

Predicting the Failure of Aluminum Exposed to Simulated Fire and Mechanical Loading Using
Finite Element Modeling

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Master of Science
In
Engineering Mechanics

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Example ABAQUS Input File

Coupled Temperature Displacement Step

8mm thick plate - 38 kW/m^2 applied heat flux and an applied stress of 25% of the critical buckling load

*Heading

** Job name: NM2_Shell_8mm_Test25 Model name: Model-2

** Generated by: Abaqus/CAE 6.10-EF1

*Preprint, echo=NO, model=NO, history=NO, contact=NO

**

** PARTS

**

*Part, name=Part-1

*Node

1,	143.248856,	217.355545,	0.
2,	143.248856,	131.861725,	0.
3,	163.625214,	131.861725,	0.
4,	163.625214,	217.355545,	0.
5,	61.3850517,	217.355545,	0.
6,	61.3850517,	131.861725,	0.
7,	81.8126068,	131.861725,	0.
8,	81.8126068,	217.355545,	0.
9,	143.248856,	389.417236,	0.
10,	143.248856,	303.064178,	0.
11,	163.625214,	303.064178,	0.
12,	163.625214,	389.417236,	0.
13,	61.3850517,	389.417236,	0.
14,	61.3850517,	303.064178,	0.
15,	81.8126068,	303.064178,	0.
16,	81.8126068,	389.417236,	0.
17,	143.248856,	562.123352,	0.
18,	143.248856,	475.770264,	0.
19,	163.625214,	475.770264,	0.
20,	163.625214,	562.123352,	0.
21,	61.3850517,	562.123352,	0.
22,	61.3850517,	475.770264,	0.
23,	81.8126068,	475.770264,	0.
24,	81.8126068,	562.123352,	0.
25,	143.248856,	733.325806,	0.
26,	143.248856,	647.83197,	0.
27,	163.625214,	647.83197,	0.
28,	163.625214,	733.325806,	0.
29,	61.3850517,	733.325806,	0.
30,	61.3850517,	647.83197,	0.
31,	81.8126068,	647.83197,	0.
32,	81.8126068,	733.325806,	0.
33,	163.625214,	63.5,	0.
34,	163.625214,	88.9000015,	0.
35,	122.872498,	88.9000015,	0.
36,	143.351257,	63.5,	0.
37,	122.872498,	63.5,	0.

38,	122.872498,	131.861725,	0.
39,	122.872498,	217.355545,	0.
40,	122.872498,	303.064178,	0.
41,	122.872498,	389.417236,	0.
42,	163.625214,	432.59375,	0.
43,	122.872498,	432.59375,	0.
44,	122.872498,	475.770264,	0.
45,	122.872498,	562.123352,	0.
46,	122.872498,	647.83197,	0.
47,	122.872498,	733.325806,	0.
48,	163.625214,	776.287476,	0.
49,	122.872498,	776.287476,	0.
50,	163.625214,	801.6875,	0.
51,	204.787506,	776.287476,	0.
52,	184.20636,	801.6875,	0.
53,	204.787506,	801.6875,	0.
54,	102.393753,	88.9000015,	0.
55,	102.393753,	63.5,	0.
56,	102.393753,	131.861725,	0.
57,	102.393753,	217.355545,	0.
58,	102.393753,	303.064178,	0.
59,	102.393753,	389.417236,	0.
60,	102.393753,	432.59375,	0.
61,	102.393753,	475.770264,	0.
62,	102.393753,	562.123352,	0.
63,	102.393753,	647.83197,	0.
64,	102.393753,	733.325806,	0.
65,	102.393753,	776.287476,	0.
66,	143.351257,	801.6875,	0.
67,	122.872498,	801.6875,	0.
68,	40.9575005,	801.6875,	0.
69,	40.9575005,	776.287476,	0.
70,	81.8126068,	776.287476,	0.
71,	61.2314644,	801.6875,	0.
72,	81.8126068,	801.6875,	0.
73,	40.9575005,	733.325806,	0.
74,	40.9575005,	647.83197,	0.
75,	40.9575005,	562.123352,	0.
76,	40.9575005,	475.770264,	0.
77,	40.9575005,	432.59375,	0.
78,	81.8126068,	432.59375,	0.
79,	40.9575005,	389.417236,	0.
80,	40.9575005,	303.064178,	0.
81,	40.9575005,	217.355545,	0.
82,	40.9575005,	131.861725,	0.
83,	40.9575005,	88.9000015,	0.

84,	81.8126068,	88.9000015,	0.
85,	40.9575005,	63.5,	0.
86,	61.2314644,	63.5,	0.
87,	81.8126068,	63.5,	0.
88,	0.,	88.9000015,	0.
89,	20.4787502,	63.5,	0.
90,	0.,	63.5,	0.
91,	0.,	131.861725,	0.
92,	0.,	217.355545,	0.
93,	0.,	303.064178,	0.
94,	0.,	389.417236,	0.
95,	0.,	432.59375,	0.
96,	0.,	475.770264,	0.
97,	0.,	562.123352,	0.
98,	0.,	647.83197,	0.
99,	0.,	733.325806,	0.
100,	0.,	776.287476,	0.
101,	102.393753,	801.6875,	0.
102,	204.787506,	865.1875,	0.
103,	102.393753,	865.1875,	0.
104,	0.,	801.6875,	0.
105,	20.4787502,	801.6875,	0.
106,	0.,	865.1875,	0.
107,	204.787506,	733.325806,	0.
108,	204.787506,	647.83197,	0.
109,	204.787506,	562.123352,	0.
110,	204.787506,	475.770264,	0.
111,	204.787506,	432.59375,	0.
112,	204.787506,	389.417236,	0.
113,	204.787506,	303.064178,	0.
114,	204.787506,	217.355545,	0.
115,	204.787506,	131.861725,	0.
116,	204.787506,	88.9000015,	0.
117,	184.20636,	63.5,	0.
118,	204.787506,	63.5,	0.
119,	102.393753,	0.,	0.
120,	204.787506,	0.,	0.
121,	0.,	0.,	0.
122,	143.248856,	212.012177,	0.
123,	143.248856,	206.668808,	0.
124,	143.248856,	201.325455,	0.
125,	143.248856,	195.982086,	0.
126,	143.248856,	190.638718,	0.
127,	143.248856,	185.295349,	0.
128,	143.248856,	179.951996,	0.
129,	143.248856,	174.608627,	0.

130,	143.248856,	169.265259,	0.
131,	143.248856,	163.921906,	0.
132,	143.248856,	158.578537,	0.
133,	143.248856,	153.235168,	0.
134,	143.248856,	147.891815,	0.
135,	143.248856,	142.548447,	0.
136,	143.248856,	137.205078,	0.
137,	148.342941,	131.861725,	0.
138,	153.437027,	131.861725,	0.
139,	158.531128,	131.861725,	0.
140,	163.625214,	137.205078,	0.
141,	163.625214,	142.548447,	0.
142,	163.625214,	147.891815,	0.
143,	163.625214,	153.235168,	0.
144,	163.625214,	158.578537,	0.
145,	163.625214,	163.921906,	0.
146,	163.625214,	169.265259,	0.
147,	163.625214,	174.608627,	0.
148,	163.625214,	179.951996,	0.
149,	163.625214,	185.295349,	0.
150,	163.625214,	190.638718,	0.
151,	163.625214,	195.982086,	0.
152,	163.625214,	201.325455,	0.
153,	163.625214,	206.668808,	0.
154,	163.625214,	212.012177,	0.
155,	158.531128,	217.355545,	0.
156,	153.437027,	217.355545,	0.
157,	148.342941,	217.355545,	0.
158,	61.3850517,	212.012177,	0.
159,	61.3850517,	206.668808,	0.
160,	61.3850517,	201.325455,	0.
161,	61.3850517,	195.982086,	0.
162,	61.3850517,	190.638718,	0.
163,	61.3850517,	185.295349,	0.
164,	61.3850517,	179.951996,	0.
165,	61.3850517,	174.608627,	0.
166,	61.3850517,	169.265259,	0.
167,	61.3850517,	163.921906,	0.
168,	61.3850517,	158.578537,	0.
169,	61.3850517,	153.235168,	0.
170,	61.3850517,	147.891815,	0.
171,	61.3850517,	142.548447,	0.
172,	61.3850517,	137.205078,	0.
173,	66.4919434,	131.861725,	0.
174,	71.5988312,	131.861725,	0.
175,	76.705719,	131.861725,	0.

