	13.706340
3813	3.813000	18.135946	13.674860
3814	3.814000	18.122291	13.635448
3815	3.815000	18.108678	13.590418
3816	3.816000	18.095112	13.542354
3817	3.817000	18.081594	13.493930
3818	3.818000	18.068123	13.447725
3819	3.819000	18.054696	13.406042
3820	3.820000	18.041308	13.370722
3821	3.821000	18.027951	13.342964
3822	3.822000	18.014618	13.323216
3823	3.823000	18.001301	13.311230
3824	3.824000	17.987992	13.306198
3825	3.825000	17.974685	13.306877
3826	3.826000	17.961376	13.311729
3827	3.827000	17.948061	13.319047
3828	3.828000	17.934738	13.327089
3829	3.829000	17.921407	13.334209
3830	3.830000	17.908070	13.338992

3831	3.831000	17.894731	13.340382
3832	3.832000	17.881392	13.337768
3833	3.833000	17.868057	13.330968
3834	3.834000	17.854732	13.320164
3835	3.835000	17.841419	13.305836
3836	3.836000	17.828121	13.288699
3837	3.837000	17.814842	13.269639
3838	3.838000	17.801583	13.249648
3839	3.839000	17.788343	13.229759
3840	3.840000	17.775122	13.210981
3841	3.841000	17.761920	13.194235
3842	3.842000	17.748733	13.180306
3843	3.843000	17.735558	13.169816
3844	3.844000	17.722391	13.163221
3845	3.845000	17.709229	13.160800
3846	3.846000	17.696067	13.162649
3847	3.847000	17.682902	13.168674
3848	3.848000	17.669728	13.178580
3849	3.849000	17.656543	13.191867
3850	3.850000	17.643343	13.207817
3851	3.851000	17.630126	13.225494
3852	3.852000	17.616892	13.243751
3853	3.853000	17.603639	13.261294
3854	3.854000	17.590370	13.276764
3855	3.855000	17.577087	13.288820
3856	3.856000	17.563795	13.296218
3857	3.857000	17.550498	13.297899
3858	3.858000	17.537202	13.293068
3859	3.859000	17.523915	13.281275
3860	3.860000	17.510643	13.262502
3861	3.861000	17.497393	13.237241
3862	3.862000	17.484171	13.206525
3863	3.863000	17.470982	13.171844
3864	3.864000	17.457829	13.135012
3865	3.865000	17.444712	13.098023
3866	3.866000	17.431632	13.062923
3867	3.867000	17.418585	13.031667
3868	3.868000	17.405566	13.005985
3869	3.869000	17.392569	12.987248
3870	3.870000	17.379587	12.976325
3871	3.871000	17.366612	12.973456
3872	3.872000	17.353637	12.978171
3873	3.873000	17.340653	12.989375
3874	3.874000	17.327655	13.005481
3875	3.875000	17.314640	13.024553
3876	3.876000	17.301606	13.044448
3877	3.877000	17.288552	13.062953
3878	3.878000	17.275482	13.077929
3879	3.879000	17.262399	13.087450
3880	3.880000	17.249310	13.089945
3881	3.881000	17.236223	13.084335
3882	3.882000	17.223146	13.070126
3883	3.883000	17.210087	13.047385
3884	3.884000	17.197055	13.016665
3885	3.885000	17.184057	12.978932
3886	3.886000	17.171100	12.935489
3887	3.887000	17.158188	12.887905
3888	3.888000	17.145326	12.837938
3889	3.889000	17.132513	12.787463

3890	3.890000	17.119750	12.738396
3891	3.891000	17.107034	12.692620
3892	3.892000	17.094362	12.651916
3893	3.893000	17.081727	12.617901
3894	3.894000	17.069122	12.591972
3895	3.895000	17.056539	12.575251
3896	3.896000	17.043967	12.568527
3897	3.897000	17.031396	12.572198
3898	3.898000	17.018817	12.586217
3899	3.899000	17.006219	12.610035
3900	3.900000	16.993593	12.642544
3901	3.901000	16.980931	12.682023
3902	3.902000	16.968226	12.726137
3903	3.903000	16.955477	12.772084
3904	3.904000	16.942683	12.816787
3905	3.905000	16.929846	12.857097
3906	3.906000	16.916972	12.889992
3907	3.907000	16.904071	12.912777
3908	3.908000	16.891153	12.923281
3909	3.909000	16.878231	12.920061
3910	3.910000	16.865320	12.902598
3911	3.911000	16.852433	12.871493
3912	3.912000	16.839583	12.828558
3913	3.913000	16.826780	12.776627
3914	3.914000	16.814032	12.719272
3915	3.915000	16.801343	12.660498
3916	3.916000	16.788710	12.604455
3917	3.917000	16.776130	12.555141
3918	3.918000	16.763595	12.516105
3919	3.919000	16.751092	12.490151
3920	3.920000	16.738607	12.479048
3921	3.921000	16.726126	12.483231
3922	3.922000	16.713633	12.501652
3923	3.923000	16.701117	12.531958
3924	3.924000	16.688565	12.570810
3925	3.925000	16.675973	12.614201
3926	3.926000	16.663337	12.657776
3927	3.927000	16.650659	12.697156
3928	3.928000	16.637946	12.728259
3929	3.929000	16.625209	12.747615
3930	3.930000	16.612458	12.752695
3931	3.931000	16.599711	12.742219
3932	3.932000	16.586982	12.716351
3933	3.933000	16.574285	12.676547
3934	3.934000	16.561634	12.625293
3935	3.935000	16.549039	12.565821
3936	3.936000	16.536505	12.501841
3937	3.937000	16.524035	12.437256
3938	3.938000	16.511629	12.375895
3939	3.939000	16.499280	12.321228
3940	3.940000	16.486982	12.276096
3941	3.941000	16.474722	12.242437
3942	3.942000	16.462490	12.221111
3943	3.943000	16.450274	12.211976
3944	3.944000	16.438061	12.214065
3945	3.945000	16.425841	12.225760
3946	3.946000	16.413606	12.244971
3947	3.947000	16.401349	12.269315
3948	3.948000	16.389066	12.296295

3949	3.949000	16.376756	12.323474
3950	3.950000	16.364420	12.348656
3951	3.951000	16.352060	12.370063
3952	3.952000	16.339682	12.386451
3953	3.953000	16.327290	12.397102
3954	3.954000	16.314891	12.401750
3955	3.955000	16.302490	12.400511
3956	3.956000	16.290093	12.393811
3957	3.957000	16.277705	12.382316
3958	3.958000	16.265330	12.366861
3959	3.959000	16.252972	12.348375
3960	3.960000	16.240634	12.327814
3961	3.961000	16.228317	12.306090
3962	3.962000	16.216022	12.284011
3963	3.963000	16.203749	12.262272
3964	3.964000	16.191497	12.241450
3965	3.965000	16.179266	12.222007
3966	3.966000	16.167052	12.204291
3967	3.967000	16.154856	12.188535
3968	3.968000	16.142674	12.174857
3969	3.969000	16.130505	12.163263
3970	3.970000	16.118347	12.153647
3971	3.971000	16.106197	12.145790
3972	3.972000	16.094054	12.139368
3973	3.973000	16.081918	12.133979
3974	3.974000	16.069786	12.129166
3975	3.975000	16.057659	12.124453
3976	3.976000	16.045538	12.119372
3977	3.977000	16.033421	12.113493
3978	3.978000	16.021311	12.106457
3979	3.979000	16.009209	12.098003
3980	3.980000	15.997116	12.087998
3981	3.981000	15.985034	12.076468
3982	3.982000	15.972964	12.063615
3983	3.983000	15.960907	12.049789
3984	3.984000	15.948864	12.035461
3985	3.985000	15.936836	12.021179
3986	3.986000	15.924822	12.007540
3987	3.987000	15.912820	11.995145
3988	3.988000	15.900830	11.984569
3989	3.989000	15.888850	11.976325
3990	3.990000	15.876876	11.970823
3991	3.991000	15.864907	11.968340
3992	3.992000	15.852938	11.968991
3993	3.993000	15.840967	11.972741
3994	3.994000	15.828991	11.979420
3995	3.995000	15.817007	11.988747
3996	3.996000	15.805013	12.000344
3997	3.997000	15.793005	12.013760
3998	3.998000	15.780984	12.028486
3999	3.999000	15.768948	12.043980
4000	4.000000	15.756896	12.059683
4001	4.001000	15.744829	12.075038
4002	4.002000	15.732747	12.089508
4003	4.003000	15.720651	12.102584
4004	4.004000	15.708542	12.113790
4005	4.005000	15.696424	12.122689
4006	4.006000	15.684298	12.128888
4007	4.007000	15.672168	12.132044

4008	4.008000	15.660036	12.131869
4009	4.009000	15.647906	12.128134
4010	4.010000	15.635782	12.120677
4011	4.011000	15.623667	12.109408
4012	4.012000	15.611565	12.094310
4013	4.013000	15.599480	12.075452
4014	4.014000	15.587416	12.052983
4015	4.015000	15.575376	12.027146
4016	4.016000	15.563363	11.998276
4017	4.017000	15.551380	11.966808
4018	4.018000	15.539430	11.933279
4019	4.019000	15.527514	11.898335
4020	4.020000	15.515634	11.862732
4021	4.021000	15.503789	11.827346
4022	4.022000	15.491979	11.793153
4023	4.023000	15.480201	11.761195
4024	4.024000	15.468455	11.732513
4025	4.025000	15.456734	11.708090
4026	4.026000	15.445036	11.688790
4027	4.027000	15.433354	11.675301
4028	4.028000	15.421682	11.668071
4029	4.029000	15.410014	11.667253
4030	4.030000	15.398344	11.672640
4031	4.031000	15.386666	11.683612
4032	4.032000	15.374975	11.699112
4033	4.033000	15.363267	11.717720
4034	4.034000	15.351539	11.737769
4035	4.035000	15.339791	11.757451
4036	4.036000	15.328025	11.774940
4037	4.037000	15.316243	11.788498
4038	4.038000	15.304451	11.796592
4039	4.039000	15.292653	11.798004
4040	4.040000	15.280858	11.791951
4041	4.041000	15.269073	11.778189
4042	4.042000	15.257306	11.757079
4043	4.043000	15.245562	11.729518
4044	4.044000	15.233849	11.696822
4045	4.045000	15.222171	11.660610
4046	4.046000	15.210529	11.622678
4047	4.047000	15.198925	11.584886
4048	4.048000	15.187358	11.549039
4049	4.049000	15.175825	11.516762
4050	4.050000	15.164322	11.489387
4051	4.051000	15.152844	11.467832
4052	4.052000	15.141383	11.452528
4053	4.053000	15.129935	11.443450
4054	4.054000	15.118494	11.440192
4055	4.055000	15.107053	11.442043
4056	4.056000	15.095607	11.448063
4057	4.057000	15.084155	11.457161
4058	4.058000	15.072692	11.468168
4059	4.059000	15.061218	11.479918
4060	4.060000	15.049733	11.491318
4061	4.061000	15.038236	11.501430
4062	4.062000	15.026731	11.509521
4063	4.063000	15.015218	11.515066
4064	4.064000	15.003702	11.517728
4065	4.065000	14.992184	11.517339
4066	4.066000	14.980669	11.513877

4067	4.067000	14.969158	11.507450
4068	4.068000	14.957655	11.498272
4069	4.069000	14.946163	11.486644
4070	4.070000	14.934683	11.472934
4071	4.071000	14.923218	11.457556
4072	4.072000	14.911769	11.440953
4073	4.073000	14.900336	11.423584
4074	4.074000	14.888922	11.405913
4075	4.075000	14.877524	11.388396
4076	4.076000	14.866144	11.371478
4077	4.077000	14.854781	11.355572
4078	4.078000	14.843433	11.341057
4079	4.079000	14.832098	11.328262
4080	4.080000	14.820775	11.317461
4081	4.081000	14.809462	11.308854
4082	4.082000	14.798156	11.302569
4083	4.083000	14.786856	11.298655
4084	4.084000	14.775558	11.297083
4085	4.085000	14.764260	11.297755
4086	4.086000	14.752961	11.300499
4087	4.087000	14.741658	11.305074
4088	4.088000	14.730350	11.311172
4089	4.089000	14.719036	11.318421
4090	4.090000	14.707713	11.326384
4091	4.091000	14.696383	11.334565
4092	4.092000	14.685044	11.342415
4093	4.093000	14.673698	11.349353
4094	4.094000	14.662346	11.354796
4095	4.095000	14.650990	11.358186
4096	4.096000	14.639631	11.359016
4097	4.097000	14.628273	11.356862
4098	4.098000	14.616919	11.351406
4099	4.099000	14.605572	11.342467
4100	4.100000	14.594236	11.330029
4101	4.101000	14.582914	11.314266
4102	4.102000	14.571609	11.295556
4103	4.103000	14.560324	11.274453
4104	4.104000	14.549061	11.251643
4105	4.105000	14.537821	11.227902
4106	4.106000	14.526605	11.204053
4107	4.107000	14.515412	11.180921
4108	4.108000	14.504242	11.159290
4109	4.109000	14.493093	11.139861
4110	4.110000	14.481961	11.123207
4111	4.111000	14.470845	11.109729
4112	4.112000	14.459740	11.099633
4113	4.113000	14.448644	11.092935
4114	4.114000	14.437553	11.089484
4115	4.115000	14.426463	11.088993
4116	4.116000	14.415373	11.091057
4117	4.117000	14.404280	11.095183
4118	4.118000	14.393182	11.100813
4119	4.119000	14.382078	11.107347
4120	4.120000	14.370967	11.114171
4121	4.121000	14.359850	11.120680
4122	4.122000	14.348726	11.126301
4123	4.123000	14.337598	11.130512
4124	4.124000	14.326466	11.132858
4125	4.125000	14.315333	11.132970

4126	4.126000	14.304202	11.130578
4127	4.127000	14.293074	11.125530
4128	4.128000	14.281952	11.117808
4129	4.129000	14.270839	11.107546
4130	4.130000	14.259738	11.095044
4131	4.131000	14.248650	11.080785
4132	4.132000	14.237577	11.065436
4133	4.133000	14.226519	11.049801
4134	4.134000	14.215477	11.034757
4135	4.135000	14.204449	11.021197
4136	4.136000	14.193434	11.009962
4137	4.137000	14.182428	11.001779
4138	4.138000	14.171428	10.997203
4139	4.139000	14.160431	10.996548
4140	4.140000	14.149433	10.999829
4141	4.141000	14.138430	11.006696
4142	4.142000	14.127418	11.016414
4143	4.143000	14.116396	11.027923
4144	4.144000	14.105362	11.039939
4145	4.145000	14.094317	11.051056
4146	4.146000	14.083261	11.059844
4147	4.147000	14.072199	11.064954
4148	4.148000	14.061134	11.065217
4149	4.149000	14.050071	11.059745
4150	4.150000	14.039017	11.048033
4151	4.151000	14.027978	11.030058
4152	4.152000	14.016960	11.006329
4153	4.153000	14.005968	10.977825
4154	4.154000	13.995006	10.945877
4155	4.155000	13.984077	10.912054
4156	4.156000	13.973182	10.878048
4157	4.157000	13.962320	10.845560
4158	4.158000	13.951490	10.816179
4159	4.159000	13.940686	10.791272
4160	4.160000	13.929904	10.771867
4161	4.161000	13.919139	10.758540
4162	4.162000	13.908384	10.751343
4163	4.163000	13.897633	10.749860
4164	4.164000	13.886882	10.753297
4165	4.165000	13.876125	10.760583
4166	4.166000	13.865359	10.770464
4167	4.167000	13.854583	10.781602
4168	4.168000	13.843796	10.792671
4169	4.169000	13.832999	10.802456
4170	4.170000	13.822193	10.809949
4171	4.171000	13.811380	10.814444
4172	4.172000	13.800565	10.815599
4173	4.173000	13.789751	10.813410
4174	4.174000	13.778940	10.808149
4175	4.175000	13.768136	10.800304
4176	4.176000	13.757340	10.790512
4177	4.177000	13.746555	10.779501
4178	4.178000	13.735782	10.768026
4179	4.179000	13.725019	10.756807
4180	4.180000	13.714268	10.746466
4181	4.181000	13.703526	10.737464
4182	4.182000	13.692792	10.730066
4183	4.183000	13.682065	10.724345
4184	4.184000	13.671342	10.720218

4185	4.185000	13.660623	10.717477
4186	4.186000	13.649907	10.715824
4187	4.187000	13.639191	10.714902
4188	4.188000	13.628477	10.714327
4189	4.189000	13.617763	10.713722
4190	4.190000	13.607050	10.712751
4191	4.191000	13.596338	10.711148
4192	4.192000	13.585628	10.708741
4193	4.193000	13.574921	10.705444
4194	4.194000	13.564217	10.701244
4195	4.195000	13.553519	10.696179
4196	4.196000	13.542825	10.690323
4197	4.197000	13.532138	10.683771
4198	4.198000	13.521458	10.676619
4199	4.199000	13.510785	10.668945
4200	4.200000	13.500120	10.660797
4201	4.201000	13.489464	10.652173
4202	4.202000	13.478816	10.643012
4203	4.203000	13.468178	10.633201
4204	4.204000	13.457550	10.622599
4205	4.205000	13.446934	10.611043
4206	4.206000	13.436329	10.598378
4207	4.207000	13.425737	10.584463
4208	4.208000	13.415161	10.569195
4209	4.209000	13.404600	10.552522
4210	4.210000	13.394056	10.534464
4211	4.211000	13.383531	10.515127
4212	4.212000	13.373026	10.494713
4213	4.213000	13.362542	10.473510
4214	4.214000	13.352080	10.451873
4215	4.215000	13.341639	10.430208
4216	4.216000	13.331219	10.408950
4217	4.217000	13.320820	10.388550
4218	4.218000	13.310441	10.369451
4219	4.219000	13.300081	10.352074
4220	4.220000	13.289736	10.336799
4221	4.221000	13.279406	10.323943
4222	4.222000	13.269087	10.313752
4223	4.223000	13.258777	10.306391
4224	4.224000	13.248473	10.301941
4225	4.225000	13.238171	10.300399
4226	4.226000	13.227870	10.301677
4227	4.227000	13.217567	10.305596
4228	4.228000	13.207258	10.311887
4229	4.229000	13.196942	10.320187
4230	4.230000	13.186617	10.330041
4231	4.231000	13.176281	10.340892
4232	4.232000	13.165935	10.352098
4233	4.233000	13.155577	10.362950
4234	4.234000	13.145210	10.372720
4235	4.235000	13.134833	10.380687
4236	4.236000	13.124449	10.386182
4237	4.237000	13.114062	10.388626
4238	4.238000	13.103674	10.387559
4239	4.239000	13.093289	10.382688
4240	4.240000	13.082911	10.373915
4241	4.241000	13.072543	10.361379
4242	4.242000	13.062189	10.345473
4243	4.243000	13.051853	10.326803

4244	4.244000	13.041537	10.306140
4245	4.245000	13.031242	10.284358
4246	4.246000	13.020968	10.262382
4247	4.247000	13.010716	10.241131
4248	4.248000	13.000485	10.221459
4249	4.249000	12.990272	10.204104
4250	4.250000	12.980076	10.189627
4251	4.251000	12.969892	10.178362
4252	4.252000	12.959717	10.170378
4253	4.253000	12.949549	10.165504
4254	4.254000	12.939385	10.163374
4255	4.255000	12.929221	10.163471
4256	4.256000	12.919057	10.165176
4257	4.257000	12.908891	10.167810
4258	4.258000	12.898721	10.170681
4259	4.259000	12.888549	10.173128
4260	4.260000	12.878376	10.174572
4261	4.261000	12.868201	10.174553
4262	4.262000	12.858027	10.172769
4263	4.263000	12.847856	10.169066
4264	4.264000	12.837690	10.163425
4265	4.265000	12.827530	10.155939
4266	4.266000	12.817379	10.146800
4267	4.267000	12.807238	10.136277
4268	4.268000	12.797107	10.124698
4269	4.269000	12.786989	10.112435
4270	4.270000	12.776882	10.099881
4271	4.271000	12.766789	10.087437
4272	4.272000	12.756707	10.075489
4273	4.273000	12.746637	10.064399
4274	4.274000	12.736578	10.054492
4275	4.275000	12.726528	10.046041
4276	4.276000	12.716485	10.039256
4277	4.277000	12.706448	10.034272
4278	4.278000	12.696415	10.031134
4279	4.279000	12.686385	10.029788
4280	4.280000	12.676355	10.030066
4281	4.281000	12.666324	10.031675
4282	4.282000	12.656291	10.034193
4283	4.283000	12.646256	10.037103
4284	4.284000	12.636217	10.039824
4285	4.285000	12.626176	10.041752
4286	4.286000	12.616134	10.042301
4287	4.287000	12.606093	10.040937
4288	4.288000	12.596054	10.037223
4289	4.289000	12.586020	10.030850
4290	4.290000	12.575993	10.021683
4291	4.291000	12.565978	10.009792
4292	4.292000	12.555975	9.995476
4293	4.293000	12.545988	9.979229
4294	4.294000	12.536017	9.961689
4295	4.295000	12.526065	9.943590
4296	4.296000	12.516130	9.925705
4297	4.297000	12.506213	9.908801
4298	4.298000	12.496311	9.893581
4299	4.299000	12.486424	9.880639
4300	4.300000	12.476549	9.870403
4301	4.301000	12.466682	9.863090
4302	4.302000	12.456821	9.858672

4303	4.303000	12.446963	9.856899
4304	4.304000	12.437106	9.857348
4305	4.305000	12.427248	9.859460
4306	4.306000	12.417387	9.862594
4307	4.307000	12.407523	9.866064
4308	4.308000	12.397655	9.869187
4309	4.309000	12.387785	9.871330
4310	4.310000	12.377913	9.871950
4311	4.311000	12.368042	9.870644
4312	4.312000	12.358173	9.867172
4313	4.313000	12.348308	9.861456
4314	4.314000	12.338451	9.853554
4315	4.315000	12.328602	9.843642
4316	4.316000	12.318765	9.831985
4317	4.317000	12.308939	9.818923
4318	4.318000	12.299127	9.804841
4319	4.319000	12.289330	9.790152
4320	4.320000	12.279547	9.775272
4321	4.321000	12.269779	9.760598
4322	4.322000	12.260026	9.746492
4323	4.323000	12.250286	9.733276
4324	4.324000	12.240558	9.721227
4325	4.325000	12.230842	9.710581
4326	4.326000	12.221136	9.701530
4327	4.327000	12.211439	9.694224
4328	4.328000	12.201747	9.688764
4329	4.329000	12.192060	9.685211
4330	4.330000	12.182376	9.683576
4331	4.331000	12.172692	9.683826
4332	4.332000	12.163007	9.685881
4333	4.333000	12.153319	9.689612
4334	4.334000	12.143627	9.694845
4335	4.335000	12.133929	9.701361
4336	4.336000	12.124224	9.708892
4337	4.337000	12.114511	9.717126
4338	4.338000	12.104789	9.725704
4339	4.339000	12.095060	9.734223
4340	4.340000	12.085321	9.742234
4341	4.341000	12.075576	9.749242
4342	4.342000	12.065824	9.754718
4343	4.343000	12.056067	9.758119
4344	4.344000	12.046309	9.758928
4345	4.345000	12.036551	9.756684
4346	4.346000	12.026797	9.751016
4347	4.347000	12.017051	9.741680
4348	4.348000	12.007316	9.728590
4349	4.349000	11.997595	9.711853
4350	4.350000	11.987893	9.691802
4351	4.351000	11.978213	9.669032
4352	4.352000	11.968556	9.644403
4353	4.353000	11.958925	9.618983
4354	4.354000	11.949318	9.593965
4355	4.355000	11.939736	9.570580
4356	4.356000	11.930176	9.550009
4357	4.357000	11.920634	9.533304
4358	4.358000	11.911107	9.521294
4359	4.359000	11.901589	9.514506
4360	4.360000	11.892075	9.513076
4361	4.361000	11.882560	9.516668