176,	81.8126068,	137.205078,	0.
177,	81.8126068,	142.548447,	0.
178,	81.8126068,	147.891815,	0.
179,	81.8126068,	153.235168,	0.
180,	81.8126068,	158.578537,	0.
181,	81.8126068,	163.921906,	0.
182,	81.8126068,	169.265259,	0.
183,	81.8126068,	174.608627,	0.
184,	81.8126068,	179.951996,	0.
185,	81.8126068,	185.295349,	0.
186,	81.8126068,	190.638718,	0.
187,	81.8126068,	195.982086,	0.
188,	81.8126068,	201.325455,	0.
189,	81.8126068,	206.668808,	0.
190,	81.8126068,	212.012177,	0.
191,	76.705719,	217.355545,	0.
192,	71.5988312,	217.355545,	0.
193,	66.4919434,	217.355545,	0.
194,	143.248856,	384.020172,	0.
195,	143.248856,	378.623077,	0.
196,	143.248856,	373.226013,	0.
197,	143.248856,	367.828949,	0.
198,	143.248856,	362.431885,	0.
199,	143.248856,	357.034821,	0.
200,	143.248856,	351.637756,	0.
201,	143.248856,	346.240692,	0.
202,	143.248856,	340.843628,	0.
203,	143.248856,	335.446564,	0.
204,	143.248856,	330.0495,	0.
205,	143.248856,	324.652435,	0.
206,	143.248856,	319.255371,	0.
207,	143.248856,	313.858307,	0.
208,	143.248856,	308.461243,	0.
209,	148.342941,	303.064178,	0.
210,	153.437027,	303.064178,	0.
211,	158.531128,	303.064178,	0.
212,	163.625214,	308.461243,	0.
213,	163.625214,	313.858307,	0.
214,	163.625214,	319.255371,	0.
215,	163.625214,	324.652435,	0.
216,	163.625214,	330.0495,	0.
217,	163.625214,	335.446564,	0.
218,	163.625214,	340.843628,	0.
219,	163.625214,	346.240692,	0.
220,	163.625214,	351.637756,	0.
221,	163.625214,	357.034821,	0.

222,	163.625214,	362.431885,	0.
223,	163.625214,	367.828949,	0.
224,	163.625214,	373.226013,	0.
225,	163.625214,	378.623077,	0.
226,	163.625214,	384.020172,	0.
227,	158.531128,	389.417236,	0.
228,	153.437027,	389.417236,	0.
229,	148.342941,	389.417236,	0.
230,	61.3850517,	384.020172,	0.
231,	61.3850517,	378.623077,	0.
232,	61.3850517,	373.226013,	0.
233,	61.3850517,	367.828949,	0.
234,	61.3850517,	362.431885,	0.
235,	61.3850517,	357.034821,	0.
236,	61.3850517,	351.637756,	0.
237,	61.3850517,	346.240692,	0.
238,	61.3850517,	340.843628,	0.
239,	61.3850517,	335.446564,	0.
240,	61.3850517,	330.0495,	0.
241,	61.3850517,	324.652435,	0.
242,	61.3850517,	319.255371,	0.
243,	61.3850517,	313.858307,	0.
244,	61.3850517,	308.461243,	0.
245,	66.4919434,	303.064178,	0.
246,	71.5988312,	303.064178,	0.
247,	76.705719,	303.064178,	0.
248,	81.8126068,	308.461243,	0.
249,	81.8126068,	313.858307,	0.
250,	81.8126068,	319.255371,	0.
251,	81.8126068,	324.652435,	0.
252,	81.8126068,	330.0495,	0.
253,	81.8126068,	335.446564,	0.
254,	81.8126068,	340.843628,	0.
255,	81.8126068,	346.240692,	0.
256,	81.8126068,	351.637756,	0.
257,	81.8126068,	357.034821,	0.
258,	81.8126068,	362.431885,	0.
259,	81.8126068,	367.828949,	0.
260,	81.8126068,	373.226013,	0.
261,	81.8126068,	378.623077,	0.
262,	81.8126068,	384.020172,	0.
263,	76.705719,	389.417236,	0.
264,	71.5988312,	389.417236,	0.
265,	66.4919434,	389.417236,	0.
266,	143.248856,	556.726257,	0.
267,	143.248856,	551.329224,	0.

268,	143.248856,	545.932129,	0.
269,	143.248856,	540.535095,	0.
270,	143.248856,	535.138,	0.
271,	143.248856,	529.740967,	0.
272,	143.248856,	524.343872,	0.
273,	143.248856,	518.946777,	0.
274,	143.248856,	513.549744,	0.
275,	143.248856,	508.152679,	0.
276,	143.248856,	502.755615,	0.
277,	143.248856,	497.358551,	0.
278,	143.248856,	491.961487,	0.
279,	143.248856,	486.564423,	0.
280,	143.248856,	481.167328,	0.
281,	148.342941,	475.770264,	0.
282,	153.437027,	475.770264,	0.
283,	158.531128,	475.770264,	0.
284,	163.625214,	481.167328,	0.
285,	163.625214,	486.564423,	0.
286,	163.625214,	491.961487,	0.
287,	163.625214,	497.358551,	0.
288,	163.625214,	502.755615,	0.
289,	163.625214,	508.152679,	0.
290,	163.625214,	513.549744,	0.
291,	163.625214,	518.946777,	0.
292,	163.625214,	524.343872,	0.
293,	163.625214,	529.740967,	0.
294,	163.625214,	535.138,	0.
295,	163.625214,	540.535095,	0.
296,	163.625214,	545.932129,	0.
297,	163.625214,	551.329224,	0.
298,	163.625214,	556.726257,	0.
299,	158.531128,	562.123352,	0.
300,	153.437027,	562.123352,	0.
301,	148.342941,	562.123352,	0.
302,	61.3850517,	556.726257,	0.
303,	61.3850517,	551.329224,	0.
304,	61.3850517,	545.932129,	0.
305,	61.3850517,	540.535095,	0.
306,	61.3850517,	535.138,	0.
307,	61.3850517,	529.740967,	0.
308,	61.3850517,	524.343872,	0.
309,	61.3850517,	518.946777,	0.
310,	61.3850517,	513.549744,	0.
311,	61.3850517,	508.152679,	0.
312,	61.3850517,	502.755615,	0.
313,	61.3850517,	497.358551,	0.

314,	61.3850517,	491.961487,	0.
315,	61.3850517,	486.564423,	0.
316,	61.3850517,	481.167328,	0.
317,	66.4919434,	475.770264,	0.
318,	71.5988312,	475.770264,	0.
319,	76.705719,	475.770264,	0.
320,	81.8126068,	481.167328,	0.
321,	81.8126068,	486.564423,	0.
322,	81.8126068,	491.961487,	0.
323,	81.8126068,	497.358551,	0.
324,	81.8126068,	502.755615,	0.
325,	81.8126068,	508.152679,	0.
326,	81.8126068,	513.549744,	0.
327,	81.8126068,	518.946777,	0.
328,	81.8126068,	524.343872,	0.
329,	81.8126068,	529.740967,	0.
330,	81.8126068,	535.138,	0.
331,	81.8126068,	540.535095,	0.
332,	81.8126068,	545.932129,	0.
333,	81.8126068,	551.329224,	0.
334,	81.8126068,	556.726257,	0.
335,	76.705719,	562.123352,	0.
336,	71.5988312,	562.123352,	0.
337,	66.4919434,	562.123352,	0.
338,	143.248856,	727.982422,	0.
339,	143.248856,	722.639038,	0.
340,	143.248856,	717.295715,	0.
341,	143.248856,	711.952332,	0.
342,	143.248856,	706.608948,	0.
343,	143.248856,	701.265625,	0.
344,	143.248856,	695.922241,	0.
345,	143.248856,	690.578857,	0.
346,	143.248856,	685.235535,	0.
347,	143.248856,	679.892151,	0.
348,	143.248856,	674.548767,	0.
349,	143.248856,	669.205444,	0.
350,	143.248856,	663.862061,	0.
351,	143.248856,	658.518677,	0.
352,	143.248856,	653.175354,	0.
353,	148.342941,	647.83197,	0.
354,	153.437027,	647.83197,	0.
355,	158.531128,	647.83197,	0.
356,	163.625214,	653.175354,	0.
357,	163.625214,	658.518677,	0.
358,	163.625214,	663.862061,	0.
359,	163.625214,	669.205444,	0.

360,	163.625214,	674.548767,	0.
361,	163.625214,	679.892151,	0.
362,	163.625214,	685.235535,	0.
363,	163.625214,	690.578857,	0.
364,	163.625214,	695.922241,	0.
365,	163.625214,	701.265625,	0.
366,	163.625214,	706.608948,	0.
367,	163.625214,	711.952332,	0.
368,	163.625214,	717.295715,	0.
369,	163.625214,	722.639038,	0.
370,	163.625214,	727.982422,	0.
371,	158.531128,	733.325806,	0.
372,	153.437027,	733.325806,	0.
373,	148.342941,	733.325806,	0.
374,	61.3850517,	727.982422,	0.
375,	61.3850517,	722.639038,	0.
376,	61.3850517,	717.295715,	0.
377,	61.3850517,	711.952332,	0.
378,	61.3850517,	706.608948,	0.
379,	61.3850517,	701.265625,	0.
380,	61.3850517,	695.922241,	0.
381,	61.3850517,	690.578857,	0.
382,	61.3850517,	685.235535,	0.
383,	61.3850517,	679.892151,	0.
384,	61.3850517,	674.548767,	0.
385,	61.3850517,	669.205444,	0.
386,	61.3850517,	663.862061,	0.
387,	61.3850517,	658.518677,	0.
388,	61.3850517,	653.175354,	0.
389,	66.4919434,	647.83197,	0.
390,	71.5988312,	647.83197,	0.
391,	76.705719,	647.83197,	0.
392,	81.8126068,	653.175354,	0.
393,	81.8126068,	658.518677,	0.
394,	81.8126068,	663.862061,	0.
395,	81.8126068,	669.205444,	0.
396,	81.8126068,	674.548767,	0.
397,	81.8126068,	679.892151,	0.
398,	81.8126068,	685.235535,	0.
399,	81.8126068,	690.578857,	0.
400,	81.8126068,	695.922241,	0.
401,	81.8126068,	701.265625,	0.
402,	81.8126068,	706.608948,	0.
403,	81.8126068,	711.952332,	0.
404,	81.8126068,	717.295715,	0.
405,	81.8126068,	722.639038,	0.

406,	81.8126068,	727.982422,	0.
407,	76.705719,	733.325806,	0.
408,	71.5988312,	733.325806,	0.
409,	66.4919434,	733.325806,	0.
410,	163.625214,	69.8499985,	0.
411,	163.625214,	76.1999969,	0.
412,	163.625214,	82.5500031,	0.
413,	158.531128,	88.9000015,	0.
414,	153.437027,	88.9000015,	0.
415,	148.342941,	88.9000015,	0.
416,	143.248856,	88.9000015,	0.
417,	138.15477,	88.9000015,	0.
418,	133.060684,	88.9000015,	0.
419,	127.966591,	88.9000015,	0.
420,	122.872498,	82.5500031,	0.
421,	122.872498,	76.1999969,	0.
422,	122.872498,	69.8499985,	0.
423,	148.419739,	63.5,	0.
424,	153.488235,	63.5,	0.
425,	158.556717,	63.5,	0.
426,	127.992188,	63.5,	0.
427,	133.111877,	63.5,	0.
428,	138.231567,	63.5,	0.
429,	163.625214,	94.2702179,	0.
430,	163.625214,	99.6404266,	0.
431,	163.625214,	105.010643,	0.
432,	163.625214,	110.380859,	0.
433,	163.625214,	115.751076,	0.
434,	163.625214,	121.121292,	0.
435,	163.625214,	126.491501,	0.
436,	138.15477,	131.861725,	0.
437,	133.060684,	131.861725,	0.
438,	127.966591,	131.861725,	0.
439,	122.872498,	126.491501,	0.
440,	122.872498,	121.121292,	0.
441,	122.872498,	115.751076,	0.
442,	122.872498,	110.380859,	0.
443,	122.872498,	105.010643,	0.
444,	122.872498,	99.6404266,	0.
445,	122.872498,	94.2702179,	0.
446,	138.15477,	217.355545,	0.
447,	133.060684,	217.355545,	0.
448,	127.966591,	217.355545,	0.
449,	122.872498,	212.012177,	0.
450,	122.872498,	206.668808,	0.
451,	122.872498,	201.325455,	0.

452,	122.872498,	195.982086,	0.
453,	122.872498,	190.638718,	0.
454,	122.872498,	185.295349,	0.
455,	122.872498,	179.951996,	0.
456,	122.872498,	174.608627,	0.
457,	122.872498,	169.265259,	0.
458,	122.872498,	163.921906,	0.
459,	122.872498,	158.578537,	0.
460,	122.872498,	153.235168,	0.
461,	122.872498,	147.891815,	0.
462,	122.872498,	142.548447,	0.
463,	122.872498,	137.205078,	0.
464,	163.625214,	222.712326,	0.
465,	163.625214,	228.069122,	0.
466,	163.625214,	233.425903,	0.
467,	163.625214,	238.7827,	0.
468,	163.625214,	244.139481,	0.
469,	163.625214,	249.496277,	0.
470,	163.625214,	254.853058,	0.
471,	163.625214,	260.209839,	0.
472,	163.625214,	265.56665,	0.
473,	163.625214,	270.923431,	0.
474,	163.625214,	276.280212,	0.
475,	163.625214,	281.637024,	0.
476,	163.625214,	286.993805,	0.
477,	163.625214,	292.350586,	0.
478,	163.625214,	297.707367,	0.
479,	138.15477,	303.064178,	0.
480,	133.060684,	303.064178,	0.
481,	127.966591,	303.064178,	0.
482,	122.872498,	297.707367,	0.
483,	122.872498,	292.350586,	0.
484,	122.872498,	286.993805,	0.
485,	122.872498,	281.637024,	0.
486,	122.872498,	276.280212,	0.
487,	122.872498,	270.923431,	0.
488,	122.872498,	265.56665,	0.
489,	122.872498,	260.209839,	0.
490,	122.872498,	254.853058,	0.
491,	122.872498,	249.496277,	0.
492,	122.872498,	244.139481,	0.
493,	122.872498,	238.7827,	0.
494,	122.872498,	233.425903,	0.
495,	122.872498,	228.069122,	0.
496,	122.872498,	222.712326,	0.
497,	138.15477,	389.417236,	0.

498,	133.060684,	389.417236,	0.
499,	127.966591,	389.417236,	0.
500,	122.872498,	384.020172,	0.
501,	122.872498,	378.623077,	0.
502,	122.872498,	373.226013,	0.
503,	122.872498,	367.828949,	0.
504,	122.872498,	362.431885,	0.
505,	122.872498,	357.034821,	0.
506,	122.872498,	351.637756,	0.
507,	122.872498,	346.240692,	0.
508,	122.872498,	340.843628,	0.
509,	122.872498,	335.446564,	0.
510,	122.872498,	330.0495,	0.
511,	122.872498,	324.652435,	0.
512,	122.872498,	319.255371,	0.
513,	122.872498,	313.858307,	0.
514,	122.872498,	308.461243,	0.
515,	163.625214,	394.814301,	0.
516,	163.625214,	400.211365,	0.
517,	163.625214,	405.608429,	0.
518,	163.625214,	411.005493,	0.
519,	163.625214,	416.402557,	0.
520,	163.625214,	421.799622,	0.
521,	163.625214,	427.196686,	0.
522,	158.531128,	432.59375,	0.
523,	153.437027,	432.59375,	0.
524,	148.342941,	432.59375,	0.
525,	143.248856,	432.59375,	0.
526,	138.15477,	432.59375,	0.
527,	133.060684,	432.59375,	0.
528,	127.966591,	432.59375,	0.
529,	122.872498,	427.196686,	0.
530,	122.872498,	421.799622,	0.
531,	122.872498,	416.402557,	0.
532,	122.872498,	411.005493,	0.
533,	122.872498,	405.608429,	0.
534,	122.872498,	400.211365,	0.
535,	122.872498,	394.814301,	0.
536,	163.625214,	437.990814,	0.
537,	163.625214,	443.387878,	0.
538,	163.625214,	448.784943,	0.
539,	163.625214,	454.182007,	0.
540,	163.625214,	459.579071,	0.
541,	163.625214,	464.976135,	0.
542,	163.625214,	470.373199,	0.
543,	138.15477,	475.770264,	0.