4362	4.362000	11.873040	9.524434
4363	4.363000	11.863510	9.535103
4364	4.364000	11.853969	9.547113
4365	4.365000	11.844416	9.558744
4366	4.366000	11.834852	9.568257
4367	4.367000	11.825281	9.574025
4368	4.368000	11.815707	9.574669
4369	4.369000	11.806135	9.569195
4370	4.370000	11.796572	9.557126
4371	4.371000	11.787024	9.538635
4372	4.372000	11.777497	9.514613
4373	4.373000	11.767997	9.486556
4374	4.374000	11.758525	9.456397
4375	4.375000	11.749084	9.426325
4376	4.376000	11.739671	9.398610
4377	4.377000	11.730284	9.375425
4378	4.378000	11.720917	9.358669
4379	4.379000	11.711563	9.349792
4380	4.380000	11.702213	9.349617
4381	4.381000	11.692859	9.358165
4382	4.382000	11.683493	9.374565
4383	4.383000	11.674107	9.397175
4384	4.384000	11.664697	9.423782
4385	4.385000	11.655259	9.451809
4386	4.386000	11.645794	9.478518
4387	4.387000	11.636304	9.501219
4388	4.388000	11.626794	9.517470
4389	4.389000	11.617273	9.525291
4390	4.390000	11.607749	9.523358
4391	4.391000	11.598231	9.511214
4392	4.392000	11.588731	9.489380
4393	4.393000	11.579257	9.459237
4394	4.394000	11.569816	9.422832
4395	4.395000	11.560413	9.382664
4396	4.396000	11.551051	9.341486
4397	4.397000	11.541729	9.302095
4398	4.398000	11.532445	9.267128
4399	4.399000	11.523192	9.238855
4400	4.400000	11.513963	9.218978
4401	4.401000	11.504749	9.208423
4402	4.402000	11.495541	9.207223
4403	4.403000	11.486330	9.214604
4404	4.404000	11.477108	9.229155
4405	4.405000	11.467869	9.248994
4406	4.406000	11.458609	9.271950
4407	4.407000	11.449325	9.295725
4408	4.408000	11.440018	9.318069
4409	4.409000	11.430691	9.336954
4410	4.410000	11.421347	9.350745
4411	4.411000	11.411992	9.358366
4412	4.412000	11.402633	9.359407
4413	4.413000	11.393277	9.354071
4414	4.414000	11.383928	9.343046
4415	4.415000	11.374593	9.327389
4416	4.416000	11.365275	9.308398
4417	4.417000	11.355977	9.287489
4418	4.418000	11.346700	9.266075
4419	4.419000	11.337444	9.245443
4420	4.420000	11.328208	9.226629

4421	4.421000	11.318990	9.210294
4422	4.422000	11.309786	9.196657
4423	4.423000	11.300595	9.185533
4424	4.424000	11.291414	9.176427
4425	4.425000	11.282242	9.168627
4426	4.426000	11.273077	9.161297
4427	4.427000	11.263919	9.153571
4428	4.428000	11.254770	9.144645
4429	4.429000	11.245631	9.133872
4430	4.430000	11.236504	9.120854
4431	4.431000	11.227391	9.105535
4432	4.432000	11.218294	9.088248
4433	4.433000	11.209215	9.069666
4434	4.434000	11.200154	9.050706
4435	4.435000	11.191113	9.032428
4436	4.436000	11.182089	9.015948
4437	4.437000	11.173080	9.002330
4438	4.438000	11.164082	8.992499
4439	4.439000	11.155092	8.987142
4440	4.440000	11.146105	8.986608
4441	4.441000	11.137117	8.990818
4442	4.442000	11.128122	8.999214
4443	4.443000	11.119117	9.010823
4444	4.444000	11.110099	9.024366
4445	4.445000	11.101068	9.038372
4446	4.446000	11.092023	9.051288
4447	4.447000	11.082966	9.061588
4448	4.448000	11.073902	9.067891
4449	4.449000	11.064833	9.069065
4450	4.450000	11.055767	9.064344
4451	4.451000	11.046708	9.053434
4452	4.452000	11.037663	9.036579
4453	4.453000	11.028637	9.014500
4454	4.454000	11.019636	8.988296
4455	4.455000	11.010662	8.959336
4456	4.456000	11.001718	8.929153
4457	4.457000	10.992803	8.899340
4458	4.458000	10.983918	8.871446
4459	4.459000	10.975059	8.846866
4460	4.460000	10.966222	8.826739
4461	4.461000	10.957403	8.811844
4462	4.462000	10.948596	8.802533
4463	4.463000	10.939795	8.798757
4464	4.464000	10.930996	8.800129
4465	4.465000	10.922192	8.805994
4466	4.466000	10.913382	8.815493
4467	4.467000	10.904560	8.827627
4468	4.468000	10.895726	8.841324
4469	4.469000	10.886877	8.855505
4470	4.470000	10.878015	8.869149
4471	4.471000	10.869140	8.881361
4472	4.472000	10.860253	8.891415
4473	4.473000	10.851358	8.898767
4474	4.474000	10.842457	8.903044
4475	4.475000	10.833554	8.904036
4476	4.476000	10.824651	8.901682
4477	4.477000	10.815752	8.896067
4478	4.478000	10.806860	8.887409
4479	4.479000	10.797979	8.876048

4480	4.480000	10.789109	8.862440
4481	4.481000	10.780255	8.847148
4482	4.482000	10.771416	8.830820
4483	4.483000	10.762593	8.814165
4484	4.484000	10.753787	8.797911
4485	4.485000	10.744997	8.782768
4486	4.486000	10.736221	8.769392
4487	4.487000	10.727457	8.758345
4488	4.488000	10.718703	8.750057
4489	4.489000	10.709955	8.744791
4490	4.490000	10.701211	8.742602
4491	4.491000	10.692468	8.743303
4492	4.492000	10.683724	8.746446
4493	4.493000	10.674975	8.751371
4494	4.494000	10.666220	8.757265
4495	4.495000	10.657460	8.763227
4496	4.496000	10.648694	8.768339
4497	4.497000	10.639924	8.771726
4498	4.498000	10.631152	8.772625
4499	4.499000	10.622381	8.770446
4500	4.500000	10.613613	8.764844
4501	4.501000	10.604853	8.755776
4502	4.502000	10.596103	8.743540
4503	4.503000	10.587367	8.728728
4504	4.504000	10.578646	8.712149
4505	4.505000	10.569943	8.694755
4506	4.506000	10.561257	8.677561
4507	4.507000	10.552587	8.661569
4508	4.508000	10.543933	8.647695
4509	4.509000	10.535290	8.636684
4510	4.510000	10.526658	8.629041
4511	4.511000	10.518031	8.624952
4512	4.512000	10.509406	8.624240
4513	4.513000	10.500781	8.626414
4514	4.514000	10.492152	8.630739
4515	4.515000	10.483518	8.636322
4516	4.516000	10.474879	8.642185
4517	4.517000	10.466234	8.647345
4518	4.518000	10.457585	8.650895
4519	4.519000	10.448934	8.652078
4520	4.520000	10.440283	8.650368
4521	4.521000	10.431635	8.645549
4522	4.522000	10.422993	8.637753
4523	4.523000	10.414360	8.627425
4524	4.524000	10.405739	8.615238
4525	4.525000	10.397130	8.602025
4526	4.526000	10.388535	8.588692
4527	4.527000	10.379953	8.576148
4528	4.528000	10.371382	8.565225
4529	4.529000	10.362821	8.556597
4530	4.530000	10.354267	8.550710
4531	4.531000	10.345718	8.547697
4532	4.532000	10.337171	8.547343
4533	4.533000	10.328622	8.549129
4534	4.534000	10.320072	8.552311
4535	4.535000	10.311518	8.556001
4536	4.536000	10.302960	8.559253
4537	4.537000	10.294400	8.561140
4538	4.538000	10.285839	8.560835

4539 4.539000 10.277280 8.557697
4540 4.540000 10.268725 8.551351
4541 4.541000 10.260178 8.541765
4542 4.542000 10.251643 8.529297
4543 4.543000 10.243121 8.514640
4544 4.544000 10.234614 8.498732
4545 4.545000 10.226124 8.482667
4546 4.546000 10.217648 8.467603
4547 4.547000 10.209187 8.454669
4548 4.548000 10.200738 8.444876
4549 4.549000 10.192296 8.439023
4550 4.550000 10.183857 8.437612
4551 4.551000 10.175418 8.440750
4552 4.552000 10.166974 8.448106
4553 4.553000 10.158520 8.458958
4554 4.554000 10.150054 8.472292
4555 4.555000 10.141575 8.486891
4556 4.556000 10.133081 8.501428
4557 4.557000 10.124573 8.514567
4558 4.558000 10.116053 8.525048
4559 4.559000 10.107525 8.531788
4560 4.560000 10.098992 8.533971
4561 4.561000 10.090459 8.531142
4562 4.562000 10.081932 8.523265
4563 4.563000 10.073415 8.510683
4564 4.564000 10.064913 8.494049
4565 4.565000 10.056428 8.474250
4566 4.566000 10.047965 8.452335
4567 4.567000 10.039524 8.429442
4568 4.568000 10.031106 8.406720
4569 4.569000 10.022710 8.385260
4570 4.570000 10.014334 8.366020
4571 4.571000 10.005977 8.349749
4572 4.572000 9.997633 8.336942
4573 4.573000 9.989301 8.327839
4574 4.574000 9.980976 8.322459
4575 4.575000 9.972654 8.320626
4576 4.576000 9.964333 8.321994
4577 4.577000 9.956009 8.326082
4578 4.578000 9.947680 8.332301
4579 4.579000 9.939344 8.339979
4580 4.580000 9.930999 8.348393
4581 4.581000 9.922647 8.356796
4582 4.582000 9.914286 8.364447
4583 4.583000 9.905919 8.370633
4584 4.584000 9.897546 8.374694
4585 4.585000 9.889171 8.376047
4586 4.586000 9.880795 8.374209
4587 4.587000 9.872424 8.368822
4588 4.588000 9.864060 8.359676
4589 4.589000 9.855706 8.346732
4590 4.590000 9.847368 8.330147
4591 4.591000 9.839048 8.310298
4592 4.592000 9.830749 8.287785
4593 4.593000 9.822473 8.263393
4594 4.594000 9.814222 8.238041
4595 4.595000 9.805997 8.212720
4596 4.596000 9.797796 8.188440
4597 4.597000 9.789619 8.166174

4598 4.598000 9.781463 8.146801
4599 4.599000 9.773324 8.131049
4600 4.600000 9.765198 8.119439
4601 4.601000 9.757083 8.112232
4602 4.602000 9.748972 8.109395
4603 4.603000 9.740862 8.110628
4604 4.604000 9.732749 8.115414
4605 4.605000 9.724630 8.123072
4606 4.606000 9.716502 8.132805
4607 4.607000 9.708363 8.143752
4608 4.608000 9.700214 8.155043
4609 4.609000 9.692054 8.165842
4610 4.610000 9.683883 8.175407
4611 4.611000 9.675704 8.183133
4612 4.612000 9.667518 8.188594
4613 4.613000 9.659328 8.191533
4614 4.614000 9.651136 8.191848
4615 4.615000 9.642945 8.189574
4616 4.616000 9.634758 8.184860
4617 4.617000 9.626577 8.177954
4618 4.618000 9.618403 8.169182
4619 4.619000 9.610239 8.158931
4620 4.620000 9.602086 8.147627
4621 4.621000 9.593944 8.135719
4622 4.622000 9.585814 8.123660
4623 4.623000 9.577697 8.111894
4624 4.624000 9.569590 8.100835
4625 4.625000 9.561494 8.090864
4626 4.626000 9.553408 8.082304
4627 4.627000 9.545329 8.075412
4628 4.628000 9.537256 8.070363
4629 4.629000 9.529187 8.067237
4630 4.630000 9.521121 8.066003
4631 4.631000 9.513054 8.066505
4632 4.632000 9.504987 8.068463
4633 4.633000 9.496917 8.071485
4634 4.634000 9.488844 8.075103
4635 4.635000 9.480767 8.078802
4636 4.636000 9.472686 8.082050
4637 4.637000 9.464603 8.084326
4638 4.638000 9.456518 8.085155
4639 4.639000 9.448434 8.084134
4640 4.640000 9.440351 8.080964
4641 4.641000 9.432273 8.075480
4642 4.642000 9.424201 8.067669
4643 4.643000 9.416139 8.057657
4644 4.644000 9.408087 8.045686
4645 4.645000 9.400048 8.032090
4646 4.646000 9.392023 8.017271
4647 4.647000 9.384014 8.001673
4648 4.648000 9.376020 7.985759
4649 4.649000 9.368042 7.969986
4650 4.650000 9.360080 7.954784
4651 4.651000 9.352132 7.940526
4652 4.652000 9.344198 7.927515
4653 4.653000 9.336277 7.915978
4654 4.654000 9.328366 7.906072
4655 4.655000 9.320464 7.897883
4656 4.656000 9.312569 7.891434

4657 4.657000 9.304680 7.886684
4658 4.658000 9.296795 7.883533
4659 4.659000 9.288912 7.881827
4660 4.660000 9.281030 7.881356
4661 4.661000 9.273149 7.881865
4662 4.662000 9.265266 7.883051
4663 4.663000 9.257383 7.884582
4664 4.664000 9.249497 7.886109
4665 4.665000 9.241611 7.887282
4666 4.666000 9.233723 7.887759
4667 4.667000 9.225836 7.887232
4668 4.668000 9.217949 7.885429
4669 4.669000 9.210065 7.882138
4670 4.670000 9.202186 7.877218
4671 4.671000 9.194312 7.870614
4672 4.672000 9.186445 7.862364
4673 4.673000 9.178588 7.852595
4674 4.674000 9.170741 7.841504
4675 4.675000 9.162905 7.829352
4676 4.676000 9.155082 7.816440
4677 4.677000 9.147273 7.803104
4678 4.678000 9.139476 7.789699
4679 4.679000 9.131693 7.776579
4680 4.680000 9.123923 7.764093
4681 4.681000 9.116165 7.752564
4682 4.682000 9.108417 7.742279
4683 4.683000 9.100679 7.733486
4684 4.684000 9.092949 7.726384
4685 4.685000 9.085226 7.721125
4686 4.686000 9.077506 7.717806
4687 4.687000 9.069789 7.716467
4688 4.688000 9.062072 7.717086
4689 4.689000 9.054354 7.719576
4690 4.690000 9.046632 7.723779
4691 4.691000 9.038906 7.729467
4692 4.692000 9.031173 7.736335
4693 4.693000 9.023432 7.744021
4694 4.694000 9.015684 7.752122
4695 4.695000 9.007928 7.760211
4696 4.696000 9.000164 7.767856
4697 4.697000 8.992393 7.774636
4698 4.698000 8.984616 7.780164
4699 4.699000 8.976833 7.784099
4700 4.700000 8.969048 7.786168
4701 4.701000 8.961262 7.786182
4702 4.702000 8.953477 7.784050
4703 4.703000 8.945695 7.779769
4704 4.704000 8.937918 7.773418
4705 4.705000 8.930149 7.765142
4706 4.706000 8.922389 7.755143
4707 4.707000 8.914640 7.743665
4708 4.708000 8.906902 7.730986
4709 4.709000 8.899178 7.717403
4710 4.710000 8.891468 7.703224
4711 4.711000 8.883772 7.688750
4712 4.712000 8.876090 7.674271
4713 4.713000 8.868423 7.660058
4714 4.714000 8.860770 7.646358
4715 4.715000 8.853130 7.633391

4716 4.716000 8.845503 7.621344
4717 4.717000 8.837887 7.610369
4718 4.718000 8.830281 7.600579
4719 4.719000 8.822685 7.592041
4720 4.720000 8.815097 7.584775
4721 4.721000 8.807515 7.578749
4722 4.722000 8.799939 7.573876
4723 4.723000 8.792367 7.570028
4724 4.724000 8.784798 7.567043
4725 4.725000 8.777232 7.564736
4726 4.726000 8.769668 7.562918
4727 4.727000 8.762106 7.561401
4728 4.728000 8.754545 7.560012
4729 4.729000 8.746986 7.558609
4730 4.730000 8.739428 7.557085
4731 4.731000 8.731872 7.555389
4732 4.732000 8.724318 7.553525
4733 4.733000 8.716765 7.551544
4734 4.734000 8.709215 7.549534
4735 4.735000 8.701666 7.547596
4736 4.736000 8.694119 7.545837
4737 4.737000 8.686574 7.544347
4738 4.738000 8.679030 7.543190
4739 4.739000 8.671488 7.542384
4740 4.740000 8.663946 7.541890
4741 4.741000 8.656404 7.541592
4742 4.742000 8.648862 7.541294
4743 4.743000 8.641321 7.540737
4744 4.744000 8.633781 7.539623
4745 4.745000 8.626242 7.537642
4746 4.746000 8.618706 7.534499
4747 4.747000 8.611174 7.529940
4748 4.748000 8.603647 7.523778
4749 4.749000 8.596127 7.515918
4750 4.750000 8.588616 7.506385
4751 4.751000 8.581115 7.495347
4752 4.752000 8.573626 7.483132
4753 4.753000 8.566150 7.470191
4754 4.754000 8.558686 7.457069
4755 4.755000 8.551235 7.444354
4756 4.756000 8.543797 7.432636
4757 4.757000 8.536369 7.422472
4758 4.758000 8.528951 7.414334
4759 4.759000 8.521539 7.408577
4760 4.760000 8.514132 7.405390
4761 4.761000 8.506727 7.404758
4762 4.762000 8.499322 7.406439
4763 4.763000 8.491913 7.409997
4764 4.764000 8.484501 7.414848
4765 4.765000 8.477083 7.420313
4766 4.766000 8.469660 7.425668
4767 4.767000 8.462233 7.430193
4768 4.768000 8.454801 7.433225
4769 4.769000 8.447367 7.434206
4770 4.770000 8.439934 7.432734
4771 4.771000 8.432503 7.428616
4772 4.772000 8.425078 7.421891
4773 4.773000 8.417660 7.412808
4774 4.774000 8.410253 7.401777

4775 4.775000 8.402858 7.389322
4776 4.776000 8.395475 7.376032
4777 4.777000 8.388106 7.362515
4778 4.778000 8.380750 7.349346
4779 4.779000 8.373406 7.337026
4780 4.780000 8.366075 7.325925
4781 4.781000 8.358754 7.316242
4782 4.782000 8.351442 7.307975
4783 4.783000 8.344137 7.300944
4784 4.784000 8.336839 7.294835
4785 4.785000 8.329547 7.289244
4786 4.786000 8.322261 7.283718
4787 4.787000 8.314980 7.277804
4788 4.788000 8.307706 7.271091
4789 4.789000 8.300439 7.263249
4790 4.790000 8.293180 7.254083
4791 4.791000 8.285931 7.243565
4792 4.792000 8.278693 7.231869
4793 4.793000 8.271468 7.219338
4794 4.794000 8.264255 7.206450
4795 4.795000 8.257055 7.193770
4796 4.796000 8.249867 7.181912
4797 4.797000 8.242690 7.171492
4798 4.798000 8.235523 7.163086
4799 4.799000 8.228363 7.157191
4800 4.800000 8.221207 7.154179
4801 4.801000 8.214053 7.154255
4802 4.802000 8.206897 7.157431
4803 4.803000 8.199737 7.163543
4804 4.804000 8.192569 7.172277
4805 4.805000 8.185391 7.183200
4806 4.806000 8.178201 7.195792
4807 4.807000 8.170999 7.209478
4808 4.808000 8.163782 7.223655
4809 4.809000 8.156551 7.237722
4810 4.810000 8.149307 7.251116
4811 4.811000 8.142050 7.263337
4812 4.812000 8.134781 7.273971
4813 4.813000 8.127503 7.282697
4814 4.814000 8.120217 7.289276
4815 4.815000 8.112925 7.293554
4816 4.816000 8.105631 7.295448
4817 4.817000 8.098336 7.294949
4818 4.818000 8.091042 7.292112
4819 4.819000 8.083753 7.287052
4820 4.820000 8.076469 7.279943
4821 4.821000 8.069194 7.271006
4822 4.822000 8.061928 7.260508
4823 4.823000 8.054673 7.248752
4824 4.824000 8.047431 7.236067
4825 4.825000 8.040201 7.222795
4826 4.826000 8.032985 7.209287
4827 4.827000 8.025783 7.195886
4828 4.828000 8.018593 7.182921
4829 4.829000 8.011417 7.170697
4830 4.830000 8.004252 7.159484
4831 4.831000 7.997097 7.149505
4832 4.832000 7.989952 7.140930
4833 4.833000 7.982814 7.133870

4834	4.834000	7.975683	7.128373
4835	4.835000	7.968557	7.124418
4836	4.836000	7.961434	7.121914
4837	4.837000	7.954312	7.120694
4838	4.838000	7.947192	7.120512
4839	4.839000	7.940071	7.121036
4840	4.840000	7.932950	7.121849
4841	4.841000	7.925827	7.122442
4842	4.842000	7.918705	7.122222
4843	4.843000	7.911584	7.120546
4844	4.844000	7.904465	7.116771
4845	4.845000	7.897352	7.110294
4846	4.846000	7.890246	7.100606
4847	4.847000	7.883152	7.087330
4848	4.848000	7.876073	7.070276
4849	4.849000	7.869013	7.049481
4850	4.850000	7.861976	7.025260
4851	4.851000	7.854964	6.998245
4852	4.852000	7.847980	6.969407
4853	4.853000	7.841026	6.939981
4854	4.854000	7.834100	6.911366
4855	4.855000	7.827202	6.885028
4856	4.856000	7.820328	6.862394
4857	4.857000	7.813475	6.844752
4858	4.858000	7.806636	6.833151
4859	4.859000	7.799805	6.828297
4860	4.860000	7.792976	6.830453
4861	4.861000	7.786141	6.839340
4862	4.862000	7.779294	6.854088
4863	4.863000	7.772430	6.873330
4864	4.864000	7.765546	6.895337
4865	4.865000	7.758639	6.918170
4866	4.866000	7.751710	6.939819
4867	4.867000	7.744761	6.958350
4868	4.868000	7.737796	6.972046
4869	4.869000	7.730820	6.979556
4870	4.870000	7.723840	6.980034
4871	4.871000	7.716864	6.973285
4872	4.872000	7.709897	6.959839
4873	4.873000	7.702947	6.940853
4874	4.874000	7.696017	6.917956
4875	4.875000	7.689112	6.893079
4876	4.876000	7.682231	6.868298
4877	4.877000	7.675374	6.845664
4878	4.878000	7.668538	6.827045
4879	4.879000	7.661717	6.813956
4880	4.880000	7.654907	6.807404
4881	4.881000	7.648099	6.807718
4882	4.882000	7.641288	6.814467
4883	4.883000	7.634467	6.826550
4884	4.884000	7.627633	6.842359
4885	4.885000	7.620782	6.859955
4886	4.886000	7.613913	6.877226
4887	4.887000	7.607029	6.892061
4888	4.888000	7.600131	6.902517
4889	4.889000	7.593227	6.906986
4890	4.890000	7.586321	6.904362
4891	4.891000	7.579422	6.894210
4892	4.892000	7.572536	6.876854

4893	4.893000	7.565671	6.853298
4894	4.894000	7.558832	6.825063
4895	4.895000	7.552022	6.794028
4896	4.896000	7.545244	6.762274
4897	4.897000	7.538497	6.731918
4898	4.898000	7.531779	6.704957
4899	4.899000	7.525085	6.683108
4900	4.900000	7.518409	6.667646
4901	4.901000	7.511746	6.659248
4902	4.902000	7.505087	6.657897
4903	4.903000	7.498427	6.662958
4904	4.904000	7.491759	6.673306
4905	4.905000	7.485078	6.687468
4906	4.906000	7.478383	6.703755
4907	4.907000	7.471671	6.720404
4908	4.908000	7.464942	6.735712
4909	4.909000	7.458201	6.748172
4910	4.910000	7.451448	6.756613
4911	4.911000	7.444690	6.760333
4912	4.912000	7.437930	6.759181
4913	4.913000	7.431174	6.753506
4914	4.914000	7.424425	6.744052
4915	4.915000	7.417687	6.731853
4916	4.916000	7.410962	6.718124
4917	4.917000	7.404251	6.704157
4918	4.918000	7.397553	6.691213
4919	4.919000	7.390867	6.680419
4920	4.920000	7.384191	6.672655
4921	4.921000	7.377520	6.668454
4922	4.922000	7.370852	6.667939
4923	4.923000	7.364183	6.670853
4924	4.924000	7.357509	6.676640
4925	4.925000	7.350828	6.684523
4926	4.926000	7.344139	6.693579
4927	4.927000	7.337441	6.702820
4928	4.928000	7.330734	6.711269
4929	4.929000	7.324019	6.718038
4930	4.930000	7.317299	6.722409
4931	4.931000	7.310576	6.723906
4932	4.932000	7.303853	6.722348
4933	4.933000	7.297133	6.717823
4934	4.934000	7.290418	6.710644
4935	4.935000	7.283712	6.701295
4936	4.936000	7.277017	6.690378
4937	4.937000	7.270332	6.678568
4938	4.938000	7.263660	6.666558
4939	4.939000	7.256999	6.655010
4940	4.940000	7.250349	6.644504
4941	4.941000	7.243709	6.635487
4942	4.942000	7.237077	6.628241
4943	4.943000	7.230452	6.622885
4944	4.944000	7.223830	6.619396
4945	4.945000	7.217212	6.617633
4946	4.946000	7.210594	6.617353
4947	4.947000	7.203977	6.618236
4948	4.948000	7.197358	6.619903
4949	4.949000	7.190737	6.621941
4950	4.950000	7.184114	6.623919
4951	4.951000	7.177489	6.625413

4952	4.952000	7.170863	6.626021
4953	4.953000	7.164238	6.625379
4954	4.954000	7.157613	6.623168
4955	4.955000	7.150992	6.619127
4956	4.956000	7.144376	6.613059
4957	4.957000	7.137767	6.604843
4958	4.958000	7.131168	6.594444
4959	4.959000	7.124579	6.581924
4960	4.960000	7.118005	6.567449
4961	4.961000	7.111445	6.551300
4962	4.962000	7.104903	6.533875
4963	4.963000	7.098378	6.515666
4964	4.964000	7.091871	6.497232
4965	4.965000	7.085383	6.479164
4966	4.966000	7.078913	6.462062
4967	4.967000	7.072458	6.446498
4968	4.968000	7.066019	6.432992
4969	4.969000	7.059591	6.421977
4970	4.970000	7.053173	6.413771
4971	4.971000	7.046762	6.408548
4972	4.972000	7.040355	6.406322
4973	4.973000	7.033948	6.406952
4974	4.974000	7.027540	6.410170
4975	4.975000	7.021127	6.415605
4976	4.976000	7.014707	6.422803
4977	4.977000	7.008280	6.431253
4978	4.978000	7.001845	6.440408
4979	4.979000	6.995400	6.449711
4980	4.980000	6.988945	6.458617
4981	4.981000	6.982483	6.466617
4982	4.982000	6.976013	6.473256
4983	4.983000	6.969537	6.478143
4984	4.984000	6.963058	6.480955
4985	4.985000	6.956576	6.481444
4986	4.986000	6.950096	6.479440
4987	4.987000	6.943619	6.474856
4988	4.988000	6.937147	6.467693
4989	4.989000	6.930685	6.458048
4990	4.990000	6.924233	6.446112
4991	4.991000	6.917793	6.432180
4992	4.992000	6.911369	6.416650
4993	4.993000	6.904961	6.399998
4994	4.994000	6.898569	6.382758
4995	4.995000	6.892195	6.365492
4996	4.996000	6.885838	6.348767
4997	4.997000	6.879497	6.333127
4998	4.998000	6.873171	6.319066
4999	4.999000	6.866858	6.307006
5000	5.000000	6.860556	6.297266
5001	5.001000	6.854262	6.290040
5002	5.002000	6.847974	6.285380
5003	5.003000	6.841690	6.283205
5004	5.004000	6.835407	6.283320
5005	5.005000	6.829122	6.285441
5006	5.006000	6.822835	6.289207
5007	5.007000	6.816543	6.294207
5008	5.008000	6.810246	6.299997
5009	5.009000	6.803943	6.306118
5010	5.010000	6.797634	6.312122

5011	5.011000	6.791319	6.317586
5012	5.012000	6.784999	6.322130
5013	5.013000	6.778676	6.325425
5014	5.014000	6.772349	6.327197
5015	5.015000	6.766022	6.327227
5016	5.016000	6.759696	6.325360
5017	5.017000	6.753372	6.321502
5018	5.018000	6.747054	6.315625
5019	5.019000	6.740742	6.307776
5020	5.020000	6.734439	6.298070
5021	5.021000	6.728147	6.286704
5022	5.022000	6.721867	6.273947
5023	5.023000	6.715600	6.260130
5024	5.024000	6.709347	6.245627
5025	5.025000	6.703108	6.230838
5026	5.026000	6.696885	6.216167
5027	5.027000	6.690676	6.202007
5028	5.028000	6.684480	6.188717
5029	5.029000	6.678298	6.176610
5030	5.030000	6.672127	6.165928
5031	5.031000	6.665965	6.156826
5032	5.032000	6.659812	6.149362
5033	5.033000	6.653666	6.143509
5034	5.034000	6.647524	6.139164
5035	5.035000	6.641387	6.136173
5036	5.036000	6.635251	6.134345
5037	5.037000	6.629117	6.133470
5038	5.038000	6.622984	6.133336
5039	5.039000	6.616850	6.133744
5040	5.040000	6.610716	6.134531
5041	5.041000	6.604581	6.135582
5042	5.042000	6.598445	6.136840
5043	5.043000	6.592308	6.138304
5044	5.044000	6.586168	6.140011
5045	5.045000	6.580027	6.142023
5046	5.046000	6.573884	6.144415
5047	5.047000	6.567738	6.147260
5048	5.048000	6.561589	6.150615
5049	5.049000	6.555437	6.154508
5050	5.050000	6.549280	6.158924
5051	5.051000	6.543119	6.163790
5052	5.052000	6.536952	6.168971
5053	5.053000	6.530781	6.174270
5054	5.054000	6.524604	6.179450
5055	5.055000	6.518422	6.184238
5056	5.056000	6.512236	6.188342
5057	5.057000	6.506046	6.191465
5058	5.058000	6.499853	6.193312
5059	5.059000	6.493660	6.193611
5060	5.060000	6.487467	6.192117
5061	5.061000	6.481277	6.188634
5062	5.062000	6.475091	6.183017
5063	5.063000	6.468912	6.175182
5064	5.064000	6.462742	6.165110
5065	5.065000	6.456583	6.152849
5066	5.066000	6.450437	6.138516
5067	5.067000	6.444307	6.122304
5068	5.068000	6.438193	6.104484
5069	5.069000	6.432098	6.085406

5070	5.070000	6.426023	6.065507
5071	5.071000	6.419967	6.045310
5072	5.072000	6.413932	6.025421
5073	5.073000	6.407916	6.006496
5074	5.074000	6.401918	5.989209
5075	5.075000	6.395936	5.974206
5076	5.076000	6.389968	5.962072
5077	5.077000	6.384011	5.953291
5078	5.078000	6.378060	5.948206
5079	5.079000	6.372112	5.946980
5080	5.080000	6.366164	5.949561
5081	5.081000	6.360211	5.955639
5082	5.082000	6.354251	5.964639
5083	5.083000	6.348281	5.975759
5084	5.084000	6.342299	5.988047
5085	5.085000	6.336305	6.000466
5086	5.086000	6.330299	6.011971
5087	5.087000	6.324282	6.021574
5088	5.088000	6.318257	6.028419
5089	5.089000	6.312227	6.031849
5090	5.090000	6.306195	6.031481
5091	5.091000	6.300166	6.027272
5092	5.092000	6.294142	6.019558
5093	5.093000	6.288128	6.008999
5094	5.094000	6.282125	5.996497
5095	5.095000	6.276136	5.983112
5096	5.096000	6.270159	5.969972
5097	5.097000	6.264195	5.958188
5098	5.098000	6.258241	5.948772
5099	5.099000	6.252296	5.942545
5100	5.100000	6.246354	5.940056
5101	5.101000	6.240414	5.941495
5102	5.102000	6.234470	5.946646
5103	5.103000	6.228519	5.954930
5104	5.104000	6.222559	5.965493
5105	5.105000	6.216587	5.977280
5106	5.106000	6.210604	5.989129
5107	5.107000	6.204610	5.999842
5108	5.108000	6.198606	6.008282
5109	5.109000	6.192595	6.013443
5110	5.110000	6.186581	6.014544
5111	5.111000	6.180568	6.011104
5112	5.112000	6.174561	6.002998
5113	5.113000	6.168564	5.990428
5114	5.114000	6.162582	5.973870
5115	5.115000	6.156618	5.954019
5116	5.116000	6.150675	5.931725
5117	5.117000	6.144755	5.907944
5118	5.118000	6.138859	5.883677
5119	5.119000	6.132988	5.859913
5120	5.120000	6.127139	5.837575
5121	5.121000	6.121311	5.817459
5122	5.122000	6.115503	5.800197
5123	5.123000	6.109709	5.786250
5124	5.124000	6.103928	5.775922
5125	5.125000	6.098156	5.769365
5126	5.126000	6.092388	5.766597
5127	5.127000	6.086621	5.767510
5128	5.128000	6.080851	5.771881

5129	5.129000	6.075075	5.779382
5130	5.130000	6.069291	5.789595
5131	5.131000	6.063495	5.802020
5132	5.132000	6.057686	5.816091
5133	5.133000	6.051862	5.831194
5134	5.134000	6.046023	5.846689
5135	5.135000	6.040169	5.861936
5136	5.136000	6.034300	5.876315
5137	5.137000	6.028417	5.889249
5138	5.138000	6.022522	5.900225
5139	5.139000	6.016618	5.908820
5140	5.140000	6.010706	5.914722
5141	5.141000	6.004790	5.917750
5142	5.142000	5.998872	5.917870
5143	5.143000	5.992955	5.915183
5144	5.144000	5.987043	5.909904
5145	5.145000	5.981137	5.902340
5146	5.146000	5.975239	5.892875
5147	5.147000	5.969352	5.881940
5148	5.148000	5.963476	5.870002
5149	5.149000	5.957612	5.857534
5150	5.150000	5.951761	5.845004
5151	5.151000	5.945922	5.832844
5152	5.152000	5.940095	5.821442
5153	5.153000	5.934278	5.811124
5154	5.154000	5.928472	5.802150
5155	5.155000	5.922673	5.794707
5156	5.156000	5.916882	5.788899
5157	5.157000	5.911095	5.784741
5158	5.158000	5.905311	5.782150
5159	5.159000	5.899530	5.780942
5160	5.160000	5.893749	5.780817
5161	5.161000	5.887968	5.781359
5162	5.162000	5.882186	5.782037
5163	5.163000	5.876404	5.782236
5164	5.164000	5.870622	5.781309
5165	5.165000	5.864842	5.778614
5166	5.166000	5.859066	5.773565
5167	5.167000	5.853297	5.765676
5168	5.168000	5.847536	5.754603
5169	5.169000	5.841789	5.740195
5170	5.170000	5.836058	5.722534
5171	5.171000	5.830345	5.701983
5172	5.172000	5.824655	5.679201
5173	5.173000	5.818988	5.655093
5174	5.174000	5.813345	5.630734
5175	5.175000	5.807726	5.607288
5176	5.176000	5.802129	5.585933
5177	5.177000	5.796552	5.567779
5178	5.178000	5.790991	5.553792
5179	5.179000	5.785442	5.544717
5180	5.180000	5.779899	5.540993
5181	5.181000	5.774358	5.542686
5182	5.182000	5.768811	5.549438
5183	5.183000	5.763256	5.560524
5184	5.184000	5.757689	5.574939
5185	5.185000	5.752106	5.591481
5186	5.186000	5.746505	5.608843
5187	5.187000	5.740888	5.625701

5188	5.188000	5.735255	5.640801
5189	5.189000	5.729608	5.653047
5190	5.190000	5.723951	5.661588
5191	5.191000	5.718287	5.665910
5192	5.192000	5.712621	5.665881
5193	5.193000	5.706957	5.661723
5194	5.194000	5.701299	5.653942
5195	5.195000	5.695651	5.643258
5196	5.196000	5.690014	5.630537
5197	5.197000	5.684390	5.616721
5198	5.198000	5.678780	5.602759
5199	5.199000	5.673184	5.589539
5200	5.200000	5.667601	5.577815
5201	5.201000	5.662028	5.568143
5202	5.202000	5.656463	5.560833
5203	5.203000	5.650905	5.555962
5204	5.204000	5.645350	5.553414
5205	5.205000	5.639797	5.552909
5206	5.206000	5.634243	5.554050
5207	5.207000	5.628688	5.556352
5208	5.208000	5.623130	5.559281
5209	5.209000	5.617570	5.562296
5210	5.210000	5.612006	5.564878
5211	5.211000	5.606440	5.566573
5212	5.212000	5.600874	5.567017
5213	5.213000	5.595307	5.565938
5214	5.214000	5.589742	5.563154
5215	5.215000	5.584182	5.558566
5216	5.216000	5.578626	5.552154
5217	5.217000	5.573078	5.543965
5218	5.218000	5.567539	5.534117
5219	5.219000	5.562011	5.522784
5220	5.220000	5.556494	5.510198
5221	5.221000	5.550991	5.496637
5222	5.222000	5.545501	5.482421
5223	5.223000	5.540026	5.467897
5224	5.224000	5.534565	5.453420
5225	5.225000	5.529119	5.439340
5226	5.226000	5.523686	5.425984
5227	5.227000	5.518267	5.413637
5228	5.228000	5.512859	5.402531
5229	5.229000	5.507461	5.392823
5230	5.230000	5.502072	5.384580
5231	5.231000	5.496691	5.377765
5232	5.232000	5.491316	5.372228
5233	5.233000	5.485946	5.367724
5234	5.234000	5.480580	5.363946
5235	5.235000	5.475218	5.360548
5236	5.236000	5.469859	5.357179
5237	5.237000	5.464504	5.353506
5238	5.238000	5.459152	5.349249
5239	5.239000	5.453806	5.344206
5240	5.240000	5.448464	5.338281
5241	5.241000	5.443129	5.331517
5242	5.242000	5.437802	5.324104
5243	5.243000	5.432481	5.316364
5244	5.244000	5.427169	5.308709
5245	5.245000	5.421864	5.301614
5246	5.246000	5.416565	5.295571

5247	5.247000	5.411272	5.291064
5248	5.248000	5.405982	5.288524
5249	5.249000	5.400694	5.288300
5250	5.250000	5.395404	5.290618
5251	5.251000	5.390111	5.295551
5252	5.252000	5.384812	5.302993
5253	5.253000	5.379504	5.312678
5254	5.254000	5.374186	5.324201
5255	5.255000	5.368855	5.337054
5256	5.256000	5.363511	5.350647
5257	5.257000	5.358154	5.364343
5258	5.258000	5.352783	5.377482
5259	5.259000	5.347399	5.389410
5260	5.260000	5.342005	5.399509
5261	5.261000	5.336601	5.407223
5262	5.262000	5.331192	5.412084
5263	5.263000	5.325779	5.413719
5264	5.264000	5.320366	5.411863
5265	5.265000	5.314957	5.406356
5266	5.266000	5.309555	5.397160
5267	5.267000	5.304164	5.384357
5268	5.268000	5.298788	5.368157
5269	5.269000	5.293430	5.348907
5270	5.270000	5.288092	5.327094
5271	5.271000	5.282776	5.303354
5272	5.272000	5.277485	5.278462
5273	5.273000	5.272220	5.253298
5274	5.274000	5.266979	5.228794
5275	5.275000	5.261761	5.205889
5276	5.276000	5.256566	5.185475
5277	5.277000	5.251389	5.168350
5278	5.278000	5.246227	5.155165
5279	5.279000	5.241076	5.146378
5280	5.280000	5.235932	5.142203
5281	5.281000	5.230789	5.142557
5282	5.282000	5.225645	5.147044
5283	5.283000	5.220494	5.154992
5284	5.284000	5.215333	5.165523
5285	5.285000	5.210162	5.177621
5286	5.286000	5.204978	5.190202
5287	5.287000	5.199782	5.202179
5288	5.288000	5.194574	5.212537
5289	5.289000	5.189358	5.220399
5290	5.290000	5.184135	5.225091
5291	5.291000	5.178909	5.226216
5292	5.292000	5.173684	5.223692
5293	5.293000	5.168464	5.217721
5294	5.294000	5.163251	5.208736
5295	5.295000	5.158047	5.197341
5296	5.296000	5.152857	5.184255
5297	5.297000	5.147679	5.170254
5298	5.298000	5.142516	5.156114
5299	5.299000	5.137367	5.142552
5300	5.300000	5.132231	5.130173
5301	5.301000	5.127106	5.119407
5302	5.302000	5.121991	5.110478
5303	5.303000	5.116884	5.103417
5304	5.304000	5.111783	5.098098
5305	5.305000	5.106687	5.094275

5306	5.306000	5.101594	5.091620
5307	5.307000	5.096503	5.089757
5308	5.308000	5.091414	5.088299
5309	5.309000	5.086327	5.086889
5310	5.310000	5.081241	5.085229
5311	5.311000	5.076156	5.083123
5312	5.312000	5.071075	5.080498
5313	5.313000	5.065996	5.077390
5314	5.314000	5.060920	5.073926
5315	5.315000	5.055848	5.070299
5316	5.316000	5.050779	5.066742
5317	5.317000	5.045714	5.063504
5318	5.318000	5.040652	5.060830
5319	5.319000	5.035592	5.058934
5320	5.320000	5.030534	5.057975
5321	5.321000	5.025476	5.058036
5322	5.322000	5.020417	5.059105
5323	5.323000	5.015357	5.061088
5324	5.324000	5.010295	5.063814
5325	5.325000	5.005229	5.067059
5326	5.326000	5.000160	5.070557
5327	5.327000	4.995088	5.074013
5328	5.328000	4.990013	5.077123
5329	5.329000	4.984934	5.079585
5330	5.330000	4.979854	5.081115
5331	5.331000	4.974773	5.081464
5332	5.332000	4.969692	5.080427
5333	5.333000	4.964612	5.077852
5334	5.334000	4.959537	5.073643
5335	5.335000	4.954466	5.067765
5336	5.336000	4.949402	5.060249
5337	5.337000	4.944346	5.051194
5338	5.338000	4.939300	5.040770
5339	5.339000	4.934265	5.029227
5340	5.340000	4.929242	5.016895
5341	5.341000	4.924232	5.004188
5342	5.342000	4.919234	4.991602
5343	5.343000	4.914248	4.979688
5344	5.344000	4.909274	4.969016
5345	5.345000	4.904309	4.960145
5346	5.346000	4.899352	4.953583
5347	5.347000	4.894401	4.949760
5348	5.348000	4.889451	4.948988
5349	5.349000	4.884501	4.951427
5350	5.350000	4.879547	4.957055
5351	5.351000	4.874586	4.965631
5352	5.352000	4.869614	4.976681
5353	5.353000	4.864631	4.989536
5354	5.354000	4.859635	5.003386
5355	5.355000	4.854624	5.017338
5356	5.356000	4.849601	5.030470
5357	5.357000	4.844564	5.041891
5358	5.358000	4.839518	5.050792
5359	5.359000	4.834464	5.056511
5360	5.360000	4.829407	5.058578
5361	5.361000	4.824349	5.056783
5362	5.362000	4.819295	5.051196
5363	5.363000	4.814248	5.042141
5364	5.364000	4.809212	5.030140