544,	133.060684,	475.770264,	0.
545,	127.966591,	475.770264,	0.
546,	122.872498,	470.373199,	0.
547,	122.872498,	464.976135,	0.
548,	122.872498,	459.579071,	0.
549,	122.872498,	454.182007,	0.
550,	122.872498,	448.784943,	0.
551,	122.872498,	443.387878,	0.
552,	122.872498,	437.990814,	0.
553,	138.15477,	562.123352,	0.
554,	133.060684,	562.123352,	0.
555,	127.966591,	562.123352,	0.
556,	122.872498,	556.726257,	0.
557,	122.872498,	551.329224,	0.
558,	122.872498,	545.932129,	0.
559,	122.872498,	540.535095,	0.
560,	122.872498,	535.138,	0.
561,	122.872498,	529.740967,	0.
562,	122.872498,	524.343872,	0.
563,	122.872498,	518.946777,	0.
564,	122.872498,	513.549744,	0.
565,	122.872498,	508.152679,	0.
566,	122.872498,	502.755615,	0.
567,	122.872498,	497.358551,	0.
568,	122.872498,	491.961487,	0.
569,	122.872498,	486.564423,	0.
570,	122.872498,	481.167328,	0.
571,	163.625214,	567.480103,	0.
572,	163.625214,	572.836914,	0.
573,	163.625214,	578.193726,	0.
574,	163.625214,	583.550476,	0.
575,	163.625214,	588.907288,	0.
576,	163.625214,	594.264038,	0.
577,	163.625214,	599.62085,	0.
578,	163.625214,	604.977661,	0.
579,	163.625214,	610.334412,	0.
580,	163.625214,	615.691223,	0.
581,	163.625214,	621.048035,	0.
582,	163.625214,	626.404785,	0.
583,	163.625214,	631.761597,	0.
584,	163.625214,	637.118408,	0.
585,	163.625214,	642.475159,	0.
586,	138.15477,	647.83197,	0.
587,	133.060684,	647.83197,	0.
588,	127.966591,	647.83197,	0.
589,	122.872498,	642.475159,	0.

590,	122.872498,	637.118408,	0.
591,	122.872498,	631.761597,	0.
592,	122.872498,	626.404785,	0.
593,	122.872498,	621.048035,	0.
594,	122.872498,	615.691223,	0.
595,	122.872498,	610.334412,	0.
596,	122.872498,	604.977661,	0.
597,	122.872498,	599.62085,	0.
598,	122.872498,	594.264038,	0.
599,	122.872498,	588.907288,	0.
600,	122.872498,	583.550476,	0.
601,	122.872498,	578.193726,	0.
602,	122.872498,	572.836914,	0.
603,	122.872498,	567.480103,	0.
604,	138.15477,	733.325806,	0.
605,	133.060684,	733.325806,	0.
606,	127.966591,	733.325806,	0.
607,	122.872498,	727.982422,	0.
608,	122.872498,	722.639038,	0.
609,	122.872498,	717.295715,	0.
610,	122.872498,	711.952332,	0.
611,	122.872498,	706.608948,	0.
612,	122.872498,	701.265625,	0.
613,	122.872498,	695.922241,	0.
614,	122.872498,	690.578857,	0.
615,	122.872498,	685.235535,	0.
616,	122.872498,	679.892151,	0.
617,	122.872498,	674.548767,	0.
618,	122.872498,	669.205444,	0.
619,	122.872498,	663.862061,	0.
620,	122.872498,	658.518677,	0.
621,	122.872498,	653.175354,	0.
622,	163.625214,	738.695984,	0.
623,	163.625214,	744.066223,	0.
624,	163.625214,	749.436401,	0.
625,	163.625214,	754.806641,	0.
626,	163.625214,	760.17688,	0.
627,	163.625214,	765.547058,	0.
628,	163.625214,	770.917297,	0.
629,	158.531128,	776.287476,	0.
630,	153.437027,	776.287476,	0.
631,	148.342941,	776.287476,	0.
632,	143.248856,	776.287476,	0.
633,	138.15477,	776.287476,	0.
634,	133.060684,	776.287476,	0.
635,	127.966591,	776.287476,	0.

636,	122.872498,	770.917297,	0.
637,	122.872498,	765.547058,	0.
638,	122.872498,	760.17688,	0.
639,	122.872498,	754.806641,	0.
640,	122.872498,	749.436401,	0.
641,	122.872498,	744.066223,	0.
642,	122.872498,	738.695984,	0.
643,	163.625214,	795.337524,	0.
644,	163.625214,	788.987488,	0.
645,	163.625214,	782.637512,	0.
646,	168.770493,	776.287476,	0.
647,	173.915787,	776.287476,	0.
648,	179.061066,	776.287476,	0.
649,	184.20636,	776.287476,	0.
650,	189.351639,	776.287476,	0.
651,	194.496933,	776.287476,	0.
652,	199.642212,	776.287476,	0.
653,	204.787506,	782.637512,	0.
654,	204.787506,	788.987488,	0.
655,	204.787506,	795.337524,	0.
656,	179.061066,	801.6875,	0.
657,	173.915787,	801.6875,	0.
658,	168.770493,	801.6875,	0.
659,	199.642212,	801.6875,	0.
660,	194.496933,	801.6875,	0.
661,	189.351639,	801.6875,	0.
662,	117.752815,	88.9000015,	0.
663,	112.633125,	88.9000015,	0.
664,	107.513435,	88.9000015,	0.
665,	102.393753,	82.5500031,	0.
666,	102.393753,	76.1999969,	0.
667,	102.393753,	69.8499985,	0.
668,	107.513435,	63.5,	0.
669,	112.633125,	63.5,	0.
670,	117.752815,	63.5,	0.
671,	117.752815,	131.861725,	0.
672,	112.633125,	131.861725,	0.
673,	107.513435,	131.861725,	0.
674,	102.393753,	126.491501,	0.
675,	102.393753,	121.121292,	0.
676,	102.393753,	115.751076,	0.
677,	102.393753,	110.380859,	0.
678,	102.393753,	105.010643,	0.
679,	102.393753,	99.6404266,	0.
680,	102.393753,	94.2702179,	0.
681,	117.752815,	217.355545,	0.

682,	112.633125,	217.355545,	0.
683,	107.513435,	217.355545,	0.
684,	102.393753,	212.012177,	0.
685,	102.393753,	206.668808,	0.
686,	102.393753,	201.325455,	0.
687,	102.393753,	195.982086,	0.
688,	102.393753,	190.638718,	0.
689,	102.393753,	185.295349,	0.
690,	102.393753,	179.951996,	0.
691,	102.393753,	174.608627,	0.
692,	102.393753,	169.265259,	0.
693,	102.393753,	163.921906,	0.
694,	102.393753,	158.578537,	0.
695,	102.393753,	153.235168,	0.
696,	102.393753,	147.891815,	0.
697,	102.393753,	142.548447,	0.
698,	102.393753,	137.205078,	0.
699,	117.752815,	303.064178,	0.
700,	112.633125,	303.064178,	0.
701,	107.513435,	303.064178,	0.
702,	102.393753,	297.707367,	0.
703,	102.393753,	292.350586,	0.
704,	102.393753,	286.993805,	0.
705,	102.393753,	281.637024,	0.
706,	102.393753,	276.280212,	0.
707,	102.393753,	270.923431,	0.
708,	102.393753,	265.56665,	0.
709,	102.393753,	260.209839,	0.
710,	102.393753,	254.853058,	0.
711,	102.393753,	249.496277,	0.
712,	102.393753,	244.139481,	0.
713,	102.393753,	238.7827,	0.
714,	102.393753,	233.425903,	0.
715,	102.393753,	228.069122,	0.
716,	102.393753,	222.712326,	0.
717,	117.752815,	389.417236,	0.
718,	112.633125,	389.417236,	0.
719,	107.513435,	389.417236,	0.
720,	102.393753,	384.020172,	0.
721,	102.393753,	378.623077,	0.
722,	102.393753,	373.226013,	0.
723,	102.393753,	367.828949,	0.
724,	102.393753,	362.431885,	0.
725,	102.393753,	357.034821,	0.
726,	102.393753,	351.637756,	0.
727,	102.393753,	346.240692,	0.

728,	102.393753,	340.843628,	0.
729,	102.393753,	335.446564,	0.
730,	102.393753,	330.0495,	0.
731,	102.393753,	324.652435,	0.
732,	102.393753,	319.255371,	0.
733,	102.393753,	313.858307,	0.
734,	102.393753,	308.461243,	0.
735,	117.752815,	432.59375,	0.
736,	112.633125,	432.59375,	0.
737,	107.513435,	432.59375,	0.
738,	102.393753,	427.196686,	0.
739,	102.393753,	421.799622,	0.
740,	102.393753,	416.402557,	0.
741,	102.393753,	411.005493,	0.
742,	102.393753,	405.608429,	0.
743,	102.393753,	400.211365,	0.
744,	102.393753,	394.814301,	0.
745,	117.752815,	475.770264,	0.
746,	112.633125,	475.770264,	0.
747,	107.513435,	475.770264,	0.
748,	102.393753,	470.373199,	0.
749,	102.393753,	464.976135,	0.
750,	102.393753,	459.579071,	0.
751,	102.393753,	454.182007,	0.
752,	102.393753,	448.784943,	0.
753,	102.393753,	443.387878,	0.
754,	102.393753,	437.990814,	0.
755,	117.752815,	562.123352,	0.
756,	112.633125,	562.123352,	0.
757,	107.513435,	562.123352,	0.
758,	102.393753,	556.726257,	0.
759,	102.393753,	551.329224,	0.
760,	102.393753,	545.932129,	0.
761,	102.393753,	540.535095,	0.
762,	102.393753,	535.138,	0.
763,	102.393753,	529.740967,	0.
764,	102.393753,	524.343872,	0.
765,	102.393753,	518.946777,	0.
766,	102.393753,	513.549744,	0.
767,	102.393753,	508.152679,	0.
768,	102.393753,	502.755615,	0.
769,	102.393753,	497.358551,	0.
770,	102.393753,	491.961487,	0.
771,	102.393753,	486.564423,	0.
772,	102.393753,	481.167328,	0.
773,	117.752815,	647.83197,	0.