5365	5.365000	4.804189	5.015854
5366	5.366000	4.799181	5.000025
5367	5.367000	4.794190	4.983422
5368	5.368000	4.789215	4.966779
5369	5.369000	4.784256	4.950745
5370	5.370000	4.779313	4.935818
5371	5.371000	4.774383	4.922296
5372	5.372000	4.769467	4.910241
5373	5.373000	4.764562	4.899507
5374	5.374000	4.759668	4.889796
5375	5.375000	4.754782	4.880707
5376	5.376000	4.749906	4.871790
5377	5.377000	4.745039	4.862602
5378	5.378000	4.740181	4.852759
5379	5.379000	4.735334	4.841986
5380	5.380000	4.730498	4.830175
5381	5.381000	4.725674	4.817434
5382	5.382000	4.720863	4.804116
5383	5.383000	4.716066	4.790779
5384	5.384000	4.711281	4.778123
5385	5.385000	4.706509	4.766924
5386	5.386000	4.701746	4.757975
5387	5.387000	4.696991	4.752012
5388	5.388000	4.692241	4.749656
5389	5.389000	4.687490	4.751349
5390	5.390000	4.682736	4.757284
5391	5.391000	4.677973	4.767346
5392	5.392000	4.673199	4.781077
5393	5.393000	4.668410	4.797725
5394	5.394000	4.663603	4.816318
5395	5.395000	4.658777	4.835743
5396	5.396000	4.653932	4.854826
5397	5.397000	4.649068	4.872411
5398	5.398000	4.644188	4.887433
5399	5.399000	4.639295	4.899002
5400	5.400000	4.634392	4.906479
5401	5.401000	4.629484	4.909555
5402	5.402000	4.624575	4.908292
5403	5.403000	4.619669	4.903087
5404	5.404000	4.614771	4.894603
5405	5.405000	4.609881	4.883694
5406	5.406000	4.605004	4.871338
5407	5.407000	4.600139	4.858561
5408	5.408000	4.595286	4.846366
5409	5.409000	4.590445	4.835664
5410	5.410000	4.585614	4.827198
5411	5.411000	4.580790	4.821479
5412	5.412000	4.575970	4.818731
5413	5.413000	4.571151	4.818920
5414	5.414000	4.566330	4.821791
5415	5.415000	4.561506	4.826914
5416	5.416000	4.556676	4.833734
5417	5.417000	4.551838	4.841607
5418	5.418000	4.546992	4.849856
5419	5.419000	4.542138	4.857807
5420	5.420000	4.537277	4.864839
5421	5.421000	4.532410	4.870425
5422	5.422000	4.527537	4.874168
5423	5.423000	4.522662	4.875800

5424	5.424000	4.517787	4.875167
5425	5.425000	4.512913	4.872222
5426	5.426000	4.508043	4.867005
5427	5.427000	4.503180	4.859637
5428	5.428000	4.498325	4.850305
5429	5.429000	4.493480	4.839249
5430	5.430000	4.488647	4.826749
5431	5.431000	4.483827	4.813113
5432	5.432000	4.479022	4.798666
5433	5.433000	4.474230	4.783734
5434	5.434000	4.469454	4.768638
5435	5.435000	4.464693	4.753678
5436	5.436000	4.459947	4.739123
5437	5.437000	4.455214	4.725200
5438	5.438000	4.450496	4.712082
5439	5.439000	4.445790	4.699873
5440	5.440000	4.441096	4.688604
5441	5.441000	4.436412	4.678214
5442	5.442000	4.431739	4.668551
5443	5.443000	4.427075	4.659389
5444	5.444000	4.422420	4.650453
5445	5.445000	4.417774	4.641448
5446	5.446000	4.413137	4.632080
5447	5.447000	4.408510	4.622089
5448	5.448000	4.403893	4.611271
5449	5.449000	4.399288	4.599505
5450	5.450000	4.394695	4.586778
5451	5.451000	4.390115	4.573216
5452	5.452000	4.385549	4.559089
5453	5.453000	4.380997	4.544795
5454	5.454000	4.376459	4.530822
5455	5.455000	4.371935	4.517713
5456	5.456000	4.367423	4.506030
5457	5.457000	4.362922	4.496318
5458	5.458000	4.358429	4.489072
5459	5.459000	4.353942	4.484696
5460	5.460000	4.349458	4.483471
5461	5.461000	4.344974	4.485519
5462	5.462000	4.340485	4.490782
5463	5.463000	4.335990	4.499033
5464	5.464000	4.331486	4.509900
5465	5.465000	4.326970	4.522896
5466	5.466000	4.322439	4.537442
5467	5.467000	4.317894	4.552895
5468	5.468000	4.313334	4.568573
5469	5.469000	4.308757	4.583780
5470	5.470000	4.304167	4.597835
5471	5.471000	4.299563	4.610096
5472	5.472000	4.294948	4.619983
5473	5.473000	4.290324	4.626996
5474	5.474000	4.285695	4.630728
5475	5.475000	4.281064	4.630879
5476	5.476000	4.276435	4.627268
5477	5.477000	4.271812	4.619849
5478	5.478000	4.267197	4.608726
5479	5.479000	4.262596	4.594161
5480	5.480000	4.258011	4.576594
5481	5.481000	4.253444	4.556652
5482	5.482000	4.248898	4.535148

5483	5.483000	4.244374	4.513039
5484	5.484000	4.239872	4.491360
5485	5.485000	4.235391	4.471172
5486	5.486000	4.230928	4.453497
5487	5.487000	4.226482	4.439257
5488	5.488000	4.222048	4.429218
5489	5.489000	4.217621	4.423925
5490	5.490000	4.213197	4.423646
5491	5.491000	4.208771	4.428311
5492	5.492000	4.204338	4.437481
5493	5.493000	4.199894	4.450400
5494	5.494000	4.195436	4.466075
5495	5.495000	4.190962	4.483350
5496	5.496000	4.186469	4.500991
5497	5.497000	4.181960	4.517763
5498	5.498000	4.177435	4.532514
5499	5.499000	4.172896	4.544250
5500	5.500000	4.168348	4.552218
5501	5.501000	4.163794	4.555984
5502	5.502000	4.159238	4.555478
5503	5.503000	4.154685	4.550961
5504	5.504000	4.150138	4.542955
5505	5.505000	4.145601	4.532173
5506	5.506000	4.141075	4.519450
5507	5.507000	4.136562	4.505674
5508	5.508000	4.132064	4.491717
5509	5.509000	4.127579	4.478364
5510	5.510000	4.123106	4.466243
5511	5.511000	4.118645	4.455761
5512	5.512000	4.114194	4.447057
5513	5.513000	4.109750	4.440029
5514	5.514000	4.105313	4.434392
5515	5.515000	4.100881	4.429725
5516	5.516000	4.096453	4.425530
5517	5.517000	4.092030	4.421284
5518	5.518000	4.087611	4.416493
5519	5.519000	4.083197	4.410747
5520	5.520000	4.078790	4.403773
5521	5.521000	4.074391	4.395488
5522	5.522000	4.070000	4.386030
5523	5.523000	4.065619	4.375732
5524	5.524000	4.061249	4.365071
5525	5.525000	4.056889	4.354619
5526	5.526000	4.052539	4.344991
5527	5.527000	4.048198	4.336796
5528	5.528000	4.043864	4.330587
5529	5.529000	4.039536	4.326807
5530	5.530000	4.035209	4.325744
5531	5.531000	4.030883	4.327480
5532	5.532000	4.026553	4.331858
5533	5.533000	4.022218	4.338514
5534	5.534000	4.017875	4.346919
5535	5.535000	4.013523	4.356429
5536	5.536000	4.009162	4.366333
5537	5.537000	4.004791	4.375897
5538	5.538000	4.000411	4.384415
5539	5.539000	3.996023	4.391255
5540	5.540000	3.991629	4.395907
5541	5.541000	3.987232	4.398029

5542	5.542000	3.982835	4.397479
5543	5.543000	3.978439	4.394295
5544	5.544000	3.974047	4.388666
5545	5.545000	3.969663	4.380899
5546	5.546000	3.965286	4.371382
5547	5.547000	3.960920	4.360552
5548	5.548000	3.956566	4.348866
5549	5.549000	3.952223	4.336759
5550	5.550000	3.947892	4.324619
5551	5.551000	3.943574	4.312747
5552	5.552000	3.939266	4.301343
5553	5.553000	3.934971	4.290507
5554	5.554000	3.930685	4.280265
5555	5.555000	3.926410	4.270589
5556	5.556000	3.922144	4.261417
5557	5.557000	3.917887	4.252674
5558	5.558000	3.913638	4.244295
5559	5.559000	3.909398	4.236242
5560	5.560000	3.905166	4.228531
5561	5.561000	3.900941	4.221246
5562	5.562000	3.896723	4.214554
5563	5.563000	3.892511	4.208688
5564	5.564000	3.888305	4.203922
5565	5.565000	3.884103	4.200541
5566	5.566000	3.879903	4.198820
5567	5.567000	3.875704	4.198992
5568	5.568000	3.871504	4.201228
5569	5.569000	3.867300	4.205604
5570	5.570000	3.863092	4.212080
5571	5.571000	3.858875	4.220471
5572	5.572000	3.854650	4.230437
5573	5.573000	3.850414	4.241505
5574	5.574000	3.846167	4.253105
5575	5.575000	3.841908	4.264609
5576	5.576000	3.837638	4.275371
5577	5.577000	3.833358	4.284758
5578	5.578000	3.829069	4.292192
5579	5.579000	3.824775	4.297190
5580	5.580000	3.820476	4.299395
5581	5.581000	3.816177	4.298616
5582	5.582000	3.811881	4.294853
5583	5.583000	3.807589	4.288275
5584	5.584000	3.803305	4.279193
5585	5.585000	3.799032	4.268025
5586	5.586000	3.794770	4.255267
5587	5.587000	3.790522	4.241458
5588	5.588000	3.786287	4.227149
5589	5.589000	3.782067	4.212873
5590	5.590000	3.777861	4.199109
5591	5.591000	3.773669	4.186255
5592	5.592000	3.769488	4.174601
5593	5.593000	3.765319	4.164336
5594	5.594000	3.761159	4.155562
5595	5.595000	3.757007	4.148299
5596	5.596000	3.752861	4.142510
5597	5.597000	3.748721	4.138101
5598	5.598000	3.744585	4.134947
5599	5.599000	3.740451	4.132895
5600	5.600000	3.736318	4.131781

5601	5.601000	3.732187	4.131447
5602	5.602000	3.728055	4.131741
5603	5.603000	3.723923	4.132523
5604	5.604000	3.719790	4.133662
5605	5.605000	3.715656	4.135024
5606	5.606000	3.711520	4.136474
5607	5.607000	3.707383	4.137869
5608	5.608000	3.703244	4.139051
5609	5.609000	3.699105	4.139849
5610	5.610000	3.694965	4.140066
5611	5.611000	3.690825	4.139481
5612	5.612000	3.686686	4.137847
5613	5.613000	3.682550	4.134908
5614	5.614000	3.678417	4.130415
5615	5.615000	3.674290	4.124155
5616	5.616000	3.670170	4.115964
5617	5.617000	3.666059	4.105752
5618	5.618000	3.661959	4.093522
5619	5.619000	3.657873	4.079393
5620	5.620000	3.653802	4.063618
5621	5.621000	3.649746	4.046608
5622	5.622000	3.645709	4.028930
5623	5.623000	3.641689	4.011284
5624	5.624000	3.637686	3.994442
5625	5.625000	3.633699	3.979209
5626	5.626000	3.629726	3.966364
5627	5.627000	3.625765	3.956619
5628	5.628000	3.621811	3.950563
5629	5.629000	3.617861	3.948614
5630	5.630000	3.613912	3.950970
5631	5.631000	3.609957	3.957563
5632	5.632000	3.605995	3.968027
5633	5.633000	3.602020	3.981741
5634	5.634000	3.598030	3.997886
5635	5.635000	3.594023	4.015505
5636	5.636000	3.589999	4.033568
5637	5.637000	3.585956	4.051026
5638	5.638000	3.581897	4.066879
5639	5.639000	3.577824	4.080234
5640	5.640000	3.573738	4.090362
5641	5.641000	3.569645	4.096767
5642	5.642000	3.565547	4.099215
5643	5.643000	3.561448	4.097723
5644	5.644000	3.557353	4.092517
5645	5.645000	3.553265	4.083994
5646	5.646000	3.549187	4.072683
5647	5.647000	3.545121	4.059201
5648	5.648000	3.541069	4.044219
5649	5.649000	3.537033	4.028417
5650	5.650000	3.533012	4.012449
5651	5.651000	3.529008	3.996900
5652	5.652000	3.525018	3.982259
5653	5.653000	3.521043	3.968913
5654	5.654000	3.517079	3.957149
5655	5.655000	3.513127	3.947165
5656	5.656000	3.509184	3.939071
5657	5.657000	3.505248	3.932897
5658	5.658000	3.501317	3.928593
5659	5.659000	3.497390	3.926040

5660	5.660000	3.493465	3.925055
5661	5.661000	3.489539	3.925390
5662	5.662000	3.485613	3.926748
5663	5.663000	3.481686	3.928794
5664	5.664000	3.477756	3.931175
5665	5.665000	3.473823	3.933538
5666	5.666000	3.469889	3.935553
5667	5.667000	3.465952	3.936923
5668	5.668000	3.462015	3.937413
5669	5.669000	3.458078	3.936861
5670	5.670000	3.454142	3.935202
5671	5.671000	3.450208	3.932483
5672	5.672000	3.446278	3.928871
5673	5.673000	3.442351	3.924636
5674	5.674000	3.438428	3.920121
5675	5.675000	3.434511	3.915707
5676	5.676000	3.430597	3.911788
5677	5.677000	3.426687	3.908739
5678	5.678000	3.422779	3.906886
5679	5.679000	3.418872	3.906473
5680	5.680000	3.414965	3.907635
5681	5.681000	3.411056	3.910367
5682	5.682000	3.407144	3.914509
5683	5.683000	3.403226	3.919763
5684	5.684000	3.399304	3.925731
5685	5.685000	3.395375	3.931948
5686	5.686000	3.391440	3.937916
5687	5.687000	3.387499	3.943140
5688	5.688000	3.383554	3.947161
5689	5.689000	3.379606	3.949592
5690	5.690000	3.375656	3.950152
5691	5.691000	3.371707	3.948700
5692	5.692000	3.367760	3.945256
5693	5.693000	3.363817	3.939984
5694	5.694000	3.359880	3.933165
5695	5.695000	3.355951	3.925166
5696	5.696000	3.352030	3.916407
5697	5.697000	3.348119	3.907339
5698	5.698000	3.344216	3.898407
5699	5.699000	3.340321	3.890022
5700	5.700000	3.336435	3.882534
5701	5.701000	3.332556	3.876197
5702	5.702000	3.328682	3.871157
5703	5.703000	3.324813	3.867451
5704	5.704000	3.320947	3.865026
5705	5.705000	3.317082	3.863753
5706	5.706000	3.313219	3.863446
5707	5.707000	3.309355	3.863875
5708	5.708000	3.305491	3.864784
5709	5.709000	3.301625	3.865905
5710	5.710000	3.297759	3.866977
5711	5.711000	3.293891	3.867759
5712	5.712000	3.290024	3.868043
5713	5.713000	3.286156	3.867660
5714	5.714000	3.282289	3.866479
5715	5.715000	3.278423	3.864406
5716	5.716000	3.274560	3.861388
5717	5.717000	3.270701	3.857413
5718	5.718000	3.266846	3.852506

5719	5.719000	3.262996	3.846735
5720	5.720000	3.259153	3.840209
5721	5.721000	3.255316	3.833079
5722	5.722000	3.251487	3.825534
5723	5.723000	3.247665	3.817792
5724	5.724000	3.243851	3.810086
5725	5.725000	3.240045	3.802650
5726	5.726000	3.236246	3.795707
5727	5.727000	3.232453	3.789452
5728	5.728000	3.228666	3.784040
5729	5.729000	3.224885	3.779573
5730	5.730000	3.221107	3.776087
5731	5.731000	3.217332	3.773536
5732	5.732000	3.213559	3.771786
5733	5.733000	3.209788	3.770633
5734	5.734000	3.206018	3.769821
5735	5.735000	3.202248	3.769062
5736	5.736000	3.198480	3.768061
5737	5.737000	3.194713	3.766538
5738	5.738000	3.190947	3.764244
5739	5.739000	3.187185	3.760991
5740	5.740000	3.183426	3.756664
5741	5.741000	3.179672	3.751252
5742	5.742000	3.175924	3.744850
5743	5.743000	3.172182	3.737651
5744	5.744000	3.168449	3.729911
5745	5.745000	3.164723	3.721928
5746	5.746000	3.161005	3.714013
5747	5.747000	3.157295	3.706463
5748	5.748000	3.153592	3.699533
5749	5.749000	3.149895	3.693410
5750	5.750000	3.146204	3.688185
5751	5.751000	3.142518	3.683830
5752	5.752000	3.138836	3.680179
5753	5.753000	3.135158	3.676951
5754	5.754000	3.131482	3.673787
5755	5.755000	3.127810	3.670279
5756	5.756000	3.124142	3.666008
5757	5.757000	3.120479	3.660577
5758	5.758000	3.116822	3.653645
5759	5.759000	3.113172	3.644963
5760	5.760000	3.109533	3.634406
5761	5.761000	3.105905	3.622010
5762	5.762000	3.102290	3.607985
5763	5.763000	3.098689	3.592703
5764	5.764000	3.095105	3.576658
5765	5.765000	3.091536	3.560432
5766	5.766000	3.087983	3.544662
5767	5.767000	3.084446	3.530002
5768	5.768000	3.080923	3.517089
5769	5.769000	3.077411	3.506509
5770	5.770000	3.073908	3.498759
5771	5.771000	3.070412	3.494217
5772	5.772000	3.066918	3.493111
5773	5.773000	3.063424	3.495523
5774	5.774000	3.059925	3.501398
5775	5.775000	3.056419	3.510551
5776	5.776000	3.052903	3.522678
5777	5.777000	3.049373	3.537368

5778	5.778000	3.045827	3.554109
5779	5.779000	3.042264	3.572300
5780	5.780000	3.038682	3.591260
5781	5.781000	3.035081	3.610237
5782	5.782000	3.031462	3.628426
5783	5.783000	3.027825	3.645003
5784	5.784000	3.024173	3.659160
5785	5.785000	3.020508	3.670149
5786	5.786000	3.016835	3.677319
5787	5.787000	3.013156	3.680157
5788	5.788000	3.009477	3.678327
5789	5.789000	3.005802	3.671711
5790	5.790000	3.002136	3.660447
5791	5.791000	2.998483	3.644967
5792	5.792000	2.994847	3.626013
5793	5.793000	2.991232	3.604581
5794	5.794000	2.987639	3.581844
5795	5.795000	2.984068	3.559073
5796	5.796000	2.980520	3.537556
5797	5.797000	2.976992	3.518520
5798	5.798000	2.973481	3.503049
5799	5.799000	2.969984	3.492009
5800	5.800000	2.966495	3.485964
5801	5.801000	2.963009	3.485098
5802	5.802000	2.959522	3.489177
5803	5.803000	2.956029	3.497594
5804	5.804000	2.952525	3.509457
5805	5.805000	2.949009	3.523670
5806	5.806000	2.945477	3.539029
5807	5.807000	2.941931	3.554298
5808	5.808000	2.938369	3.568304
5809	5.809000	2.934795	3.580018
5810	5.810000	2.931211	3.588643
5811	5.811000	2.927620	3.593701
5812	5.812000	2.924025	3.595081
5813	5.813000	2.920431	3.593004
5814	5.814000	2.916841	3.587952
5815	5.815000	2.913256	3.580593
5816	5.816000	2.909680	3.571713
5817	5.817000	2.906113	3.562140
5818	5.818000	2.902556	3.552672
5819	5.819000	2.899008	3.544005
5820	5.820000	2.895467	3.536662
5821	5.821000	2.891933	3.530919
5822	5.822000	2.888405	3.526767
5823	5.823000	2.884879	3.523940
5824	5.824000	2.881356	3.521987
5825	5.825000	2.877835	3.520332
5826	5.826000	2.874316	3.518340
5827	5.827000	2.870799	3.515382
5828	5.828000	2.867286	3.510904
5829	5.829000	2.863778	3.504485
5830	5.830000	2.860278	3.495908
5831	5.831000	2.856787	3.485224
5832	5.832000	2.853308	3.472781
5833	5.833000	2.849842	3.459187
5834	5.834000	2.846390	3.445234
5835	5.835000	2.842952	3.431827
5836	5.836000	2.839526	3.419908

5837	5.837000	2.836111	3.410383
5838	5.838000	2.832703	3.404047
5839	5.839000	2.829301	3.401515
5840	5.840000	2.825898	3.403143
5841	5.841000	2.822492	3.408957
5842	5.842000	2.819078	3.418614
5843	5.843000	2.815653	3.431445
5844	5.844000	2.812214	3.446527
5845	5.845000	2.808760	3.462760
5846	5.846000	2.805289	3.478944
5847	5.847000	2.801803	3.493854
5848	5.848000	2.798302	3.506315
5849	5.849000	2.794792	3.515281
5850	5.850000	2.791274	3.519906
5851	5.851000	2.787754	3.519623
5852	5.852000	2.784237	3.514192
5853	5.853000	2.780728	3.503682
5854	5.854000	2.777232	3.488429
5855	5.855000	2.773754	3.468991
5856	5.856000	2.770296	3.446107
5857	5.857000	2.766863	3.420650
5858	5.858000	2.763456	3.393585
5859	5.859000	2.760076	3.365924
5860	5.860000	2.756724	3.338683
5861	5.861000	2.753398	3.312837
5862	5.862000	2.750097	3.289284
5863	5.863000	2.746818	3.268822
5864	5.864000	2.743557	3.252128
5865	5.865000	2.740311	3.239747
5866	5.866000	2.737075	3.232067
5867	5.867000	2.733845	3.229310
5868	5.868000	2.730614	3.231507
5869	5.869000	2.727379	3.238488
5870	5.870000	2.724135	3.249860
5871	5.871000	2.720878	3.264992
5872	5.872000	2.717604	3.283018
5873	5.873000	2.714311	3.302885
5874	5.874000	2.710998	3.323423
5875	5.875000	2.707664	3.343414
5876	5.876000	2.704312	3.361660
5877	5.877000	2.700942	3.377054
5878	5.878000	2.697559	3.388647
5879	5.879000	2.694167	3.395720
5880	5.880000	2.690770	3.397849
5881	5.881000	2.687374	3.394977
5882	5.882000	2.683983	3.387448
5883	5.883000	2.680601	3.375950
5884	5.884000	2.677232	3.361437
5885	5.885000	2.673879	3.345036
5886	5.886000	2.670543	3.327967
5887	5.887000	2.667223	3.311447
5888	5.888000	2.663919	3.296612
5889	5.889000	2.660628	3.284427
5890	5.890000	2.657348	3.275598
5891	5.891000	2.654075	3.270487
5892	5.892000	2.650806	3.269066
5893	5.893000	2.647536	3.270953
5894	5.894000	2.644262	3.275491
5895	5.895000	2.640984	3.281828