774,	112.633125,	647.83197,	0.
775,	107.513435,	647.83197,	0.
776,	102.393753,	642.475159,	0.
777,	102.393753,	637.118408,	0.
778,	102.393753,	631.761597,	0.
779,	102.393753,	626.404785,	0.
780,	102.393753,	621.048035,	0.
781,	102.393753,	615.691223,	0.
782,	102.393753,	610.334412,	0.
783,	102.393753,	604.977661,	0.
784,	102.393753,	599.62085,	0.
785,	102.393753,	594.264038,	0.
786,	102.393753,	588.907288,	0.
787,	102.393753,	583.550476,	0.
788,	102.393753,	578.193726,	0.
789,	102.393753,	572.836914,	0.
790,	102.393753,	567.480103,	0.
791,	117.752815,	733.325806,	0.
792,	112.633125,	733.325806,	0.
793,	107.513435,	733.325806,	0.
794,	102.393753,	727.982422,	0.
795,	102.393753,	722.639038,	0.
796,	102.393753,	717.295715,	0.
797,	102.393753,	711.952332,	0.
798,	102.393753,	706.608948,	0.
799,	102.393753,	701.265625,	0.
800,	102.393753,	695.922241,	0.
801,	102.393753,	690.578857,	0.
802,	102.393753,	685.235535,	0.
803,	102.393753,	679.892151,	0.
804,	102.393753,	674.548767,	0.
805,	102.393753,	669.205444,	0.
806,	102.393753,	663.862061,	0.
807,	102.393753,	658.518677,	0.
808,	102.393753,	653.175354,	0.
809,	117.752815,	776.287476,	0.
810,	112.633125,	776.287476,	0.
811,	107.513435,	776.287476,	0.
812,	102.393753,	770.917297,	0.
813,	102.393753,	765.547058,	0.
814,	102.393753,	760.17688,	0.
815,	102.393753,	754.806641,	0.
816,	102.393753,	749.436401,	0.
817,	102.393753,	744.066223,	0.
818,	102.393753,	738.695984,	0.
819,	158.556717,	801.6875,	0.

820,	153.488235,	801.6875,	0.
821,	148.419739,	801.6875,	0.
822,	138.231567,	801.6875,	0.
823,	133.111877,	801.6875,	0.
824,	127.992188,	801.6875,	0.
825,	122.872498,	795.337524,	0.
826,	122.872498,	788.987488,	0.
827,	122.872498,	782.637512,	0.
828,	40.9575005,	795.337524,	0.
829,	40.9575005,	788.987488,	0.
830,	40.9575005,	782.637512,	0.
831,	46.0643883,	776.287476,	0.
832,	51.1712761,	776.287476,	0.
833,	56.2781639,	776.287476,	0.
834,	61.3850517,	776.287476,	0.
835,	66.4919434,	776.287476,	0.
836,	71.5988312,	776.287476,	0.
837,	76.705719,	776.287476,	0.
838,	81.8126068,	782.637512,	0.
839,	81.8126068,	788.987488,	0.
840,	81.8126068,	795.337524,	0.
841,	56.1629715,	801.6875,	0.
842,	51.0944824,	801.6875,	0.
843,	46.0259895,	801.6875,	0.
844,	76.6673203,	801.6875,	0.
845,	71.5220337,	801.6875,	0.
846,	66.3767471,	801.6875,	0.
847,	40.9575005,	770.917297,	0.
848,	40.9575005,	765.547058,	0.
849,	40.9575005,	760.17688,	0.
850,	40.9575005,	754.806641,	0.
851,	40.9575005,	749.436401,	0.
852,	40.9575005,	744.066223,	0.
853,	40.9575005,	738.695984,	0.
854,	46.0643883,	733.325806,	0.
855,	51.1712761,	733.325806,	0.
856,	56.2781639,	733.325806,	0.
857,	81.8126068,	738.695984,	0.
858,	81.8126068,	744.066223,	0.
859,	81.8126068,	749.436401,	0.
860,	81.8126068,	754.806641,	0.
861,	81.8126068,	760.17688,	0.
862,	81.8126068,	765.547058,	0.
863,	81.8126068,	770.917297,	0.
864,	40.9575005,	727.982422,	0.
865,	40.9575005,	722.639038,	0.

866,	40.9575005,	717.295715,	0.
867,	40.9575005,	711.952332,	0.
868,	40.9575005,	706.608948,	0.
869,	40.9575005,	701.265625,	0.
870,	40.9575005,	695.922241,	0.
871,	40.9575005,	690.578857,	0.
872,	40.9575005,	685.235535,	0.
873,	40.9575005,	679.892151,	0.
874,	40.9575005,	674.548767,	0.
875,	40.9575005,	669.205444,	0.
876,	40.9575005,	663.862061,	0.
877,	40.9575005,	658.518677,	0.
878,	40.9575005,	653.175354,	0.
879,	46.0643883,	647.83197,	0.
880,	51.1712761,	647.83197,	0.
881,	56.2781639,	647.83197,	0.
882,	40.9575005,	642.475159,	0.
883,	40.9575005,	637.118408,	0.
884,	40.9575005,	631.761597,	0.
885,	40.9575005,	626.404785,	0.
886,	40.9575005,	621.048035,	0.
887,	40.9575005,	615.691223,	0.
888,	40.9575005,	610.334412,	0.
889,	40.9575005,	604.977661,	0.
890,	40.9575005,	599.62085,	0.
891,	40.9575005,	594.264038,	0.
892,	40.9575005,	588.907288,	0.
893,	40.9575005,	583.550476,	0.
894,	40.9575005,	578.193726,	0.
895,	40.9575005,	572.836914,	0.
896,	40.9575005,	567.480103,	0.
897,	46.0643883,	562.123352,	0.
898,	51.1712761,	562.123352,	0.
899,	56.2781639,	562.123352,	0.
900,	81.8126068,	567.480103,	0.
901,	81.8126068,	572.836914,	0.
902,	81.8126068,	578.193726,	0.
903,	81.8126068,	583.550476,	0.
904,	81.8126068,	588.907288,	0.
905,	81.8126068,	594.264038,	0.
906,	81.8126068,	599.62085,	0.
907,	81.8126068,	604.977661,	0.
908,	81.8126068,	610.334412,	0.
909,	81.8126068,	615.691223,	0.
910,	81.8126068,	621.048035,	0.
911,	81.8126068,	626.404785,	0.

912,	81.8126068,	631.761597,	0.
913,	81.8126068,	637.118408,	0.
914,	81.8126068,	642.475159,	0.
915,	40.9575005,	556.726257,	0.
916,	40.9575005,	551.329224,	0.
917,	40.9575005,	545.932129,	0.
918,	40.9575005,	540.535095,	0.
919,	40.9575005,	535.138,	0.
920,	40.9575005,	529.740967,	0.
921,	40.9575005,	524.343872,	0.
922,	40.9575005,	518.946777,	0.
923,	40.9575005,	513.549744,	0.
924,	40.9575005,	508.152679,	0.
925,	40.9575005,	502.755615,	0.
926,	40.9575005,	497.358551,	0.
927,	40.9575005,	491.961487,	0.
928,	40.9575005,	486.564423,	0.
929,	40.9575005,	481.167328,	0.
930,	46.0643883,	475.770264,	0.
931,	51.1712761,	475.770264,	0.
932,	56.2781639,	475.770264,	0.
933,	40.9575005,	470.373199,	0.
934,	40.9575005,	464.976135,	0.
935,	40.9575005,	459.579071,	0.
936,	40.9575005,	454.182007,	0.
937,	40.9575005,	448.784943,	0.
938,	40.9575005,	443.387878,	0.
939,	40.9575005,	437.990814,	0.
940,	46.0643883,	432.59375,	0.
941,	51.1712761,	432.59375,	0.
942,	56.2781639,	432.59375,	0.
943,	61.3850517,	432.59375,	0.
944,	66.4919434,	432.59375,	0.
945,	71.5988312,	432.59375,	0.
946,	76.705719,	432.59375,	0.
947,	81.8126068,	437.990814,	0.
948,	81.8126068,	443.387878,	0.
949,	81.8126068,	448.784943,	0.
950,	81.8126068,	454.182007,	0.
951,	81.8126068,	459.579071,	0.
952,	81.8126068,	464.976135,	0.
953,	81.8126068,	470.373199,	0.
954,	40.9575005,	427.196686,	0.
955,	40.9575005,	421.799622,	0.
956,	40.9575005,	416.402557,	0.
957,	40.9575005,	411.005493,	0.

958,	40.9575005,	405.608429,	0.
959,	40.9575005,	400.211365,	0.
960,	40.9575005,	394.814301,	0.
961,	46.0643883,	389.417236,	0.
962,	51.1712761,	389.417236,	0.
963,	56.2781639,	389.417236,	0.
964,	81.8126068,	394.814301,	0.
965,	81.8126068,	400.211365,	0.
966,	81.8126068,	405.608429,	0.
967,	81.8126068,	411.005493,	0.
968,	81.8126068,	416.402557,	0.
969,	81.8126068,	421.799622,	0.
970,	81.8126068,	427.196686,	0.
971,	40.9575005,	384.020172,	0.
972,	40.9575005,	378.623077,	0.
973,	40.9575005,	373.226013,	0.
974,	40.9575005,	367.828949,	0.
975,	40.9575005,	362.431885,	0.
976,	40.9575005,	357.034821,	0.
977,	40.9575005,	351.637756,	0.
978,	40.9575005,	346.240692,	0.
979,	40.9575005,	340.843628,	0.
980,	40.9575005,	335.446564,	0.
981,	40.9575005,	330.0495,	0.
982,	40.9575005,	324.652435,	0.
983,	40.9575005,	319.255371,	0.
984,	40.9575005,	313.858307,	0.
985,	40.9575005,	308.461243,	0.
986,	46.0643883,	303.064178,	0.
987,	51.1712761,	303.064178,	0.
988,	56.2781639,	303.064178,	0.
989,	40.9575005,	297.707367,	0.
990,	40.9575005,	292.350586,	0.
991,	40.9575005,	286.993805,	0.
992,	40.9575005,	281.637024,	0.
993,	40.9575005,	276.280212,	0.
994,	40.9575005,	270.923431,	0.
995,	40.9575005,	265.56665,	0.
996,	40.9575005,	260.209839,	0.
997,	40.9575005,	254.853058,	0.
998,	40.9575005,	249.496277,	0.
999,	40.9575005,	244.139481,	0.
1000,	40.9575005,	238.7827,	0.
1001,	40.9575005,	233.425903,	0.
1002,	40.9575005,	228.069122,	0.
1003,	40.9575005,	222.712326,	0.

1004,	46.0643883,	217.355545,	0.
1005,	51.1712761,	217.355545,	0.
1006,	56.2781639,	217.355545,	0.
1007,	81.8126068,	222.712326,	0.
1008,	81.8126068,	228.069122,	0.
1009,	81.8126068,	233.425903,	0.
1010,	81.8126068,	238.7827,	0.
1011,	81.8126068,	244.139481,	0.
1012,	81.8126068,	249.496277,	0.
1013,	81.8126068,	254.853058,	0.
1014,	81.8126068,	260.209839,	0.
1015,	81.8126068,	265.56665,	0.
1016,	81.8126068,	270.923431,	0.
1017,	81.8126068,	276.280212,	0.
1018,	81.8126068,	281.637024,	0.
1019,	81.8126068,	286.993805,	0.
1020,	81.8126068,	292.350586,	0.
1021,	81.8126068,	297.707367,	0.
1022,	40.9575005,	212.012177,	0.
1023,	40.9575005,	206.668808,	0.
1024,	40.9575005,	201.325455,	0.
1025,	40.9575005,	195.982086,	0.
1026,	40.9575005,	190.638718,	0.
1027,	40.9575005,	185.295349,	0.
1028,	40.9575005,	179.951996,	0.
1029,	40.9575005,	174.608627,	0.
1030,	40.9575005,	169.265259,	0.
1031,	40.9575005,	163.921906,	0.
1032,	40.9575005,	158.578537,	0.
1033,	40.9575005,	153.235168,	0.
1034,	40.9575005,	147.891815,	0.
1035,	40.9575005,	142.548447,	0.
1036,	40.9575005,	137.205078,	0.
1037,	46.0643883,	131.861725,	0.
1038,	51.1712761,	131.861725,	0.
1039,	56.2781639,	131.861725,	0.
1040,	40.9575005,	126.491501,	0.
1041,	40.9575005,	121.121292,	0.
1042,	40.9575005,	115.751076,	0.
1043,	40.9575005,	110.380859,	0.
1044,	40.9575005,	105.010643,	0.
1045,	40.9575005,	99.6404266,	0.
1046,	40.9575005,	94.2702179,	0.
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1053,	76.705719,	88.9000015,	0.
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1056,	81.8126068,	105.010643,	0.
1057,	81.8126068,	110.380859,	0.
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1059,	81.8126068,	121.121292,	0.
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1061,	40.9575005,	82.5500031,	0.
1062,	40.9575005,	76.1999969,	0.
1063,	40.9575005,	69.8499985,	0.
1064,	46.0259895,	63.5,	0.
1065,	51.0944824,	63.5,	0.
1066,	56.1629715,	63.5,	0.
1067,	66.3767471,	63.5,	0.
1068,	71.5220337,	63.5,	0.
1069,	76.6673203,	63.5,	0.
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1071,	81.8126068,	76.1999969,	0.
1072,	81.8126068,	82.5500031,	0.
1073,	35.8378143,	88.9000015,	0.
1074,	30.7181244,	88.9000015,	0.
1075,	25.5984383,	88.9000015,	0.
1076,	20.4787502,	88.9000015,	0.
1077,	15.3590622,	88.9000015,	0.
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1086,	5.11968756,	63.5,	0.
1087,	10.2393751,	63.5,	0.
1088,	15.3590622,	63.5,	0.
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1090,	30.7181244,	131.861725,	0.
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1093,	15.3590622,	131.861725,	0.
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1101,	0.,	99.6404266,	0.
1102,	0.,	94.2702179,	0.
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1104,	30.7181244,	217.355545,	0.
1105,	25.5984383,	217.355545,	0.
1106,	20.4787502,	217.355545,	0.
1107,	15.3590622,	217.355545,	0.
1108,	10.2393751,	217.355545,	0.
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1124,	0.,	137.205078,	0.
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1126,	30.7181244,	303.064178,	0.
1127,	25.5984383,	303.064178,	0.
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1130,	10.2393751,	303.064178,	0.
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1132,	0.,	297.707367,	0.
1133,	0.,	292.350586,	0.
1134,	0.,	286.993805,	0.
1135,	0.,	281.637024,	0.
1136,	0.,	276.280212,	0.
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1138,	0.,	265.56665,	0.
1139,	0.,	260.209839,	0.
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1143,	0.,	238.7827,	0.
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1147,	35.8378143,	389.417236,	0.
1148,	30.7181244,	389.417236,	0.
1149,	25.5984383,	389.417236,	0.
1150,	20.4787502,	389.417236,	0.
1151,	15.3590622,	389.417236,	0.
1152,	10.2393751,	389.417236,	0.
1153,	5.11968756,	389.417236,	0.
1154,	0.,	384.020172,	0.
1155,	0.,	378.623077,	0.
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1157,	0.,	367.828949,	0.
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1161,	0.,	346.240692,	0.
1162,	0.,	340.843628,	0.
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1167,	0.,	313.858307,	0.
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1169,	35.8378143,	432.59375,	0.
1170,	30.7181244,	432.59375,	0.
1171,	25.5984383,	432.59375,	0.
1172,	20.4787502,	432.59375,	0.
1173,	15.3590622,	432.59375,	0.
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1175,	5.11968756,	432.59375,	0.
1176,	0.,	427.196686,	0.
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1178,	0.,	416.402557,	0.
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1180,	0.,	405.608429,	0.
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1183,	35.8378143,	475.770264,	0.
1184,	30.7181244,	475.770264,	0.
1185,	25.5984383,	475.770264,	0.
1186,	20.4787502,	475.770264,	0.
1187,	15.3590622,	475.770264,	0.