5896	5.896000	2.637698	3.288992
5897	5.897000	2.634406	3.295971
5898	5.898000	2.631107	3.301791
5899	5.899000	2.627803	3.305595
5900	5.900000	2.624497	3.306718
5901	5.901000	2.621191	3.304769
5902	5.902000	2.617889	3.299673
5903	5.903000	2.614593	3.291649
5904	5.904000	2.611307	3.281145
5905	5.905000	2.608032	3.268786
5906	5.906000	2.604770	3.255310
5907	5.907000	2.601522	3.241514
5908	5.908000	2.598287	3.228189
5909	5.909000	2.595065	3.216067
5910	5.910000	2.591854	3.205758
5911	5.911000	2.588652	3.197694
5912	5.912000	2.585457	3.192091
5913	5.913000	2.582267	3.188959
5914	5.914000	2.579078	3.188142
5915	5.915000	2.575889	3.189345
5916	5.916000	2.572699	3.192171
5917	5.917000	2.569504	3.196157
5918	5.918000	2.566306	3.200804
5919	5.919000	2.563103	3.205615
5920	5.920000	2.559895	3.210126
5921	5.921000	2.556683	3.213942
5922	5.922000	2.553467	3.216761
5923	5.923000	2.550250	3.218372
5924	5.924000	2.547031	3.218647
5925	5.925000	2.543813	3.217533
5926	5.926000	2.540597	3.215040
5927	5.927000	2.537384	3.211232
5928	5.928000	2.534175	3.206217
5929	5.929000	2.530972	3.200139
5930	5.930000	2.527775	3.193166
5931	5.931000	2.524586	3.185482
5932	5.932000	2.521405	3.177278
5933	5.933000	2.518232	3.168750
5934	5.934000	2.515067	3.160095
5935	5.935000	2.511911	3.151511
5936	5.936000	2.508764	3.143196
5937	5.937000	2.505625	3.135342
5938	5.938000	2.502493	3.128141
5939	5.939000	2.499368	3.121773
5940	5.940000	2.496249	3.116415
5941	5.941000	2.493135	3.112231
5942	5.942000	2.490024	3.109372
5943	5.943000	2.486915	3.107973
5944	5.944000	2.483807	3.108135
5945	5.945000	2.480698	3.109927
5946	5.946000	2.477586	3.113373
5947	5.947000	2.474470	3.118444
5948	5.948000	2.471349	3.125050
5949	5.949000	2.468220	3.133032
5950	5.950000	2.465082	3.142154
5951	5.951000	2.461935	3.152095
5952	5.952000	2.458778	3.162447
5953	5.953000	2.455610	3.172739
5954	5.954000	2.452433	3.182456

5955	5.955000	2.449246	3.191072
5956	5.956000	2.446051	3.198071
5957	5.957000	2.442851	3.202981
5958	5.958000	2.439646	3.205393
5959	5.959000	2.436441	3.204992
5960	5.960000	2.433238	3.201586
5961	5.961000	2.430040	3.195124
5962	5.962000	2.426849	3.185718
5963	5.963000	2.423670	3.173626
5964	5.964000	2.420503	3.159218
5965	5.965000	2.417352	3.142954
5966	5.966000	2.414218	3.125352
5967	5.967000	2.411102	3.106958
5968	5.968000	2.408004	3.088322
5969	5.969000	2.404925	3.069964
5970	5.970000	2.401864	3.052348
5971	5.971000	2.398820	3.035855
5972	5.972000	2.395791	3.020760
5973	5.973000	2.392777	3.007239
5974	5.974000	2.389776	2.995376
5975	5.975000	2.386786	2.985180
5976	5.976000	2.383805	2.976598
5977	5.977000	2.380832	2.969520
5978	5.978000	2.377865	2.963802
5979	5.979000	2.374904	2.959267
5980	5.980000	2.371946	2.955728
5981	5.981000	2.368992	2.952994
5982	5.982000	2.366040	2.950879
5983	5.983000	2.363090	2.949213
5984	5.984000	2.360141	2.947840
5985	5.985000	2.357194	2.946620
5986	5.986000	2.354248	2.945438
5987	5.987000	2.351303	2.944197
5988	5.988000	2.348360	2.942830
5989	5.989000	2.345418	2.941298
5990	5.990000	2.342477	2.939593
5991	5.991000	2.339539	2.937740
5992	5.992000	2.336602	2.935801
5993	5.993000	2.333667	2.933863
5994	5.994000	2.330734	2.932033
5995	5.995000	2.327803	2.930429
5996	5.996000	2.324873	2.929170
5997	5.997000	2.321944	2.928366
5998	5.998000	2.319016	2.928111
5999	5.999000	2.316088	2.928474
6000	6.000000	2.313159	2.929489
6001	6.001000	2.310228	2.931148
6002	6.002000	2.307296	2.933392
6003	6.003000	2.304361	2.936125
6004	6.004000	2.301424	2.939219
6005	6.005000	2.298483	2.942528
6006	6.006000	2.295539	2.945901
6007	6.007000	2.292591	2.949189
6008	6.008000	2.289640	2.952259
6009	6.009000	2.286687	2.955006
6010	6.010000	2.283730	2.957364
6011	6.011000	2.280772	2.959315
6012	6.012000	2.277812	2.960897
6013	6.013000	2.274850	2.962193

6014	6.014000	2.271888	2.963319
6015	6.015000	2.268924	2.964406
6016	6.016000	2.265959	2.965587
6017	6.017000	2.262993	2.966980
6018	6.018000	2.260025	2.968677
6019	6.019000	2.257055	2.970723
6020	6.020000	2.254083	2.973109
6021	6.021000	2.251109	2.975749
6022	6.022000	2.248132	2.978479
6023	6.023000	2.245152	2.981068
6024	6.024000	2.242170	2.983242
6025	6.025000	2.239186	2.984704
6026	6.026000	2.236201	2.985156
6027	6.027000	2.233216	2.984320
6028	6.028000	2.230233	2.981965
6029	6.029000	2.227253	2.977921
6030	6.030000	2.224278	2.972108
6031	6.031000	2.221310	2.964555
6032	6.032000	2.218350	2.955408
6033	6.033000	2.215399	2.944924
6034	6.034000	2.212460	2.933440
6035	6.035000	2.209533	2.921352
6036	6.036000	2.206618	2.909092
6037	6.037000	2.203715	2.897101
6038	6.038000	2.200823	2.885807
6039	6.039000	2.197942	2.875599
6040	6.040000	2.195071	2.866808
6041	6.041000	2.192208	2.859673
6042	6.042000	2.189351	2.854338
6043	6.043000	2.186498	2.850844
6044	6.044000	2.183648	2.849151
6045	6.045000	2.180799	2.849144
6046	6.046000	2.177949	2.850649
6047	6.047000	2.175097	2.853445
6048	6.048000	2.172242	2.857276
6049	6.049000	2.169382	2.861862
6050	6.050000	2.166518	2.866915
6051	6.051000	2.163648	2.872150
6052	6.052000	2.160774	2.877293
6053	6.053000	2.157894	2.882091
6054	6.054000	2.155010	2.886311
6055	6.055000	2.152122	2.889744
6056	6.056000	2.149231	2.892212
6057	6.057000	2.146338	2.893566
6058	6.058000	2.143444	2.893691
6059	6.059000	2.140551	2.892510
6060	6.060000	2.137660	2.889987
6061	6.061000	2.134772	2.886130
6062	6.062000	2.131888	2.880991
6063	6.063000	2.129010	2.874664
6064	6.064000	2.126140	2.867282
6065	6.065000	2.123276	2.859006
6066	6.066000	2.120422	2.850026
6067	6.067000	2.117577	2.840555
6068	6.068000	2.114741	2.830821
6069	6.069000	2.111915	2.821063
6070	6.070000	2.109099	2.811527
6071	6.071000	2.106292	2.802463
6072	6.072000	2.103493	2.794113

6073	6.073000	2.100703	2.786707
6074	6.074000	2.097919	2.780452
6075	6.075000	2.095141	2.775525
6076	6.076000	2.092368	2.772055
6077	6.077000	2.089596	2.770125
6078	6.078000	2.086827	2.769754
6079	6.079000	2.084056	2.770888
6080	6.080000	2.081284	2.773394
6081	6.081000	2.078509	2.777049
6082	6.082000	2.075730	2.781538
6083	6.083000	2.072946	2.786473
6084	6.084000	2.070157	2.791425
6085	6.085000	2.067363	2.795947
6086	6.086000	2.064565	2.799607
6087	6.087000	2.061764	2.802014
6088	6.088000	2.058962	2.802847
6089	6.089000	2.056160	2.801884
6090	6.090000	2.053359	2.799028
6091	6.091000	2.050562	2.794337
6092	6.092000	2.047771	2.788039
6093	6.093000	2.044987	2.780503
6094	6.094000	2.042211	2.772202
6095	6.095000	2.039443	2.763676
6096	6.096000	2.036683	2.755488
6097	6.097000	2.033931	2.748190
6098	6.098000	2.031186	2.742276
6099	6.099000	2.028446	2.738150
6100	6.100000	2.025709	2.736084
6101	6.101000	2.022973	2.736174
6102	6.102000	2.020235	2.738327
6103	6.103000	2.017495	2.742272
6104	6.104000	2.014750	2.747605
6105	6.105000	2.011999	2.753819
6106	6.106000	2.009242	2.760346
6107	6.107000	2.006479	2.766592
6108	6.108000	2.003710	2.771978
6109	6.109000	2.000936	2.775972
6110	6.110000	1.998158	2.778129
6111	6.111000	1.995380	2.778132
6112	6.112000	1.992603	2.775808
6113	6.113000	1.989830	2.771129
6114	6.114000	1.987062	2.764190
6115	6.115000	1.984303	2.755193
6116	6.116000	1.981553	2.744423
6117	6.117000	1.978814	2.732234
6118	6.118000	1.976089	2.719027
6119	6.119000	1.973377	2.705234
6120	6.120000	1.970678	2.691295
6121	6.121000	1.967994	2.677642
6122	6.122000	1.965323	2.664682
6123	6.123000	1.962664	2.652786
6124	6.124000	1.960017	2.642281
6125	6.125000	1.957379	2.633444
6126	6.126000	1.954749	2.626492
6127	6.127000	1.952125	2.621573
6128	6.128000	1.949504	2.618763
6129	6.129000	1.946886	2.618053
6130	6.130000	1.944267	2.619343
6131	6.131000	1.941646	2.622437

6132	6.132000	1.939022	2.627037
6133	6.133000	1.936392	2.632769
6134	6.134000	1.933756	2.639200
6135	6.135000	1.931113	2.645873
6136	6.136000	1.928464	2.652328
6137	6.137000	1.925809	2.658130
6138	6.138000	1.923148	2.662893
6139	6.139000	1.920484	2.666311
6140	6.140000	1.917817	2.668178
6141	6.141000	1.915148	2.668419
6142	6.142000	1.912481	2.667102
6143	6.143000	1.909815	2.664417
6144	6.144000	1.907152	2.660652
6145	6.145000	1.904494	2.656158
6146	6.146000	1.901840	2.651319
6147	6.147000	1.899191	2.646524
6148	6.148000	1.896547	2.642136
6149	6.149000	1.893907	2.638459
6150	6.150000	1.891270	2.635711
6151	6.151000	1.888635	2.633990
6152	6.152000	1.886001	2.633262
6153	6.153000	1.883368	2.633372
6154	6.154000	1.880734	2.634073
6155	6.155000	1.878099	2.635053
6156	6.156000	1.875464	2.635966
6157	6.157000	1.872828	2.636455
6158	6.158000	1.870191	2.636187
6159	6.159000	1.867556	2.634875
6160	6.160000	1.864922	2.632308
6161	6.161000	1.862292	2.628382
6162	6.162000	1.859666	2.623110
6163	6.163000	1.857046	2.616618
6164	6.164000	1.854433	2.609118
6165	6.165000	1.851828	2.600890
6166	6.166000	1.849232	2.592252
6167	6.167000	1.846644	2.583548
6168	6.168000	1.844065	2.575115
6169	6.169000	1.841493	2.567270
6170	6.170000	1.838930	2.560280
6171	6.171000	1.836372	2.554344
6172	6.172000	1.833820	2.549578
6173	6.173000	1.831273	2.546014
6174	6.174000	1.828728	2.543618
6175	6.175000	1.826185	2.542294
6176	6.176000	1.823643	2.541898
6177	6.177000	1.821101	2.542250
6178	6.178000	1.818558	2.543142
6179	6.179000	1.816014	2.544350
6180	6.180000	1.813469	2.545646
6181	6.181000	1.810923	2.546807
6182	6.182000	1.808376	2.547626
6183	6.183000	1.805828	2.547918
6184	6.184000	1.803280	2.547526
6185	6.185000	1.800733	2.546325
6186	6.186000	1.798188	2.544230
6187	6.187000	1.795645	2.541197
6188	6.188000	1.793106	2.537234
6189	6.189000	1.790571	2.532403
6190	6.190000	1.788042	2.526825

6191	6.191000	1.785518	2.520687
6192	6.192000	1.783000	2.514239
6193	6.193000	1.780489	2.507781
6194	6.194000	1.777985	2.501634
6195	6.195000	1.775486	2.496124
6196	6.196000	1.772992	2.491553
6197	6.197000	1.770502	2.488180
6198	6.198000	1.768015	2.486195
6199	6.199000	1.765529	2.485699
6200	6.200000	1.763043	2.486677
6201	6.201000	1.760555	2.488979
6202	6.202000	1.758064	2.492309
6203	6.203000	1.755570	2.496251
6204	6.204000	1.753072	2.500304
6205	6.205000	1.750570	2.503924
6206	6.206000	1.748064	2.506564
6207	6.207000	1.745557	2.507707
6208	6.208000	1.743050	2.506909
6209	6.209000	1.740545	2.503839
6210	6.210000	1.738044	2.498311
6211	6.211000	1.735549	2.490331
6212	6.212000	1.733064	2.480110
6213	6.213000	1.730590	2.468042
6214	6.214000	1.728129	2.454663
6215	6.215000	1.725681	2.440605
6216	6.216000	1.723247	2.426554
6217	6.217000	1.720828	2.413210
6218	6.218000	1.718420	2.401238
6219	6.219000	1.716024	2.391229
6220	6.220000	1.713637	2.383658
6221	6.221000	1.711255	2.378836
6222	6.222000	1.708878	2.376889
6223	6.223000	1.706500	2.377767
6224	6.224000	1.704121	2.381274
6225	6.225000	1.701736	2.387098
6226	6.226000	1.699346	2.394838
6227	6.227000	1.696946	2.404035
6228	6.228000	1.694537	2.414197
6229	6.229000	1.692117	2.424835
6230	6.230000	1.689687	2.435487
6231	6.231000	1.687247	2.445747
6232	6.232000	1.684796	2.455287
6233	6.233000	1.682337	2.463855
6234	6.234000	1.679869	2.471268
6235	6.235000	1.677395	2.477398
6236	6.236000	1.674915	2.482167
6237	6.237000	1.672431	2.485534
6238	6.238000	1.669945	2.487489
6239	6.239000	1.667457	2.488040
6240	6.240000	1.664969	2.487205
6241	6.241000	1.662483	2.485002
6242	6.242000	1.660000	2.481443
6243	6.243000	1.657521	2.476540
6244	6.244000	1.655047	2.470310
6245	6.245000	1.652581	2.462784
6246	6.246000	1.650122	2.454012
6247	6.247000	1.647673	2.444074
6248	6.248000	1.645235	2.433088
6249	6.249000	1.642808	2.421212

6250	6.250000	1.640393	2.408659
6251	6.251000	1.637991	2.395697
6252	6.252000	1.635601	2.382657
6253	6.253000	1.633225	2.369911
6254	6.254000	1.630861	2.357853
6255	6.255000	1.628509	2.346874
6256	6.256000	1.626167	2.337341
6257	6.257000	1.623833	2.329571
6258	6.258000	1.621507	2.323812
6259	6.259000	1.619185	2.320217
6260	6.260000	1.616865	2.318822
6261	6.261000	1.614546	2.319525
6262	6.262000	1.612225	2.322072
6263	6.263000	1.609901	2.326085
6264	6.264000	1.607572	2.331088
6265	6.265000	1.605239	2.336551
6266	6.266000	1.602899	2.341915
6267	6.267000	1.600555	2.346634
6268	6.268000	1.598207	2.350205
6269	6.269000	1.595855	2.352205
6270	6.270000	1.593503	2.352325
6271	6.271000	1.591152	2.350404
6272	6.272000	1.588803	2.346449
6273	6.273000	1.586460	2.340616
6274	6.274000	1.584123	2.333185
6275	6.275000	1.581794	2.324526
6276	6.276000	1.579474	2.315066
6277	6.277000	1.577164	2.305263
6278	6.278000	1.574864	2.295572
6279	6.279000	1.572573	2.286413
6280	6.280000	1.570290	2.278143
6281	6.281000	1.568016	2.271024
6282	6.282000	1.565748	2.265204
6283	6.283000	1.563485	2.260721
6284	6.284000	1.561226	2.257528
6285	6.285000	1.558969	2.255505
6286	6.286000	1.556714	2.254481
6287	6.287000	1.554460	2.254252
6288	6.288000	1.552205	2.254599
6289	6.289000	1.549950	2.255308
6290	6.290000	1.547695	2.256188
6291	6.291000	1.545438	2.257088
6292	6.292000	1.543181	2.257910
6293	6.293000	1.540922	2.258608
6294	6.294000	1.538663	2.259173
6295	6.295000	1.536404	2.259625
6296	6.296000	1.534144	2.260005
6297	6.297000	1.531884	2.260359
6298	6.298000	1.529623	2.260735
6299	6.299000	1.527363	2.261164
6300	6.300000	1.525101	2.261659
6301	6.301000	1.522839	2.262197
6302	6.302000	1.520577	2.262718
6303	6.303000	1.518314	2.263127
6304	6.304000	1.516051	2.263307
6305	6.305000	1.513787	2.263126
6306	6.306000	1.511525	2.262448
6307	6.307000	1.509263	2.261143
6308	6.308000	1.507003	2.259096

6309	6.309000	1.504745	2.256216
6310	6.310000	1.502491	2.252450
6311	6.311000	1.500241	2.247786
6312	6.312000	1.497996	2.242264
6313	6.313000	1.495756	2.235970
6314	6.314000	1.493524	2.229029
6315	6.315000	1.491299	2.221594
6316	6.316000	1.489081	2.213841
6317	6.317000	1.486871	2.205959
6318	6.318000	1.484669	2.198142
6319	6.319000	1.482475	2.190582
6320	6.320000	1.480288	2.183458
6321	6.321000	1.478107	2.176932
6322	6.322000	1.475933	2.171139
6323	6.323000	1.473765	2.166185
6324	6.324000	1.471601	2.162143
6325	6.325000	1.469440	2.159058
6326	6.326000	1.467282	2.156937
6327	6.327000	1.465126	2.155753
6328	6.328000	1.462970	2.155442
6329	6.329000	1.460814	2.155901
6330	6.330000	1.458658	2.156984
6331	6.331000	1.456500	2.158507
6332	6.332000	1.454341	2.160243
6333	6.333000	1.452180	2.161938
6334	6.334000	1.450017	2.163326
6335	6.335000	1.447853	2.164141
6336	6.336000	1.445689	2.164138
6337	6.337000	1.443526	2.163103
6338	6.338000	1.441364	2.160873
6339	6.339000	1.439204	2.157346
6340	6.340000	1.437049	2.152503
6341	6.341000	1.434900	2.146419
6342	6.342000	1.432757	2.139270
6343	6.343000	1.430622	2.131320
6344	6.344000	1.428495	2.122898
6345	6.345000	1.426376	2.114377
6346	6.346000	1.424266	2.106150
6347	6.347000	1.422163	2.098607
6348	6.348000	1.420068	2.092113
6349	6.349000	1.417979	2.086987
6350	6.350000	1.415893	2.083476
6351	6.351000	1.413811	2.081735
6352	6.352000	1.411729	2.081814
6353	6.353000	1.409646	2.083662
6354	6.354000	1.407561	2.087147
6355	6.355000	1.405471	2.092066
6356	6.356000	1.403376	2.098166
6357	6.357000	1.401274	2.105157
6358	6.358000	1.399166	2.112731
6359	6.359000	1.397049	2.120572
6360	6.360000	1.394924	2.128378
6361	6.361000	1.392792	2.135872
6362	6.362000	1.390653	2.142818
6363	6.363000	1.388507	2.149018
6364	6.364000	1.386355	2.154307
6365	6.365000	1.384199	2.158554
6366	6.366000	1.382039	2.161654
6367	6.367000	1.379876	2.163525

6368	6.368000	1.377712	2.164104
6369	6.369000	1.375549	2.163344
6370	6.370000	1.373386	2.161209
6371	6.371000	1.371227	2.157669
6372	6.372000	1.369072	2.152702
6373	6.373000	1.366922	2.146299
6374	6.374000	1.364780	2.138470
6375	6.375000	1.362646	2.129258
6376	6.376000	1.360522	2.118746
6377	6.377000	1.358409	2.107067
6378	6.378000	1.356308	2.094410
6379	6.379000	1.354221	2.081034
6380	6.380000	1.352146	2.067273
6381	6.381000	1.350086	2.053551
6382	6.382000	1.348039	2.040371
6383	6.383000	1.346005	2.028295
6384	6.384000	1.343982	2.017905
6385	6.385000	1.341968	2.009761
6386	6.386000	1.339961	2.004365
6387	6.387000	1.337958	2.002124
6388	6.388000	1.335955	2.003307
6389	6.389000	1.333949	2.008011
6390	6.390000	1.331937	2.016123
6391	6.391000	1.329915	2.027276
6392	6.392000	1.327881	2.040843
6393	6.393000	1.325833	2.055975
6394	6.394000	1.323769	2.071674
6395	6.395000	1.321690	2.086858
6396	6.396000	1.319596	2.100432
6397	6.397000	1.317490	2.111356
6398	6.398000	1.315375	2.118713
6399	6.399000	1.313255	2.121781
6400	6.400000	1.311134	2.120098
6401	6.401000	1.309017	2.113531
6402	6.402000	1.306909	2.102314
6403	6.403000	1.304815	2.087007
6404	6.404000	1.302737	2.068424
6405	6.405000	1.300679	2.047564
6406	6.406000	1.298642	2.025533
6407	6.407000	1.296628	2.003479
6408	6.408000	1.294635	1.982513
6409	6.409000	1.292662	1.963643
6410	6.410000	1.290706	1.947696
6411	6.411000	1.288765	1.935253
6412	6.412000	1.286834	1.926596
6413	6.413000	1.284910	1.921735
6414	6.414000	1.282989	1.920444
6415	6.415000	1.281067	1.922315
6416	6.416000	1.279143	1.926798
6417	6.417000	1.277213	1.933248
6418	6.418000	1.275275	1.940970
6419	6.419000	1.273330	1.949268
6420	6.420000	1.271377	1.957483
6421	6.421000	1.269416	1.965049
6422	6.422000	1.267447	1.971514
6423	6.423000	1.265473	1.976552
6424	6.424000	1.263495	1.979949
6425	6.425000	1.261514	1.981597
6426	6.426000	1.259533	1.981480