1188,	10.2393751,	475.770264,	0.
1189,	5.11968756,	475.770264,	0.
1190,	0.,	470.373199,	0.
1191,	0.,	464.976135,	0.
1192,	0.,	459.579071,	0.
1193,	0.,	454.182007,	0.
1194,	0.,	448.784943,	0.
1195,	0.,	443.387878,	0.
1196,	0.,	437.990814,	0.
1197,	35.8378143,	562.123352,	0.
1198,	30.7181244,	562.123352,	0.
1199,	25.5984383,	562.123352,	0.
1200,	20.4787502,	562.123352,	0.
1201,	15.3590622,	562.123352,	0.
1202,	10.2393751,	562.123352,	0.
1203,	5.11968756,	562.123352,	0.
1204,	0.,	556.726257,	0.
1205,	0.,	551.329224,	0.
1206,	0.,	545.932129,	0.
1207,	0.,	540.535095,	0.
1208,	0.,	535.138,	0.
1209,	0.,	529.740967,	0.
1210,	0.,	524.343872,	0.
1211,	0.,	518.946777,	0.
1212,	0.,	513.549744,	0.
1213,	0.,	508.152679,	0.
1214,	0.,	502.755615,	0.
1215,	0.,	497.358551,	0.
1216,	0.,	491.961487,	0.
1217,	0.,	486.564423,	0.
1218,	0.,	481.167328,	0.
1219,	35.8378143,	647.83197,	0.
1220,	30.7181244,	647.83197,	0.
1221,	25.5984383,	647.83197,	0.
1222,	20.4787502,	647.83197,	0.
1223,	15.3590622,	647.83197,	0.
1224,	10.2393751,	647.83197,	0.
1225,	5.11968756,	647.83197,	0.
1226,	0.,	642.475159,	0.
1227,	0.,	637.118408,	0.
1228,	0.,	631.761597,	0.
1229,	0.,	626.404785,	0.
1230,	0.,	621.048035,	0.
1231,	0.,	615.691223,	0.
1232,	0.,	610.334412,	0.
1233,	0.,	604.977661,	0.

1234,	0.,	599.62085,	0.
1235,	0.,	594.264038,	0.
1236,	0.,	588.907288,	0.
1237,	0.,	583.550476,	0.
1238,	0.,	578.193726,	0.
1239,	0.,	572.836914,	0.
1240,	0.,	567.480103,	0.
1241,	35.8378143,	733.325806,	0.
1242,	30.7181244,	733.325806,	0.
1243,	25.5984383,	733.325806,	0.
1244,	20.4787502,	733.325806,	0.
1245,	15.3590622,	733.325806,	0.
1246,	10.2393751,	733.325806,	0.
1247,	5.11968756,	733.325806,	0.
1248,	0.,	727.982422,	0.
1249,	0.,	722.639038,	0.
1250,	0.,	717.295715,	0.
1251,	0.,	711.952332,	0.
1252,	0.,	706.608948,	0.
1253,	0.,	701.265625,	0.
1254,	0.,	695.922241,	0.
1255,	0.,	690.578857,	0.
1256,	0.,	685.235535,	0.
1257,	0.,	679.892151,	0.
1258,	0.,	674.548767,	0.
1259,	0.,	669.205444,	0.
1260,	0.,	663.862061,	0.
1261,	0.,	658.518677,	0.
1262,	0.,	653.175354,	0.
1263,	35.8378143,	776.287476,	0.
1264,	30.7181244,	776.287476,	0.
1265,	25.5984383,	776.287476,	0.
1266,	20.4787502,	776.287476,	0.
1267,	15.3590622,	776.287476,	0.
1268,	10.2393751,	776.287476,	0.
1269,	5.11968756,	776.287476,	0.
1270,	0.,	770.917297,	0.
1271,	0.,	765.547058,	0.
1272,	0.,	760.17688,	0.
1273,	0.,	754.806641,	0.
1274,	0.,	749.436401,	0.
1275,	0.,	744.066223,	0.
1276,	0.,	738.695984,	0.
1277,	86.9578934,	776.287476,	0.
1278,	92.1031799,	776.287476,	0.
1279,	97.2484665,	776.287476,	0.

1280,	102.393753,	782.637512,	0.
1281,	102.393753,	788.987488,	0.
1282,	102.393753,	795.337524,	0.
1283,	97.2484665,	801.6875,	0.
1284,	92.1031799,	801.6875,	0.
1285,	86.9578934,	801.6875,	0.
1286,	107.513435,	801.6875,	0.
1287,	112.633125,	801.6875,	0.
1288,	117.752815,	801.6875,	0.
1289,	204.787506,	806.979187,	0.
1290,	204.787506,	812.270813,	0.
1291,	204.787506,	817.5625,	0.
1292,	204.787506,	822.854187,	0.
1293,	204.787506,	828.145813,	0.
1294,	204.787506,	833.4375,	0.
1295,	204.787506,	838.729187,	0.
1296,	204.787506,	844.020813,	0.
1297,	204.787506,	849.3125,	0.
1298,	204.787506,	854.604187,	0.
1299,	204.787506,	859.895813,	0.
1300,	199.667816,	865.1875,	0.
1301,	194.548126,	865.1875,	0.
1302,	189.428436,	865.1875,	0.
1303,	184.308746,	865.1875,	0.
1304,	179.189056,	865.1875,	0.
1305,	174.069382,	865.1875,	0.
1306,	168.949692,	865.1875,	0.
1307,	163.830002,	865.1875,	0.
1308,	158.710312,	865.1875,	0.
1309,	153.590622,	865.1875,	0.
1310,	148.470932,	865.1875,	0.
1311,	143.351257,	865.1875,	0.
1312,	138.231567,	865.1875,	0.
1313,	133.111877,	865.1875,	0.
1314,	127.992188,	865.1875,	0.
1315,	122.872498,	865.1875,	0.
1316,	117.752815,	865.1875,	0.
1317,	112.633125,	865.1875,	0.
1318,	107.513435,	865.1875,	0.
1319,	102.393753,	859.895813,	0.
1320,	102.393753,	854.604187,	0.
1321,	102.393753,	849.3125,	0.
1322,	102.393753,	844.020813,	0.
1323,	102.393753,	838.729187,	0.
1324,	102.393753,	833.4375,	0.
1325,	102.393753,	828.145813,	0.

1326,	102.393753,	822.854187,	0.
1327,	102.393753,	817.5625,	0.
1328,	102.393753,	812.270813,	0.
1329,	102.393753,	806.979187,	0.
1330,	5.11968756,	801.6875,	0.
1331,	10.2393751,	801.6875,	0.
1332,	15.3590622,	801.6875,	0.
1333,	25.5984383,	801.6875,	0.
1334,	30.7181244,	801.6875,	0.
1335,	35.8378143,	801.6875,	0.
1336,	97.2740631,	865.1875,	0.
1337,	92.1543732,	865.1875,	0.
1338,	87.0346909,	865.1875,	0.
1339,	81.9150009,	865.1875,	0.
1340,	76.795311,	865.1875,	0.
1341,	71.6756287,	865.1875,	0.
1342,	66.5559387,	865.1875,	0.
1343,	61.4362488,	865.1875,	0.
1344,	56.3165627,	865.1875,	0.
1345,	51.1968765,	865.1875,	0.
1346,	46.0771866,	865.1875,	0.
1347,	40.9575005,	865.1875,	0.
1348,	35.8378143,	865.1875,	0.
1349,	30.7181244,	865.1875,	0.
1350,	25.5984383,	865.1875,	0.
1351,	20.4787502,	865.1875,	0.
1352,	15.3590622,	865.1875,	0.
1353,	10.2393751,	865.1875,	0.
1354,	5.11968756,	865.1875,	0.
1355,	0.,	859.895813,	0.
1356,	0.,	854.604187,	0.
1357,	0.,	849.3125,	0.
1358,	0.,	844.020813,	0.
1359,	0.,	838.729187,	0.
1360,	0.,	833.4375,	0.
1361,	0.,	828.145813,	0.
1362,	0.,	822.854187,	0.
1363,	0.,	817.5625,	0.
1364,	0.,	812.270813,	0.
1365,	0.,	806.979187,	0.
1366,	0.,	795.337524,	0.
1367,	0.,	788.987488,	0.
1368,	0.,	782.637512,	0.
1369,	168.770493,	733.325806,	0.
1370,	173.915787,	733.325806,	0.
1371,	179.061066,	733.325806,	0.