6427	6.427000	1.257552	1.979665
6428	6.428000	1.255574	1.976298
6429	6.429000	1.253600	1.971585
6430	6.430000	1.251632	1.965790
6431	6.431000	1.249669	1.959223
6432	6.432000	1.247713	1.952224
6433	6.433000	1.245765	1.945155
6434	6.434000	1.243823	1.938375
6435	6.435000	1.241888	1.932224
6436	6.436000	1.239958	1.927005
6437	6.437000	1.238033	1.922967
6438	6.438000	1.236111	1.920283
6439	6.439000	1.234192	1.919036
6440	6.440000	1.232273	1.919199
6441	6.441000	1.230353	1.920615
6442	6.442000	1.228431	1.922997
6443	6.443000	1.226506	1.925950
6444	6.444000	1.224579	1.929009
6445	6.445000	1.222649	1.931682
6446	6.446000	1.220716	1.933486
6447	6.447000	1.218782	1.933988
6448	6.448000	1.216849	1.932841
6449	6.449000	1.214918	1.929827
6450	6.450000	1.212990	1.924895
6451	6.451000	1.211069	1.918197
6452	6.452000	1.209155	1.910107
6453	6.453000	1.207249	1.901182
6454	6.454000	1.205352	1.892096
6455	6.455000	1.203464	1.883585
6456	6.456000	1.201584	1.876380
6457	6.457000	1.199711	1.871146
6458	6.458000	1.197841	1.868420
6459	6.459000	1.195972	1.868551
6460	6.460000	1.194102	1.871633
6461	6.461000	1.192228	1.877449
6462	6.462000	1.190346	1.885443
6463	6.463000	1.188456	1.894774
6464	6.464000	1.186557	1.904409
6465	6.465000	1.184648	1.913216
6466	6.466000	1.182731	1.920054
6467	6.467000	1.180809	1.923866
6468	6.468000	1.178885	1.923772
6469	6.469000	1.176964	1.919157
6470	6.470000	1.175049	1.909769
6471	6.471000	1.173147	1.895805
6472	6.472000	1.171260	1.877954
6473	6.473000	1.169392	1.857327
6474	6.474000	1.167546	1.835331
6475	6.475000	1.165721	1.813551
6476	6.476000	1.163918	1.793620
6477	6.477000	1.162132	1.777104
6478	6.478000	1.160361	1.765375
6479	6.479000	1.158599	1.759486
6480	6.480000	1.156839	1.760052
6481	6.481000	1.155075	1.767129
6482	6.482000	1.153302	1.780149
6483	6.483000	1.151513	1.797999
6484	6.484000	1.149704	1.819168
6485	6.485000	1.147874	1.841878

6486	6.486000	1.146021	1.864236
6487	6.487000	1.144146	1.884366
6488	6.488000	1.142254	1.900557
6489	6.489000	1.140348	1.911398
6490	6.490000	1.138434	1.915928
6491	6.491000	1.136519	1.913764
6492	6.492000	1.134610	1.905189
6493	6.493000	1.132712	1.891070
6494	6.494000	1.130830	1.872720
6495	6.495000	1.128968	1.851760
6496	6.496000	1.127127	1.829977
6497	6.497000	1.125307	1.809186
6498	6.498000	1.123507	1.791087
6499	6.499000	1.121723	1.777128
6500	6.500000	1.119950	1.768361
6501	6.501000	1.118183	1.765310
6502	6.502000	1.116417	1.767881
6503	6.503000	1.114645	1.775437
6504	6.504000	1.112864	1.786910
6505	6.505000	1.111070	1.800933
6506	6.506000	1.109261	1.815955
6507	6.507000	1.107438	1.830374
6508	6.508000	1.105602	1.842654
6509	6.509000	1.103755	1.851449
6510	6.510000	1.101901	1.855734
6511	6.511000	1.100046	1.854916
6512	6.512000	1.098194	1.848917
6513	6.513000	1.096350	1.838124
6514	6.514000	1.094520	1.823290
6515	6.515000	1.092705	1.805446
6516	6.516000	1.090910	1.785795
6517	6.517000	1.089134	1.765623
6518	6.518000	1.087378	1.746195
6519	6.519000	1.085641	1.728665
6520	6.520000	1.083919	1.713975
6521	6.521000	1.082211	1.702760
6522	6.522000	1.080512	1.695289
6523	6.523000	1.078819	1.691492
6524	6.524000	1.077127	1.691026
6525	6.525000	1.075435	1.693335
6526	6.526000	1.073740	1.697719
6527	6.527000	1.072039	1.703398
6528	6.528000	1.070333	1.709573
6529	6.529000	1.068620	1.715498
6530	6.530000	1.066902	1.720536
6531	6.531000	1.065180	1.724231
6532	6.532000	1.063454	1.726344
6533	6.533000	1.061728	1.726838
6534	6.534000	1.060001	1.725845
6535	6.535000	1.058277	1.723618
6536	6.536000	1.056555	1.720502
6537	6.537000	1.054836	1.716887
6538	6.538000	1.053121	1.713175
6539	6.539000	1.051409	1.709738
6540	6.540000	1.049701	1.706877
6541	6.541000	1.047995	1.704789
6542	6.542000	1.046291	1.703540
6543	6.543000	1.044588	1.703075
6544	6.544000	1.042885	1.703245

6545	6.545000	1.041181	1.703832
6546	6.546000	1.039477	1.704576
6547	6.547000	1.037772	1.705201
6548	6.548000	1.036067	1.705438
6549	6.549000	1.034361	1.705057
6550	6.550000	1.032657	1.703885
6551	6.551000	1.030954	1.701839
6552	6.552000	1.029254	1.698937
6553	6.553000	1.027557	1.695287
6554	6.554000	1.025863	1.691070
6555	6.555000	1.024175	1.686519
6556	6.556000	1.022490	1.681892
6557	6.557000	1.020811	1.677461
6558	6.558000	1.019135	1.673481
6559	6.559000	1.017463	1.670177
6560	6.560000	1.015794	1.667719
6561	6.561000	1.014128	1.666202
6562	6.562000	1.012462	1.665634
6563	6.563000	1.010796	1.665944
6564	6.564000	1.009129	1.666994
6565	6.565000	1.007462	1.668597
6566	6.566000	1.005792	1.670530
6567	6.567000	1.004120	1.672553
6568	6.568000	1.002447	1.674420
6569	6.569000	1.000772	1.675895
6570	6.570000	0.999095	1.676770
6571	6.571000	0.997419	1.676878
6572	6.572000	0.995742	1.676105
6573	6.573000	0.994067	1.674390
6574	6.574000	0.992394	1.671723
6575	6.575000	0.990724	1.668141
6576	6.576000	0.989058	1.663730
6577	6.577000	0.987397	1.658613
6578	6.578000	0.985741	1.652957
6579	6.579000	0.984091	1.646962
6580	6.580000	0.982447	1.640865
6581	6.581000	0.980809	1.634931
6582	6.582000	0.979177	1.629451
6583	6.583000	0.977550	1.624724
6584	6.584000	0.975927	1.621047
6585	6.585000	0.974307	1.618689
6586	6.586000	0.972689	1.617881
6587	6.587000	0.971071	1.618795
6588	6.588000	0.969450	1.621526
6589	6.589000	0.967827	1.626081
6590	6.590000	0.966197	1.632353
6591	6.591000	0.964561	1.640111
6592	6.592000	0.962917	1.648994
6593	6.593000	0.961263	1.658531
6594	6.594000	0.959600	1.668180
6595	6.595000	0.957927	1.677364
6596	6.596000	0.956245	1.685508
6597	6.597000	0.954557	1.692071
6598	6.598000	0.952862	1.696586
6599	6.599000	0.951165	1.698697
6600	6.600000	0.949466	1.698190
6601	6.601000	0.947769	1.695032
6602	6.602000	0.946077	1.689392
6603	6.603000	0.944392	1.681611

6604	6.604000	0.942715	1.672164
6605	6.605000	0.941048	1.661617
6606	6.606000	0.939392	1.650587
6607	6.607000	0.937747	1.639696
6608	6.608000	0.936112	1.629533
6609	6.609000	0.934487	1.620610
6610	6.610000	0.932870	1.613320
6611	6.611000	0.931259	1.607896
6612	6.612000	0.929653	1.604388
6613	6.613000	0.928050	1.602677
6614	6.614000	0.926447	1.602514
6615	6.615000	0.924844	1.603555
6616	6.616000	0.923240	1.605396
6617	6.617000	0.921633	1.607606
6618	6.618000	0.920025	1.609769
6619	6.619000	0.918414	1.611515
6620	6.620000	0.916802	1.612556
6621	6.621000	0.915189	1.612721
6622	6.622000	0.913577	1.611981
6623	6.623000	0.911966	1.610428
6624	6.624000	0.910356	1.608247
6625	6.625000	0.908749	1.605690
6626	6.626000	0.907145	1.603040
6627	6.627000	0.905543	1.600582
6628	6.628000	0.903944	1.598577
6629	6.629000	0.902346	1.597226
6630	6.630000	0.900749	1.596646
6631	6.631000	0.899152	1.596832
6632	6.632000	0.897555	1.597652
6633	6.633000	0.895957	1.598856
6634	6.634000	0.894357	1.600116
6635	6.635000	0.892756	1.601061
6636	6.636000	0.891155	1.601306
6637	6.637000	0.889554	1.600490
6638	6.638000	0.887955	1.598309
6639	6.639000	0.886359	1.594550
6640	6.640000	0.884767	1.589126
6641	6.641000	0.883181	1.582110
6642	6.642000	0.881603	1.573749
6643	6.643000	0.880034	1.564438
6644	6.644000	0.878475	1.554675
6645	6.645000	0.876925	1.545018
6646	6.646000	0.875384	1.536035
6647	6.647000	0.873852	1.528264
6648	6.648000	0.872327	1.522163
6649	6.649000	0.870807	1.518068
6650	6.650000	0.869290	1.516148
6651	6.651000	0.867773	1.516356
6652	6.652000	0.866256	1.518414
6653	6.653000	0.864736	1.521841
6654	6.654000	0.863212	1.526014
6655	6.655000	0.861684	1.530225
6656	6.656000	0.860152	1.533739
6657	6.657000	0.858617	1.535854
6658	6.658000	0.857081	1.535954
6659	6.659000	0.855546	1.533573
6660	6.660000	0.854015	1.528448
6661	6.661000	0.852491	1.520581
6662	6.662000	0.850975	1.510263

6663	6.663000	0.849471	1.498040
6664	6.664000	0.847980	1.484642
6665	6.665000	0.846502	1.470919
6666	6.666000	0.845038	1.457768
6667	6.667000	0.843586	1.446071
6668	6.668000	0.842144	1.436624
6669	6.669000	0.840711	1.430069
6670	6.670000	0.839283	1.426828
6671	6.671000	0.837856	1.427035
6672	6.672000	0.836427	1.430500
6673	6.673000	0.834993	1.436745
6674	6.674000	0.833552	1.445078
6675	6.675000	0.832103	1.454657
6676	6.676000	0.830643	1.464566
6677	6.677000	0.829174	1.473880
6678	6.678000	0.827696	1.481736
6679	6.679000	0.826211	1.487403
6680	6.680000	0.824722	1.490355
6681	6.681000	0.823232	1.490334
6682	6.682000	0.821743	1.487394
6683	6.683000	0.820259	1.481866
6684	6.684000	0.818781	1.474292
6685	6.685000	0.817311	1.465363
6686	6.686000	0.815850	1.455853
6687	6.687000	0.814399	1.446554
6688	6.688000	0.812957	1.438213
6689	6.689000	0.811522	1.431464
6690	6.690000	0.810093	1.426768
6691	6.691000	0.808667	1.424343
6692	6.692000	0.807243	1.424134
6693	6.693000	0.805818	1.425839
6694	6.694000	0.804390	1.428963
6695	6.695000	0.802959	1.432883
6696	6.696000	0.801525	1.436900
6697	6.697000	0.800086	1.440300
6698	6.698000	0.798645	1.442409
6699	6.699000	0.797202	1.442654
6700	6.700000	0.795760	1.440616
6701	6.701000	0.794322	1.436094
6702	6.702000	0.792889	1.429132
6703	6.703000	0.791465	1.420001
6704	6.704000	0.790050	1.409151
6705	6.705000	0.788647	1.397165
6706	6.706000	0.787256	1.384713
6707	6.707000	0.785878	1.372504
6708	6.708000	0.784511	1.361241
6709	6.709000	0.783154	1.351573
6710	6.710000	0.781807	1.344051
6711	6.711000	0.780465	1.339079
6712	6.712000	0.779127	1.336883
6713	6.713000	0.777790	1.337520
6714	6.714000	0.776451	1.340892
6715	6.715000	0.775107	1.346773
6716	6.716000	0.773756	1.354826
6717	6.717000	0.772396	1.364624
6718	6.718000	0.771026	1.375672
6719	6.719000	0.769645	1.387428
6720	6.720000	0.768251	1.399320
6721	6.721000	0.766846	1.410772

6722	6.722000	0.765430	1.421219
6723	6.723000	0.764004	1.430132
6724	6.724000	0.762571	1.437030
6725	6.725000	0.761132	1.441504
6726	6.726000	0.759689	1.443233
6727	6.727000	0.758247	1.442005
6728	6.728000	0.756807	1.437732
6729	6.729000	0.755373	1.430471
6730	6.730000	0.753947	1.420443
6731	6.731000	0.752533	1.408051
6732	6.732000	0.751132	1.393880
6733	6.733000	0.749746	1.378663
6734	6.734000	0.748375	1.363222
6735	6.735000	0.747019	1.348417
6736	6.736000	0.745677	1.335092
6737	6.737000	0.744348	1.324017
6738	6.738000	0.743028	1.315837
6739	6.739000	0.741714	1.311014
6740	6.740000	0.740404	1.309777
6741	6.741000	0.739093	1.312063
6742	6.742000	0.737778	1.317496
6743	6.743000	0.736457	1.325430
6744	6.744000	0.735127	1.335020
6745	6.745000	0.733786	1.345298
6746	6.746000	0.732436	1.355247
6747	6.747000	0.731077	1.363871
6748	6.748000	0.729709	1.370272
6749	6.749000	0.728337	1.373725
6750	6.750000	0.726964	1.373746
6751	6.751000	0.725592	1.370170
6752	6.752000	0.724225	1.363189
6753	6.753000	0.722867	1.353308
6754	6.754000	0.721520	1.341276
6755	6.755000	0.720185	1.328005
6756	6.756000	0.718864	1.314497
6757	6.757000	0.717556	1.301768
6758	6.758000	0.716259	1.290774
6759	6.759000	0.714973	1.282333
6760	6.760000	0.713693	1.277051
6761	6.761000	0.712417	1.275246
6762	6.762000	0.711141	1.276907
6763	6.763000	0.709861	1.281722
6764	6.764000	0.708576	1.289144
6765	6.765000	0.707282	1.298450
6766	6.766000	0.705979	1.308810
6767	6.767000	0.704665	1.319343
6768	6.768000	0.703340	1.329188
6769	6.769000	0.702007	1.337561
6770	6.770000	0.700666	1.343822
6771	6.771000	0.699320	1.347537
6772	6.772000	0.697972	1.348518
6773	6.773000	0.696625	1.346804
6774	6.774000	0.695280	1.342627
6775	6.775000	0.693941	1.336371
6776	6.776000	0.692608	1.328531
6777	6.777000	0.691284	1.319674
6778	6.778000	0.689969	1.310404
6779	6.779000	0.688663	1.301315
6780	6.780000	0.687366	1.292958

6781	6.781000	0.686077	1.285800
6782	6.782000	0.684794	1.280194
6783	6.783000	0.683515	1.276379
6784	6.784000	0.682240	1.274485
6785	6.785000	0.680965	1.274542
6786	6.786000	0.679690	1.276491
6787	6.787000	0.678412	1.280188
6788	6.788000	0.677129	1.285412
6789	6.789000	0.675840	1.291880
6790	6.790000	0.674545	1.299245
6791	6.791000	0.673241	1.307112
6792	6.792000	0.671930	1.315047
6793	6.793000	0.670611	1.322591
6794	6.794000	0.669286	1.329288
6795	6.795000	0.667954	1.334699
6796	6.796000	0.666617	1.338429
6797	6.797000	0.665278	1.340142
6798	6.798000	0.663938	1.339586
6799	6.799000	0.662600	1.336613
6800	6.800000	0.661266	1.331197
6801	6.801000	0.659938	1.323461
6802	6.802000	0.658620	1.313678
6803	6.803000	0.657312	1.302251
6804	6.804000	0.656016	1.289680
6805	6.805000	0.654733	1.276525
6806	6.806000	0.653463	1.263366
6807	6.807000	0.652206	1.250775
6808	6.808000	0.650961	1.239276
6809	6.809000	0.649727	1.229308
6810	6.810000	0.648501	1.221195
6811	6.811000	0.647283	1.215105
6812	6.812000	0.646070	1.211032
6813	6.813000	0.644860	1.208817
6814	6.814000	0.643652	1.208178
6815	6.815000	0.642443	1.208745
6816	6.816000	0.641234	1.210093
6817	6.817000	0.640023	1.211777
6818	6.818000	0.638810	1.213366
6819	6.819000	0.637596	1.214477
6820	6.820000	0.636382	1.214808
6821	6.821000	0.635167	1.214170
6822	6.822000	0.633954	1.212512
6823	6.823000	0.632743	1.209905
6824	6.824000	0.631534	1.206520
6825	6.825000	0.630330	1.202604
6826	6.826000	0.629129	1.198452
6827	6.827000	0.627933	1.194384
6828	6.828000	0.626740	1.190723
6829	6.829000	0.625551	1.187763
6830	6.830000	0.624364	1.185753
6831	6.831000	0.623179	1.184866
6832	6.832000	0.621994	1.185183
6833	6.833000	0.620808	1.186701
6834	6.834000	0.619620	1.189338
6835	6.835000	0.618429	1.192948
6836	6.836000	0.617234	1.197330
6837	6.837000	0.616034	1.202241
6838	6.838000	0.614829	1.207406
6839	6.839000	0.613619	1.212531

6840	6.840000	0.612404	1.217313
6841	6.841000	0.611185	1.221450
6842	6.842000	0.609962	1.224655
6843	6.843000	0.608736	1.226667
6844	6.844000	0.607509	1.227260
6845	6.845000	0.606282	1.226257
6846	6.846000	0.605058	1.223540
6847	6.847000	0.603836	1.219065
6848	6.848000	0.602620	1.212866
6849	6.849000	0.601411	1.205076
6850	6.850000	0.600211	1.195931
6851	6.851000	0.599020	1.185784
6852	6.852000	0.597840	1.175106
6853	6.853000	0.596670	1.164452
6854	6.854000	0.595510	1.154427
6855	6.855000	0.594360	1.145640
6856	6.856000	0.593218	1.138662
6857	6.857000	0.592082	1.133989
6858	6.858000	0.590949	1.131998
6859	6.859000	0.589816	1.132905
6860	6.860000	0.588682	1.136729
6861	6.861000	0.587542	1.143242
6862	6.862000	0.586394	1.151963
6863	6.863000	0.585237	1.162192
6864	6.864000	0.584069	1.173077
6865	6.865000	0.582891	1.183682
6866	6.866000	0.581703	1.193049
6867	6.867000	0.580506	1.200269
6868	6.868000	0.579303	1.204543
6869	6.869000	0.578099	1.205250
6870	6.870000	0.576895	1.202014
6871	6.871000	0.575697	1.194765
6872	6.872000	0.574507	1.183780
6873	6.873000	0.573331	1.169637
6874	6.874000	0.572169	1.153149
6875	6.875000	0.571025	1.135292
6876	6.876000	0.569899	1.117132
6877	6.877000	0.568790	1.099758
6878	6.878000	0.567698	1.084208
6879	6.879000	0.566620	1.071399
6880	6.880000	0.565554	1.062057
6881	6.881000	0.564494	1.056644
6882	6.882000	0.563438	1.055319
6883	6.883000	0.562382	1.057956
6884	6.884000	0.561321	1.064196
6885	6.885000	0.560252	1.073499
6886	6.886000	0.559173	1.085187
6887	6.887000	0.558081	1.098504
6888	6.888000	0.556975	1.112657
6889	6.889000	0.555855	1.126873
6890	6.890000	0.554722	1.140446
6891	6.891000	0.553575	1.152785
6892	6.892000	0.552417	1.163453
6893	6.893000	0.551249	1.172162
6894	6.894000	0.550074	1.178756
6895	6.895000	0.548893	1.183194
6896	6.896000	0.547708	1.185531
6897	6.897000	0.546523	1.185902
6898	6.898000	0.545337	1.184502

6899	6.899000	0.544154	1.181569
6900	6.900000	0.542975	1.177370
6901	6.901000	0.541800	1.172175
6902	6.902000	0.540631	1.166252
6903	6.903000	0.539468	1.159851
6904	6.904000	0.538311	1.153207
6905	6.905000	0.537161	1.146529
6906	6.906000	0.536018	1.140001
6907	6.907000	0.534881	1.133774
6908	6.908000	0.533750	1.127965
6909	6.909000	0.532625	1.122648
6910	6.910000	0.531505	1.117855
6911	6.911000	0.530389	1.113569
6912	6.912000	0.529278	1.109723
6913	6.913000	0.528170	1.106208
6914	6.914000	0.527065	1.102885
6915	6.915000	0.525964	1.099598
6916	6.916000	0.524866	1.096182
6917	6.917000	0.523772	1.092476
6918	6.918000	0.522681	1.088336
6919	6.919000	0.521595	1.083644
6920	6.920000	0.520514	1.078323
6921	6.921000	0.519439	1.072343
6922	6.922000	0.518370	1.065732
6923	6.923000	0.517308	1.058574
6924	6.924000	0.516253	1.050997
6925	6.925000	0.515206	1.043167
6926	6.926000	0.514167	1.035283
6927	6.927000	0.513135	1.027565
6928	6.928000	0.512111	1.020250
6929	6.929000	0.511094	1.013581
6930	6.930000	0.510084	1.007803
6931	6.931000	0.509078	1.003152
6932	6.932000	0.508077	0.999846
6933	6.933000	0.507078	0.998077
6934	6.934000	0.506080	0.997998
6935	6.935000	0.505081	0.999708
6936	6.936000	0.504079	1.003241
6937	6.937000	0.503073	1.008556
6938	6.938000	0.502061	1.015523
6939	6.939000	0.501042	1.023910
6940	6.940000	0.500013	1.033372
6941	6.941000	0.498975	1.043440
6942	6.942000	0.497926	1.053520
6943	6.943000	0.496868	1.062930
6944	6.944000	0.495801	1.070944
6945	6.945000	0.494727	1.076846
6946	6.946000	0.493649	1.079974
6947	6.947000	0.492569	1.079768
6948	6.948000	0.491491	1.075820
6949	6.949000	0.490419	1.067923
6950	6.950000	0.489357	1.056114
6951	6.951000	0.488309	1.040730
6952	6.952000	0.487277	1.022418
6953	6.953000	0.486265	1.002090
6954	6.954000	0.485273	0.980846
6955	6.955000	0.484303	0.959892
6956	6.956000	0.483353	0.940460
6957	6.957000	0.482421	0.923734

6958	6.958000	0.481504	0.910765
6959	6.959000	0.480597	0.902397
6960	6.960000	0.479696	0.899184
6961	6.961000	0.478796	0.901314
6962	6.962000	0.477891	0.908567
6963	6.963000	0.476977	0.920355
6964	6.964000	0.476048	0.935806
6965	6.965000	0.475104	0.953840
6966	6.966000	0.474140	0.973249
6967	6.967000	0.473157	0.992779
6968	6.968000	0.472155	1.011209
6969	6.969000	0.471136	1.027428
6970	6.970000	0.470102	1.040522
6971	6.971000	0.469057	1.049844
6972	6.972000	0.468004	1.055072
6973	6.973000	0.466948	1.056183
6974	6.974000	0.465894	1.053408
6975	6.975000	0.464843	1.047180
6976	6.976000	0.463801	1.038083
6977	6.977000	0.462768	1.026805
6978	6.978000	0.461748	1.014086
6979	6.979000	0.460740	1.000667
6980	6.980000	0.459747	0.987242
6981	6.981000	0.458766	0.974407
6982	6.982000	0.457797	0.962627
6983	6.983000	0.456840	0.952232
6984	6.984000	0.455892	0.943436
6985	6.985000	0.454952	0.936350
6986	6.986000	0.454018	0.930997
6987	6.987000	0.453089	0.927327
6988	6.988000	0.452163	0.925230
6989	6.989000	0.451238	0.924558
6990	6.990000	0.450313	0.925130
6991	6.991000	0.449387	0.926756
6992	6.992000	0.448459	0.929242
6993	6.993000	0.447528	0.932400
6994	6.994000	0.446594	0.936046
6995	6.995000	0.445656	0.940004
6996	6.996000	0.444714	0.944104
6997	6.997000	0.443768	0.948190
6998	6.998000	0.442818	0.952115
6999	6.999000	0.441864	0.955746
7000	7.000000	0.440907	0.958966
7001	7.001000	0.439946	0.961673
7002	7.002000	0.438983	0.963784
7003	7.003000	0.438019	0.965232
7004	7.004000	0.437053	0.965969
7005	7.005000	0.436087	0.965960
7006	7.006000	0.435122	0.965189
7007	7.007000	0.434157	0.963652
7008	7.008000	0.433195	0.961363
7009	7.009000	0.432235	0.958344
7010	7.010000	0.431279	0.954636
7011	7.011000	0.430326	0.950288
7012	7.012000	0.429378	0.945362
7013	7.013000	0.428436	0.939931
7014	7.014000	0.427499	0.934081
7015	7.015000	0.426568	0.927905
7016	7.016000	0.425643	0.921508

7017	7.017000	0.424725	0.915003
7018	7.018000	0.423813	0.908515
7019	7.019000	0.422908	0.902176
7020	7.020000	0.422008	0.896125
7021	7.021000	0.421115	0.890512
7022	7.022000	0.420227	0.885489
7023	7.023000	0.419344	0.881212
7024	7.024000	0.418464	0.877827
7025	7.025000	0.417588	0.875467
7026	7.026000	0.416713	0.874241
7027	7.027000	0.415838	0.874230
7028	7.028000	0.414964	0.875478
7029	7.029000	0.414087	0.877982
7030	7.030000	0.413207	0.881691
7031	7.031000	0.412323	0.886491
7032	7.032000	0.411434	0.892210
7033	7.033000	0.410538	0.898620
7034	7.034000	0.409636	0.905455
7035	7.035000	0.408727	0.912422
7036	7.036000	0.407811	0.919218
7037	7.037000	0.406889	0.925539
7038	7.038000	0.405961	0.931096
7039	7.039000	0.405027	0.935630
7040	7.040000	0.404090	0.938925
7041	7.041000	0.403150	0.940817
7042	7.042000	0.402209	0.941211
7043	7.043000	0.401269	0.940074
7044	7.044000	0.400330	0.937434
7045	7.045000	0.399394	0.933373
7046	7.046000	0.398464	0.928025
7047	7.047000	0.397539	0.921565
7048	7.048000	0.396621	0.914212
7049	7.049000	0.395711	0.906219
7050	7.050000	0.394809	0.897870
7051	7.051000	0.393915	0.889472
7052	7.052000	0.393030	0.881354
7053	7.053000	0.392152	0.873845
7054	7.054000	0.391282	0.867264
7055	7.055000	0.390417	0.861898
7056	7.056000	0.389557	0.857990
7057	7.057000	0.388700	0.855718
7058	7.058000	0.387845	0.855180
7059	7.059000	0.386989	0.856377
7060	7.060000	0.386131	0.859199
7061	7.061000	0.385270	0.863401
7062	7.062000	0.384404	0.868610
7063	7.063000	0.383532	0.874338
7064	7.064000	0.382655	0.880034
7065	7.065000	0.381773	0.885110
7066	7.066000	0.380886	0.888990
7067	7.067000	0.379995	0.891140
7068	7.068000	0.379104	0.891113
7069	7.069000	0.378214	0.888587
7070	7.070000	0.377329	0.883399
7071	7.071000	0.376449	0.875587
7072	7.072000	0.375579	0.865411
7073	7.073000	0.374719	0.853317
7074	7.074000	0.373873	0.839899
7075	7.075000	0.373040	0.825842

7076	7.076000	0.372221	0.811881
7077	7.077000	0.371415	0.798748
7078	7.078000	0.370623	0.787126
7079	7.079000	0.369840	0.777602
7080	7.080000	0.369066	0.770616
7081	7.081000	0.368298	0.766413
7082	7.082000	0.367532	0.765022
7083	7.083000	0.366766	0.766264
7084	7.084000	0.365998	0.769801
7085	7.085000	0.365226	0.775169
7086	7.086000	0.364447	0.781821
7087	7.087000	0.363662	0.789164
7088	7.088000	0.362869	0.796601
7089	7.089000	0.362069	0.803566
7090	7.090000	0.361262	0.809568
7091	7.091000	0.360450	0.814229
7092	7.092000	0.359635	0.817308
7093	7.093000	0.358817	0.818698
7094	7.094000	0.357998	0.818407
7095	7.095000	0.357180	0.816540
7096	7.096000	0.356366	0.813282
7097	7.097000	0.355554	0.808876
7098	7.098000	0.354748	0.803610
7099	7.099000	0.353948	0.797793
7100	7.100000	0.353153	0.791741
7101	7.101000	0.352364	0.785758
7102	7.102000	0.351581	0.780119
7103	7.103000	0.350803	0.775066
7104	7.104000	0.350031	0.770804
7105	7.105000	0.349261	0.767501
7106	7.106000	0.348495	0.765282
7107	7.107000	0.347730	0.764229
7108	7.108000	0.346966	0.764378
7109	7.109000	0.346201	0.765716
7110	7.110000	0.345434	0.768180
7111	7.111000	0.344664	0.771650
7112	7.112000	0.343890	0.775956
7113	7.113000	0.343112	0.780884
7114	7.114000	0.342328	0.786189
7115	7.115000	0.341539	0.791609
7116	7.116000	0.340745	0.796874
7117	7.117000	0.339946	0.801724
7118	7.118000	0.339142	0.805918
7119	7.119000	0.338334	0.809246
7120	7.120000	0.337524	0.811547
7121	7.121000	0.336712	0.812716
7122	7.122000	0.335899	0.812713
7123	7.123000	0.335087	0.811561
7124	7.124000	0.334277	0.809331
7125	7.125000	0.333469	0.806138
7126	7.126000	0.332665	0.802125
7127	7.127000	0.331865	0.797459
7128	7.128000	0.331070	0.792315
7129	7.129000	0.330280	0.786871
7130	7.130000	0.329496	0.781295
7131	7.131000	0.328718	0.775736
7132	7.132000	0.327945	0.770318
7133	7.133000	0.327177	0.765137
7134	7.134000	0.326414	0.760269

7135 7.135000 0.325656 0.755771
7136 7.136000 0.324903 0.751683
7137 7.137000 0.324153 0.748034
7138 7.138000 0.323406 0.744843
7139 7.139000 0.322663 0.742126
7140 7.140000 0.321922 0.739893
7141 7.141000 0.321183 0.738161
7142 7.142000 0.320445 0.736944
7143 7.143000 0.319709 0.736259
7144 7.144000 0.318973 0.736120
7145 7.145000 0.318236 0.736528
7146 7.146000 0.317499 0.737474
7147 7.147000 0.316761 0.738927
7148 7.148000 0.316021 0.740835
7149 7.149000 0.315279 0.743119
7150 7.150000 0.314535 0.745664
7151 7.151000 0.313788 0.748323
7152 7.152000 0.313038 0.750906
7153 7.153000 0.312286 0.753202
7154 7.154000 0.311532 0.754987
7155 7.155000 0.310776 0.756040
7156 7.156000 0.310020 0.756164
7157 7.157000 0.309265 0.755193
7158 7.158000 0.308511 0.753015
7159 7.159000 0.307759 0.749583
7160 7.160000 0.307012 0.744932
7161 7.161000 0.306270 0.739195
7162 7.162000 0.305534 0.732607
7163 7.163000 0.304805 0.725488
7164 7.164000 0.304083 0.718217
7165 7.165000 0.303368 0.711205
7166 7.166000 0.302660 0.704869
7167 7.167000 0.301958 0.699601
7168 7.168000 0.301261 0.695746
7169 7.169000 0.300566 0.693571
7170 7.170000 0.299872 0.693242
7171 7.171000 0.299178 0.694792
7172 7.172000 0.298482 0.698114
7173 7.173000 0.297781 0.702967
7174 7.174000 0.297075 0.709015
7175 7.175000 0.296363 0.715847
7176 7.176000 0.295644 0.723009
7177 7.177000 0.294917 0.730032
7178 7.178000 0.294184 0.736461
7179 7.179000 0.293445 0.741883
7180 7.180000 0.292701 0.745956
7181 7.181000 0.291954 0.748435
7182 7.182000 0.291205 0.749192
7183 7.183000 0.290456 0.748213
7184 7.184000 0.289709 0.745573
7185 7.185000 0.288966 0.741427
7186 7.186000 0.288227 0.735993
7187 7.187000 0.287494 0.729529
7188 7.188000 0.286768 0.722325
7189 7.189000 0.286050 0.714678
7190 7.190000 0.285339 0.706883
7191 7.191000 0.284636 0.699210
7192 7.192000 0.283940 0.691895
7193 7.193000 0.283252 0.685137

7194	7.194000	0.282570	0.679095
7195	7.195000	0.281893	0.673892
7196	7.196000	0.281221	0.669613
7197	7.197000	0.280554	0.666305
7198	7.198000	0.279888	0.663981
7199	7.199000	0.279225	0.662616
7200	7.200000	0.278563	0.662150
7201	7.201000	0.277900	0.662489
7202	7.202000	0.277237	0.663505
7203	7.203000	0.276573	0.665046
7204	7.204000	0.275907	0.666948
7205	7.205000	0.275239	0.669041
7206	7.206000	0.274569	0.671164
7207	7.207000	0.273897	0.673171
7208	7.208000	0.273223	0.674947
7209	7.209000	0.272547	0.676414
7210	7.210000	0.271870	0.677541
7211	7.211000	0.271192	0.678359
7212	7.212000	0.270514	0.678960
7213	7.213000	0.269834	0.679487
7214	7.214000	0.269154	0.680115
7215	7.215000	0.268474	0.681031
7216	7.216000	0.267792	0.682418
7217	7.217000	0.267109	0.684433
7218	7.218000	0.266423	0.687190
7219	7.219000	0.265734	0.690740
7220	7.220000	0.265041	0.695053
7221	7.221000	0.264344	0.700000
7222	7.222000	0.263641	0.705343
7223	7.223000	0.262933	0.710757
7224	7.224000	0.262220	0.715861
7225	7.225000	0.261501	0.720246
7226	7.226000	0.260780	0.723509
7227	7.227000	0.260055	0.725283
7228	7.228000	0.259330	0.725268
7229	7.229000	0.258606	0.723262
7230	7.230000	0.257884	0.719193
7231	7.231000	0.257168	0.713146
7232	7.232000	0.256459	0.705383
7233	7.233000	0.255758	0.696312
7234	7.234000	0.255067	0.686452
7235	7.235000	0.254385	0.676386
7236	7.236000	0.253714	0.666722
7237	7.237000	0.253051	0.658049
7238	7.238000	0.252397	0.650901
7239	7.239000	0.251749	0.645708
7240	7.240000	0.251104	0.642759
7241	7.241000	0.250462	0.642159
7242	7.242000	0.249819	0.643807
7243	7.243000	0.249173	0.647419
7244	7.244000	0.248523	0.652568
7245	7.245000	0.247868	0.658728
7246	7.246000	0.247206	0.665313
7247	7.247000	0.246537	0.671719
7248	7.248000	0.245863	0.677369
7249	7.249000	0.245183	0.681751
7250	7.250000	0.244500	0.684460
7251	7.251000	0.243815	0.685243
7252	7.252000	0.243130	0.684019

7253	7.253000	0.242448	0.680871
7254	7.254000	0.241770	0.676007
7255	7.255000	0.241097	0.669738
7256	7.256000	0.240431	0.662444
7257	7.257000	0.239772	0.654541
7258	7.258000	0.239122	0.646453
7259	7.259000	0.238479	0.638579
7260	7.260000	0.237844	0.631267
7261	7.261000	0.237216	0.624776
7262	7.262000	0.236594	0.619264
7263	7.263000	0.235977	0.614790
7264	7.264000	0.235364	0.611330
7265	7.265000	0.234754	0.608800
7266	7.266000	0.234146	0.607069
7267	7.267000	0.233540	0.605977
7268	7.268000	0.232934	0.605356
7269	7.269000	0.232329	0.605043
7270	7.270000	0.231724	0.604900
7271	7.271000	0.231119	0.604832
7272	7.272000	0.230514	0.604796
7273	7.273000	0.229909	0.604797
7274	7.274000	0.229304	0.604876
7275	7.275000	0.228699	0.605098
7276	7.276000	0.228094	0.605539
7277	7.277000	0.227488	0.606277
7278	7.278000	0.226881	0.607374
7279	7.279000	0.226273	0.608873
7280	7.280000	0.225663	0.610777
7281	7.281000	0.225051	0.613042
7282	7.282000	0.224437	0.615571
7283	7.283000	0.223820	0.618221
7284	7.284000	0.223201	0.620820
7285	7.285000	0.222579	0.623180
7286	7.286000	0.221955	0.625110
7287	7.287000	0.221329	0.626436
7288	7.288000	0.220702	0.627013
7289	7.289000	0.220075	0.626738
7290	7.290000	0.219449	0.625567
7291	7.291000	0.218825	0.623531
7292	7.292000	0.218202	0.620741
7293	7.293000	0.217583	0.617373
7294	7.294000	0.216968	0.613653
7295	7.295000	0.216356	0.609833
7296	7.296000	0.215748	0.606171
7297	7.297000	0.215144	0.602911
7298	7.298000	0.214542	0.600263
7299	7.299000	0.213943	0.598379
7300	7.300000	0.213345	0.597338
7301	7.301000	0.212748	0.597122
7302	7.302000	0.212150	0.597605
7303	7.303000	0.211552	0.598573
7304	7.304000	0.210953	0.599745
7305	7.305000	0.210353	0.600803
7306	7.306000	0.209752	0.601415
7307	7.307000	0.209150	0.601263
7308	7.308000	0.208550	0.600069
7309	7.309000	0.207951	0.597621
7310	7.310000	0.207355	0.593796
7311	7.311000	0.206764	0.588593

7312	7.312000	0.206178	0.582139
7313	7.313000	0.205600	0.574677
7314	7.314000	0.205029	0.566536
7315	7.315000	0.204467	0.558105
7316	7.316000	0.203913	0.549802
7317	7.317000	0.203367	0.542045
7318	7.318000	0.202829	0.535224
7319	7.319000	0.202296	0.529676
7320	7.320000	0.201768	0.525649
7321	7.321000	0.201244	0.523281
7322	7.322000	0.200721	0.522579
7323	7.323000	0.200198	0.523431
7324	7.324000	0.199674	0.525631
7325	7.325000	0.199146	0.528901
7326	7.326000	0.198615	0.532918
7327	7.327000	0.198080	0.537332
7328	7.328000	0.197541	0.541793
7329	7.329000	0.196997	0.545977
7330	7.330000	0.196449	0.549603
7331	7.331000	0.195898	0.552464
7332	7.332000	0.195345	0.554437
7333	7.333000	0.194790	0.555480
7334	7.334000	0.194234	0.555620
7335	7.335000	0.193679	0.554941
7336	7.336000	0.193124	0.553571
7337	7.337000	0.192572	0.551669
7338	7.338000	0.192021	0.549412
7339	7.339000	0.191473	0.546983
7340	7.340000	0.190927	0.544558
7341	7.341000	0.190384	0.542294
7342	7.342000	0.189843	0.540319
7343	7.343000	0.189303	0.538730
7344	7.344000	0.188765	0.537596
7345	7.345000	0.188228	0.536957
7346	7.346000	0.187691	0.536825
7347	7.347000	0.187154	0.537187
7348	7.348000	0.186616	0.538005
7349	7.349000	0.186078	0.539221
7350	7.350000	0.185538	0.540750
7351	7.351000	0.184996	0.542492
7352	7.352000	0.184453	0.544324
7353	7.353000	0.183907	0.546114
7354	7.354000	0.183360	0.547726
7355	7.355000	0.182812	0.549024
7356	7.356000	0.182263	0.549886
7357	7.357000	0.181713	0.550203
7358	7.358000	0.181162	0.549895
7359	7.359000	0.180613	0.548913
7360	7.360000	0.180065	0.547245
7361	7.361000	0.179519	0.544930
7362	7.362000	0.178975	0.542053
7363	7.363000	0.178435	0.538745
7364	7.364000	0.177898	0.535165
7365	7.365000	0.177365	0.531490
7366	7.366000	0.176835	0.527906
7367	7.367000	0.176309	0.524591
7368	7.368000	0.175786	0.521707
7369	7.369000	0.175265	0.519387
7370	7.370000	0.174747	0.517722

7371	7.371000	0.174229	0.516750
7372	7.372000	0.173713	0.516450
7373	7.373000	0.173196	0.516747
7374	7.374000	0.172679	0.517523
7375	7.375000	0.172161	0.518632
7376	7.376000	0.171642	0.519908
7377	7.377000	0.171121	0.521176
7378	7.378000	0.170599	0.522269
7379	7.379000	0.170077	0.523033
7380	7.380000	0.169554	0.523343
7381	7.381000	0.169030	0.523113
7382	7.382000	0.168508	0.522303
7383	7.383000	0.167986	0.520915
7384	7.384000	0.167466	0.518985
7385	7.385000	0.166948	0.516574
7386	7.386000	0.166433	0.513762
7387	7.387000	0.165921	0.510636
7388	7.388000	0.165412	0.507282
7389	7.389000	0.164906	0.503780
7390	7.390000	0.164404	0.500192
7391	7.391000	0.163906	0.496556
7392	7.392000	0.163411	0.492879
7393	7.393000	0.162920	0.489147
7394	7.394000	0.162433	0.485331
7395	7.395000	0.161950	0.481401
7396	7.396000	0.161470	0.477336
7397	7.397000	0.160995	0.473131
7398	7.398000	0.160524	0.468812
7399	7.399000	0.160057	0.464445
7400	7.400000	0.159595	0.460143
7401	7.401000	0.159137	0.456083
7402	7.402000	0.158683	0.452501
7403	7.403000	0.158232	0.449676
7404	7.404000	0.157783	0.447900
7405	7.405000	0.157335	0.447452
7406	7.406000	0.156887	0.448568
7407	7.407000	0.156437	0.451412
7408	7.408000	0.155984	0.456049
7409	7.409000	0.155524	0.462413
7410	7.410000	0.155058	0.470287
7411	7.411000	0.154583	0.479263
7412	7.412000	0.154099	0.488748
7413	7.413000	0.153606	0.497994
7414	7.414000	0.153104	0.506173
7415	7.415000	0.152594	0.512434
7416	7.416000	0.152080	0.515969
7417	7.417000	0.151564	0.516079
7418	7.418000	0.151050	0.512237
7419	7.419000	0.150542	0.504153
7420	7.420000	0.150044	0.491835
7421	7.421000	0.149560	0.475657
7422	7.422000	0.149094	0.456383
7423	7.423000	0.148648	0.435101
7424	7.424000	0.148224	0.413120
7425	7.425000	0.147822	0.391871
7426	7.426000	0.147439	0.372799
7427	7.427000	0.147074	0.357260
7428	7.428000	0.146722	0.346421
7429	7.429000	0.146379	0.341154

7430 7.430000 0.146037 0.341931
7431 7.431000 0.145692 0.348726
7432 7.432000 0.145337 0.360961
7433 7.433000 0.144968 0.377581
7434 7.434000 0.144580 0.397176
7435 7.435000 0.144173 0.418105
7436 7.436000 0.143744 0.438625
7437 7.437000 0.143297 0.457016
7438 7.438000 0.142832 0.471702
7439 7.439000 0.142356 0.481381
7440 7.440000 0.141872 0.485147
7441 7.441000 0.141388 0.482618
7442 7.442000 0.140910 0.473999
7443 7.443000 0.140443 0.460025
7444 7.444000 0.139992 0.441840
7445 7.445000 0.139561 0.420877
7446 7.446000 0.139151 0.398741
7447 7.447000 0.138763 0.377089
7448 7.448000 0.138396 0.357507
7449 7.449000 0.138046 0.341397
7450 7.450000 0.137711 0.329852
7451 7.451000 0.137384 0.323541
7452 7.452000 0.137061 0.322636
7453 7.453000 0.136736 0.326856
7454 7.454000 0.136405 0.335556
7455 7.455000 0.136063 0.347818
7456 7.456000 0.135708 0.362539
7457 7.457000 0.135338 0.378527
7458 7.458000 0.134951 0.394588
7459 7.459000 0.134549 0.409617
7460 7.460000 0.134133 0.422692
7461 7.461000 0.133705 0.433158
7462 7.462000 0.133268 0.440691
7463 7.463000 0.132825 0.445266
7464 7.464000 0.132379 0.447104
7465 7.465000 0.131932 0.446607
7466 7.466000 0.131486 0.444304
7467 7.467000 0.131044 0.440790
7468 7.468000 0.130605 0.436666
7469 7.469000 0.130171 0.432476
7470 7.470000 0.129740 0.428656
7471 7.471000 0.129313 0.425468
7472 7.472000 0.128889 0.422969
7473 7.473000 0.128467 0.421031
7474 7.474000 0.128047 0.419393
7475 7.475000 0.127628 0.417709
7476 7.476000 0.127211 0.415592
7477 7.477000 0.126797 0.412668
7478 7.478000 0.126387 0.408620
7479 7.479000 0.125981 0.403241
7480 7.480000 0.125581 0.396478
7481 7.481000 0.125188 0.388481
7482 7.482000 0.124804 0.379627
7483 7.483000 0.124429 0.370483
7484 7.484000 0.124063 0.361738
7485 7.485000 0.123705 0.354142
7486 7.486000 0.123354 0.348441
7487 7.487000 0.123007 0.345313
7488 7.488000 0.122662 0.345305

7489	7.489000	0.122315	0.348767
7490	7.490000	0.121962	0.355788
7491	7.491000	0.121601	0.366135
7492	7.492000	0.121229	0.379219
7493	7.493000	0.120842	0.394159
7494	7.494000	0.120440	0.409860
7495	7.495000	0.120023	0.425114
7496	7.496000	0.119591	0.438683
7497	7.497000	0.119147	0.449392
7498	7.498000	0.118694	0.456222
7499	7.499000	0.118237	0.458394
7500	7.500000	0.117780	0.455466
7501	7.501000	0.117328	0.447419
7502	7.502000	0.116887	0.434701
7503	7.503000	0.116461	0.418171
7504	7.504000	0.116052	0.398995
7505	7.505000	0.115663	0.378537
7506	7.506000	0.115295	0.358261
7507	7.507000	0.114946	0.339621
7508	7.508000	0.114614	0.323960
7509	7.509000	0.114296	0.312403
7510	7.510000	0.113987	0.305753
7511	7.511000	0.113682	0.304389
7512	7.512000	0.113376	0.308207
7513	7.513000	0.113063	0.316671
7514	7.514000	0.112740	0.328911
7515	7.515000	0.112404	0.343819
7516	7.516000	0.112052	0.360150
7517	7.517000	0.111684	0.376620
7518	7.518000	0.111299	0.392000
7519	7.519000	0.110901	0.405219
7520	7.520000	0.110490	0.415461
7521	7.521000	0.110071	0.422261
7522	7.522000	0.109648	0.425561
7523	7.523000	0.109222	0.425669
7524	7.524000	0.108798	0.423175
7525	7.525000	0.108376	0.418869
7526	7.526000	0.107960	0.413652
7527	7.527000	0.107549	0.408458
7528	7.528000	0.107143	0.404165
7529	7.529000	0.106740	0.401511
7530	7.530000	0.106339	0.401013
7531	7.531000	0.105937	0.402881
7532	7.532000	0.105532	0.406972
7533	7.533000	0.105122	0.412831
7534	7.534000	0.104706	0.419765
7535	7.535000	0.104282	0.426927
7536	7.536000	0.103852	0.433385
7537	7.537000	0.103416	0.438210
7538	7.538000	0.102977	0.440545
7539	7.539000	0.102537	0.439689
7540	7.540000	0.102099	0.435170
7541	7.541000	0.101668	0.426827
7542	7.542000	0.101248	0.414851
7543	7.543000	0.100840	0.399749
7544	7.544000	0.100449	0.382277
7545	7.545000	0.100076	0.363369
7546	7.546000	0.099723	0.344068
7547	7.547000	0.099388	0.325458

7548	7.548000	0.099071	0.308591
7549	7.549000	0.098769	0.294420
7550	7.550000	0.098480	0.283729
7551	7.551000	0.098200	0.277063
7552	7.552000	0.097924	0.274684
7553	7.553000	0.097648	0.276586
7554	7.554000	0.097369	0.282529
7555	7.555000	0.097082	0.292083
7556	7.556000	0.096783	0.304660
7557	7.557000	0.096471	0.319560
7558	7.558000	0.096143	0.336003
7559	7.559000	0.095799	0.353171
7560	7.560000	0.095437	0.370244
7561	7.561000	0.095059	0.386444
7562	7.562000	0.094665	0.401060
7563	7.563000	0.094258	0.413468
7564	7.564000	0.093839	0.423145
7565	7.565000	0.093413	0.429671
7566	7.566000	0.092982	0.432749
7567	7.567000	0.092549	0.432207
7568	7.568000	0.092119	0.428016
7569	7.569000	0.091695	0.420294
7570	7.570000	0.091280	0.409320
7571	7.571000	0.090878	0.395542
7572	7.572000	0.090490	0.379575
7573	7.573000	0.090119	0.362169
7574	7.574000	0.089766	0.344157
7575	7.575000	0.089431	0.326410
7576	7.576000	0.089113	0.309790
7577	7.577000	0.088810	0.295100
7578	7.578000	0.088521	0.283037
7579	7.579000	0.088243	0.274146
7580	7.580000	0.087971	0.268771
7581	7.581000	0.087703	0.267007
7582	7.582000	0.087436	0.268676
7583	7.583000	0.087165	0.273363
7584	7.584000	0.086888	0.280469
7585	7.585000	0.086603	0.289264
7586	7.586000	0.086309	0.298952
7587	7.587000	0.086005	0.308719
7588	7.588000	0.085692	0.317795
7589	7.589000	0.085370	0.325506
7590	7.590000	0.085041	0.331334
7591	7.591000	0.084708	0.334973
7592	7.592000	0.084373	0.336357
7593	7.593000	0.084037	0.335643
7594	7.594000	0.083702	0.333160
7595	7.595000	0.083371	0.329366
7596	7.596000	0.083044	0.324800
7597	7.597000	0.082721	0.320033
7598	7.598000	0.082404	0.315627
7599	7.599000	0.082090	0.312081
7600	7.600000	0.081779	0.309791
7601	7.601000	0.081469	0.308999
7602	7.602000	0.081160	0.309768
7603	7.603000	0.080849	0.311997
7604	7.604000	0.080535	0.315449
7605	7.605000	0.080218	0.319795
7606	7.606000	0.079896	0.324637

7607	7.607000	0.079569	0.329552
7608	7.608000	0.079237	0.334116
7609	7.609000	0.078901	0.337946
7610	7.610000	0.078561	0.340730
7611	7.611000	0.078220	0.342260
7612	7.612000	0.077877	0.342455
7613	7.613000	0.077536	0.341348
7614	7.614000	0.077195	0.339064
7615	7.615000	0.076858	0.335796
7616	7.616000	0.076524	0.331779
7617	7.617000	0.076195	0.327268
7618	7.618000	0.075870	0.322513
7619	7.619000	0.075550	0.317736
7620	7.620000	0.075234	0.313104
7621	7.621000	0.074923	0.308711
7622	7.622000	0.074617	0.304558
7623	7.623000	0.074314	0.300571
7624	7.624000	0.074016	0.296620
7625	7.625000	0.073721	0.292546
7626	7.626000	0.073431	0.288179
7627	7.627000	0.073145	0.283368
7628	7.628000	0.072864	0.277998
7629	7.629000	0.072589	0.272017
7630	7.630000	0.072320	0.265458
7631	7.631000	0.072058	0.258463
7632	7.632000	0.071804	0.251289
7633	7.633000	0.071556	0.244295
7634	7.634000	0.071315	0.237897
7635	7.635000	0.071079	0.232541
7636	7.636000	0.070849	0.228668
7637	7.637000	0.070621	0.226673
7638	7.638000	0.070394	0.226879
7639	7.639000	0.070166	0.229493
7640	7.640000	0.069934	0.234582
7641	7.641000	0.069696	0.242029
7642	7.642000	0.069449	0.251522
7643	7.643000	0.069192	0.262581
7644	7.644000	0.068923	0.274606
7645	7.645000	0.068643	0.286923
7646	7.646000	0.068350	0.298829
7647	7.647000	0.068046	0.309641
7648	7.648000	0.067731	0.318745
7649	7.649000	0.067409	0.325639
7650	7.650000	0.067081	0.329982
7651	7.651000	0.066751	0.331640
7652	7.652000	0.066419	0.330713
7653	7.653000	0.066090	0.327505
7654	7.654000	0.065765	0.322480
7655	7.655000	0.065446	0.316210
7656	7.656000	0.065133	0.309329
7657	7.657000	0.064827	0.302486
7658	7.658000	0.064528	0.296290
7659	7.659000	0.064234	0.291272
7660	7.660000	0.063945	0.287828
7661	7.661000	0.063658	0.286173
7662	7.662000	0.063371	0.286317
7663	7.663000	0.063084	0.288082
7664	7.664000	0.062794	0.291147
7665	7.665000	0.062501	0.295084

7666	7.666000	0.062204	0.299410
7667	7.667000	0.061903	0.303617
7668	7.668000	0.061597	0.307223
7669	7.669000	0.061289	0.309813
7670	7.670000	0.060978	0.311074
7671	7.671000	0.060667	0.310845
7672	7.672000	0.060357	0.309136
7673	7.673000	0.060050	0.306112
7674	7.674000	0.059746	0.302057
7675	7.675000	0.059446	0.297336
7676	7.676000	0.059151	0.292360
7677	7.677000	0.058861	0.287550
7678	7.678000	0.058576	0.283303
7679	7.679000	0.058294	0.279949
7680	7.680000	0.058015	0.277723
7681	7.681000	0.057738	0.276722
7682	7.682000	0.057461	0.276892
7683	7.683000	0.057184	0.278040
7684	7.684000	0.056905	0.279868
7685	7.685000	0.056624	0.282013
7686	7.686000	0.056341	0.284074
7687	7.687000	0.056056	0.285650
7688	7.688000	0.055770	0.286373
7689	7.689000	0.055484	0.285942
7690	7.690000	0.055199	0.284158
7691	7.691000	0.054916	0.280956
7692	7.692000	0.054637	0.276427
7693	7.693000	0.054364	0.270794
7694	7.694000	0.054096	0.264383
7695	7.695000	0.053835	0.257591
7696	7.696000	0.053581	0.250845
7697	7.697000	0.053333	0.244577
7698	7.698000	0.053091	0.239182
7699	7.699000	0.052854	0.234991
7700	7.700000	0.052621	0.232234
7701	7.701000	0.052389	0.231005
7702	7.702000	0.052158	0.231247
7703	7.703000	0.051926	0.232768
7704	7.704000	0.051692	0.235274
7705	7.705000	0.051455	0.238398
7706	7.706000	0.051215	0.241738
7707	7.707000	0.050972	0.244889
7708	7.708000	0.050726	0.247471
7709	7.709000	0.050477	0.249168
7710	7.710000	0.050228	0.249755
7711	7.711000	0.049978	0.249137
7712	7.712000	0.049730	0.247359
7713	7.713000	0.049484	0.244597
7714	7.714000	0.049241	0.241125
7715	7.715000	0.049002	0.237280
7716	7.716000	0.048767	0.233439
7717	7.717000	0.048535	0.229979
7718	7.718000	0.048306	0.227253
7719	7.719000	0.048080	0.225556
7720	7.720000	0.047855	0.225095
7721	7.721000	0.047629	0.225957
7722	7.722000	0.047402	0.228091
7723	7.723000	0.047172	0.231328
7724	7.724000	0.046939	0.235402

7725	7.725000	0.046701	0.239983
7726	7.726000	0.046459	0.244704
7727	7.727000	0.046212	0.249190
7728	7.728000	0.045961	0.253086
7729	7.729000	0.045706	0.256087
7730	7.730000	0.045449	0.257963
7731	7.731000	0.045191	0.258590
7732	7.732000	0.044933	0.257966
7733	7.733000	0.044676	0.256200
7734	7.734000	0.044421	0.253487
7735	7.735000	0.044169	0.250084
7736	7.736000	0.043921	0.246289
7737	7.737000	0.043676	0.242413
7738	7.738000	0.043436	0.238762
7739	7.739000	0.043199	0.235607
7740	7.740000	0.042964	0.233165
7741	7.741000	0.042732	0.231573
7742	7.742000	0.042501	0.230875
7743	7.743000	0.042270	0.231030
7744	7.744000	0.042038	0.231933
7745	7.745000	0.041806	0.233429
7746	7.746000	0.041571	0.235335
7747	7.747000	0.041335	0.237457
7748	7.748000	0.041096	0.239612
7749	7.749000	0.040856	0.241640
7750	7.750000	0.040613	0.243429
7751	7.751000	0.040369	0.244930
7752	7.752000	0.040123	0.246169
7753	7.753000	0.039877	0.247234
7754	7.754000	0.039629	0.248263
7755	7.755000	0.039380	0.249421
7756	7.756000	0.039130	0.250887
7757	7.757000	0.038878	0.252831
7758	7.758000	0.038624	0.255401
7759	7.759000	0.038367	0.258700
7760	7.760000	0.038106	0.262775
7761	7.761000	0.037841	0.267593
7762	7.762000	0.037571	0.273036
7763	7.763000	0.037295	0.278906
7764	7.764000	0.037013	0.284947
7765	7.765000	0.036725	0.290861
7766	7.766000	0.036431	0.296323
7767	7.767000	0.036133	0.301004
7768	7.768000	0.035830	0.304584
7769	7.769000	0.035524	0.306772
7770	7.770000	0.035217	0.307324
7771	7.771000	0.034910	0.306059
7772	7.772000	0.034606	0.302871
7773	7.773000	0.034306	0.297734
7774	7.774000	0.034011	0.290690
7775	7.775000	0.033725	0.281849
7776	7.776000	0.033449	0.271381
7777	7.777000	0.033183	0.259513
7778	7.778000	0.032930	0.246522
7779	7.779000	0.032690	0.232732
7780	7.780000	0.032465	0.218506
7781	7.781000	0.032253	0.204242
7782	7.782000	0.032056	0.190368
7783	7.783000	0.031872	0.177320

7784	7.784000	0.031701	0.165532
7785	7.785000	0.031540	0.155410
7786	7.786000	0.031389	0.147320
7787	7.787000	0.031245	0.141565
7788	7.788000	0.031105	0.138372
7789	7.789000	0.030966	0.137868
7790	7.790000	0.030828	0.140066
7791	7.791000	0.030685	0.144846
7792	7.792000	0.030537	0.151947
7793	7.793000	0.030380	0.160985
7794	7.794000	0.030214	0.171484
7795	7.795000	0.030037	0.182905
7796	7.796000	0.029848	0.194671
7797	7.797000	0.029648	0.206202
7798	7.798000	0.029436	0.216943
7799	7.799000	0.029214	0.226390
7800	7.800000	0.028984	0.234122
7801	7.801000	0.028747	0.239831
7802	7.802000	0.028505	0.243337
7803	7.803000	0.028262	0.244587
7804	7.804000	0.028017	0.243638
7805	7.805000	0.027775	0.240641
7806	7.806000	0.027537	0.235827
7807	7.807000	0.027304	0.229491
7808	7.808000	0.027079	0.221974
7809	7.809000	0.026861	0.213652
7810	7.810000	0.026652	0.204916
7811	7.811000	0.026451	0.196160
7812	7.812000	0.026259	0.187765
7813	7.813000	0.026075	0.180085
7814	7.814000	0.025898	0.173438
7815	7.815000	0.025728	0.168091
7816	7.816000	0.025561	0.164249
7817	7.817000	0.025398	0.162043
7818	7.818000	0.025237	0.161518
7819	7.819000	0.025074	0.162622
7820	7.820000	0.024911	0.165194
7821	7.821000	0.024743	0.168948
7822	7.822000	0.024572	0.173480
7823	7.823000	0.024396	0.178293
7824	7.824000	0.024216	0.182839
7825	7.825000	0.024031	0.186561
7826	7.826000	0.023843	0.188931
7827	7.827000	0.023654	0.189500
7828	7.828000	0.023465	0.187928
7829	7.829000	0.023279	0.184036
7830	7.830000	0.023099	0.177840
7831	7.831000	0.022925	0.169597
7832	7.832000	0.022760	0.159815
7833	7.833000	0.022606	0.149214
7834	7.834000	0.022462	0.138654
7835	7.835000	0.022328	0.129061
7836	7.836000	0.022203	0.121361
7837	7.837000	0.022084	0.116405
7838	7.838000	0.021968	0.114904
7839	7.839000	0.021852	0.117349
7840	7.840000	0.021731	0.123952
7841	7.841000	0.021602	0.134565
7842	7.842000	0.021460	0.148654

7843	7.843000	0.021303	0.165353
7844	7.844000	0.021129	0.183552
7845	7.845000	0.020936	0.201994
7846	7.846000	0.020725	0.219364
7847	7.847000	0.020499	0.234386
7848	7.848000	0.020258	0.245912
7849	7.849000	0.020009	0.253014
7850	7.850000	0.019755	0.255082
7851	7.851000	0.019501	0.251910
7852	7.852000	0.019254	0.243748
7853	7.853000	0.019016	0.231250
7854	7.854000	0.018793	0.215382
7855	7.855000	0.018586	0.197324
7856	7.856000	0.018399	0.178380
7857	7.857000	0.018229	0.159880
7858	7.858000	0.018078	0.143086
7859	7.859000	0.017942	0.129097
7860	7.860000	0.017818	0.118756
7861	7.861000	0.017702	0.112556
7862	7.862000	0.017591	0.110582
7863	7.863000	0.017479	0.112551
7864	7.864000	0.017364	0.117885
7865	7.865000	0.017242	0.125786
7866	7.866000	0.017112	0.135312
7867	7.867000	0.016971	0.145455
7868	7.868000	0.016821	0.155214
7869	7.869000	0.016661	0.163671
7870	7.870000	0.016495	0.170069
7871	7.871000	0.016323	0.173883
7872	7.872000	0.016148	0.174873
7873	7.873000	0.015974	0.173062
7874	7.874000	0.015803	0.168692
7875	7.875000	0.015638	0.162179
7876	7.876000	0.015480	0.154068
7877	7.877000	0.015330	0.144986
7878	7.878000	0.015190	0.135594
7879	7.879000	0.015059	0.126547
7880	7.880000	0.014936	0.118444
7881	7.881000	0.014821	0.111781
7882	7.882000	0.014712	0.106924
7883	7.883000	0.014606	0.104104
7884	7.884000	0.014503	0.103430
7885	7.885000	0.014398	0.104902
7886	7.886000	0.014292	0.108421
7887	7.887000	0.014181	0.113804
7888	7.888000	0.014063	0.120797
7889	7.889000	0.013938	0.129084
7890	7.890000	0.013805	0.138302
7891	7.891000	0.013662	0.148051
7892	7.892000	0.013509	0.157910
7893	7.893000	0.013346	0.167452
7894	7.894000	0.013174	0.176256
7895	7.895000	0.012994	0.183929
7896	7.896000	0.012807	0.190116
7897	7.897000	0.012615	0.194521
7898	7.898000	0.012419	0.196919
7899	7.899000	0.012222	0.197176
7900	7.900000	0.012026	0.195261
7901	7.901000	0.011832	0.191263

7902	7.902000	0.011644	0.185401
7903	7.903000	0.011462	0.177998
7904	7.904000	0.011289	0.169461
7905	7.905000	0.011124	0.160247
7906	7.906000	0.010968	0.150841
7907	7.907000	0.010822	0.141723
7908	7.908000	0.010684	0.133340
7909	7.909000	0.010555	0.126081
7910	7.910000	0.010432	0.120250
7911	7.911000	0.010313	0.116032
7912	7.912000	0.010199	0.113482
7913	7.913000	0.010086	0.112535
7914	7.914000	0.009973	0.113028
7915	7.915000	0.009859	0.114726
7916	7.916000	0.009743	0.117340
7917	7.917000	0.009624	0.120553
7918	7.918000	0.009502	0.124045
7919	7.919000	0.009376	0.127512
7920	7.920000	0.009247	0.130693
7921	7.921000	0.009115	0.133388
7922	7.922000	0.008980	0.135480
7923	7.923000	0.008844	0.136923
7924	7.924000	0.008707	0.137736
7925	7.925000	0.008569	0.137987
7926	7.926000	0.008431	0.137784
7927	7.927000	0.008294	0.137259
7928	7.928000	0.008157	0.136559
7929	7.929000	0.008020	0.135832
7930	7.930000	0.007885	0.135213
7931	7.931000	0.007750	0.134818
7932	7.932000	0.007615	0.134726
7933	7.933000	0.007480	0.134986
7934	7.934000	0.007345	0.135614
7935	7.935000	0.007209	0.136598
7936	7.936000	0.007072	0.137895
7937	7.937000	0.006933	0.139441
7938	7.938000	0.006793	0.141146
7939	7.939000	0.006651	0.142898
7940	7.940000	0.006507	0.144567
7941	7.941000	0.006362	0.146005
7942	7.942000	0.006215	0.147051
7943	7.943000	0.006068	0.147542
7944	7.944000	0.005920	0.147322
7945	7.945000	0.005774	0.146255
7946	7.946000	0.005628	0.144238
7947	7.947000	0.005486	0.141214
7948	7.948000	0.005346	0.137180
7949	7.949000	0.005212	0.132202
7950	7.950000	0.005082	0.126427
7951	7.951000	0.004959	0.120093
7952	7.952000	0.004842	0.113531
7953	7.953000	0.004732	0.107141
7954	7.954000	0.004628	0.101358
7955	7.955000	0.004529	0.096613
7956	7.956000	0.004434	0.093301
7957	7.957000	0.004341	0.091747
7958	7.958000	0.004249	0.092166
7959	7.959000	0.004156	0.094633
7960	7.960000	0.004059	0.099044

7961	7.961000	0.003957	0.105083
7962	7.962000	0.003848	0.112211
7963	7.963000	0.003732	0.119711
7964	7.964000	0.003609	0.126756
7965	7.965000	0.003480	0.132481
7966	7.966000	0.003345	0.136048
7967	7.967000	0.003209	0.136721
7968	7.968000	0.003074	0.133931
7969	7.969000	0.002943	0.127348
7970	7.970000	0.002821	0.116947
7971	7.971000	0.002711	0.103083
7972	7.972000	0.002616	0.086510
7973	7.973000	0.002539	0.068321
7974	7.974000	0.002480	0.049827
7975	7.975000	0.002438	0.032453
7976	7.976000	0.002413	0.017624
7977	7.977000	0.002401	0.006652
7978	7.978000	0.002398	0.000625
7979	7.979000	0.002397	0.000296
7980	7.980000	0.002394	0.005969
7981	7.981000	0.002382	0.017394
7982	7.982000	0.002357	0.033715
7983	7.983000	0.002313	0.053581
7984	7.984000	0.002249	0.075319
7985	7.985000	0.002162	0.097107
7986	7.986000	0.002055	0.117147
7987	7.987000	0.001930	0.133844
7988	7.988000	0.001790	0.145973
7989	7.989000	0.001640	0.152859
7990	7.990000	0.001487	0.154549
7991	7.991000	0.001333	0.151979
7992	7.992000	0.001184	0.146983
7993	7.993000	0.001040	0.141891
7994	7.994000	0.000899	0.138971
7995	7.995000	0.000760	0.139856
7996	7.996000	0.000617	0.144980
7997	7.997000	0.000468	0.153006
7998	7.998000	0.000312	0.160266
7999	7.999000	0.000151	0.160183
8000	8.000000	0.000000	0.142742