1372,	184.20636,	733.325806,	0.
1373,	189.351639,	733.325806,	0.
1374,	194.496933,	733.325806,	0.
1375,	199.642212,	733.325806,	0.
1376,	204.787506,	738.695984,	0.
1377,	204.787506,	744.066223,	0.
1378,	204.787506,	749.436401,	0.
1379,	204.787506,	754.806641,	0.
1380,	204.787506,	760.17688,	0.
1381,	204.787506,	765.547058,	0.
1382,	204.787506,	770.917297,	0.
1383,	86.9578934,	733.325806,	0.
1384,	92.1031799,	733.325806,	0.
1385,	97.2484665,	733.325806,	0.
1386,	168.770493,	647.83197,	0.
1387,	173.915787,	647.83197,	0.
1388,	179.061066,	647.83197,	0.
1389,	184.20636,	647.83197,	0.
1390,	189.351639,	647.83197,	0.
1391,	194.496933,	647.83197,	0.
1392,	199.642212,	647.83197,	0.
1393,	204.787506,	653.175354,	0.
1394,	204.787506,	658.518677,	0.
1395,	204.787506,	663.862061,	0.
1396,	204.787506,	669.205444,	0.
1397,	204.787506,	674.548767,	0.
1398,	204.787506,	679.892151,	0.
1399,	204.787506,	685.235535,	0.
1400,	204.787506,	690.578857,	0.
1401,	204.787506,	695.922241,	0.
1402,	204.787506,	701.265625,	0.
1403,	204.787506,	706.608948,	0.
1404,	204.787506,	711.952332,	0.
1405,	204.787506,	717.295715,	0.
1406,	204.787506,	722.639038,	0.
1407,	204.787506,	727.982422,	0.
1408,	86.9578934,	647.83197,	0.
1409,	92.1031799,	647.83197,	0.
1410,	97.2484665,	647.83197,	0.
1411,	168.770493,	562.123352,	0.
1412,	173.915787,	562.123352,	0.
1413,	179.061066,	562.123352,	0.
1414,	184.20636,	562.123352,	0.
1415,	189.351639,	562.123352,	0.
1416,	194.496933,	562.123352,	0.
1417,	199.642212,	562.123352,	0.

1418,	204.787506,	567.480103,	0.
1419,	204.787506,	572.836914,	0.
1420,	204.787506,	578.193726,	0.
1421,	204.787506,	583.550476,	0.
1422,	204.787506,	588.907288,	0.
1423,	204.787506,	594.264038,	0.
1424,	204.787506,	599.62085,	0.
1425,	204.787506,	604.977661,	0.
1426,	204.787506,	610.334412,	0.
1427,	204.787506,	615.691223,	0.
1428,	204.787506,	621.048035,	0.
1429,	204.787506,	626.404785,	0.
1430,	204.787506,	631.761597,	0.
1431,	204.787506,	637.118408,	0.
1432,	204.787506,	642.475159,	0.
1433,	86.9578934,	562.123352,	0.
1434,	92.1031799,	562.123352,	0.
1435,	97.2484665,	562.123352,	0.
1436,	168.770493,	475.770264,	0.
1437,	173.915787,	475.770264,	0.
1438,	179.061066,	475.770264,	0.
1439,	184.20636,	475.770264,	0.
1440,	189.351639,	475.770264,	0.
1441,	194.496933,	475.770264,	0.
1442,	199.642212,	475.770264,	0.
1443,	204.787506,	481.167328,	0.
1444,	204.787506,	486.564423,	0.
1445,	204.787506,	491.961487,	0.
1446,	204.787506,	497.358551,	0.
1447,	204.787506,	502.755615,	0.
1448,	204.787506,	508.152679,	0.
1449,	204.787506,	513.549744,	0.
1450,	204.787506,	518.946777,	0.
1451,	204.787506,	524.343872,	0.
1452,	204.787506,	529.740967,	0.
1453,	204.787506,	535.138,	0.
1454,	204.787506,	540.535095,	0.
1455,	204.787506,	545.932129,	0.
1456,	204.787506,	551.329224,	0.
1457,	204.787506,	556.726257,	0.
1458,	86.9578934,	475.770264,	0.
1459,	92.1031799,	475.770264,	0.
1460,	97.2484665,	475.770264,	0.
1461,	168.770493,	432.59375,	0.
1462,	173.915787,	432.59375,	0.
1463,	179.061066,	432.59375,	0.

1464,	184.20636,	432.59375,	0.
1465,	189.351639,	432.59375,	0.
1466,	194.496933,	432.59375,	0.
1467,	199.642212,	432.59375,	0.
1468,	204.787506,	437.990814,	0.
1469,	204.787506,	443.387878,	0.
1470,	204.787506,	448.784943,	0.
1471,	204.787506,	454.182007,	0.
1472,	204.787506,	459.579071,	0.
1473,	204.787506,	464.976135,	0.
1474,	204.787506,	470.373199,	0.
1475,	86.9578934,	432.59375,	0.
1476,	92.1031799,	432.59375,	0.
1477,	97.2484665,	432.59375,	0.
1478,	168.770493,	389.417236,	0.
1479,	173.915787,	389.417236,	0.
1480,	179.061066,	389.417236,	0.
1481,	184.20636,	389.417236,	0.
1482,	189.351639,	389.417236,	0.
1483,	194.496933,	389.417236,	0.
1484,	199.642212,	389.417236,	0.
1485,	204.787506,	394.814301,	0.
1486,	204.787506,	400.211365,	0.
1487,	204.787506,	405.608429,	0.
1488,	204.787506,	411.005493,	0.
1489,	204.787506,	416.402557,	0.
1490,	204.787506,	421.799622,	0.
1491,	204.787506,	427.196686,	0.
1492,	86.9578934,	389.417236,	0.
1493,	92.1031799,	389.417236,	0.
1494,	97.2484665,	389.417236,	0.
1495,	168.770493,	303.064178,	0.
1496,	173.915787,	303.064178,	0.
1497,	179.061066,	303.064178,	0.
1498,	184.20636,	303.064178,	0.
1499,	189.351639,	303.064178,	0.
1500,	194.496933,	303.064178,	0.
1501,	199.642212,	303.064178,	0.
1502,	204.787506,	308.461243,	0.
1503,	204.787506,	313.858307,	0.
1504,	204.787506,	319.255371,	0.
1505,	204.787506,	324.652435,	0.
1506,	204.787506,	330.0495,	0.
1507,	204.787506,	335.446564,	0.
1508,	204.787506,	340.843628,	0.
1509,	204.787506,	346.240692,	0.

1510,	204.787506,	351.637756,	0.
1511,	204.787506,	357.034821,	0.
1512,	204.787506,	362.431885,	0.
1513,	204.787506,	367.828949,	0.
1514,	204.787506,	373.226013,	0.
1515,	204.787506,	378.623077,	0.
1516,	204.787506,	384.020172,	0.
1517,	86.9578934,	303.064178,	0.
1518,	92.1031799,	303.064178,	0.
1519,	97.2484665,	303.064178,	0.
1520,	168.770493,	217.355545,	0.
1521,	173.915787,	217.355545,	0.
1522,	179.061066,	217.355545,	0.
1523,	184.20636,	217.355545,	0.
1524,	189.351639,	217.355545,	0.
1525,	194.496933,	217.355545,	0.
1526,	199.642212,	217.355545,	0.
1527,	204.787506,	222.712326,	0.
1528,	204.787506,	228.069122,	0.
1529,	204.787506,	233.425903,	0.
1530,	204.787506,	238.7827,	0.
1531,	204.787506,	244.139481,	0.
1532,	204.787506,	249.496277,	0.
1533,	204.787506,	254.853058,	0.
1534,	204.787506,	260.209839,	0.
1535,	204.787506,	265.56665,	0.
1536,	204.787506,	270.923431,	0.
1537,	204.787506,	276.280212,	0.
1538,	204.787506,	281.637024,	0.
1539,	204.787506,	286.993805,	0.
1540,	204.787506,	292.350586,	0.
1541,	204.787506,	297.707367,	0.
1542,	86.9578934,	217.355545,	0.
1543,	92.1031799,	217.355545,	0.
1544,	97.2484665,	217.355545,	0.
1545,	168.770493,	131.861725,	0.
1546,	173.915787,	131.861725,	0.
1547,	179.061066,	131.861725,	0.
1548,	184.20636,	131.861725,	0.
1549,	189.351639,	131.861725,	0.
1550,	194.496933,	131.861725,	0.
1551,	199.642212,	131.861725,	0.
1552,	204.787506,	137.205078,	0.
1553,	204.787506,	142.548447,	0.
1554,	204.787506,	147.891815,	0.
1555,	204.787506,	153.235168,	0.

1556,	204.787506,	158.578537,	0.
1557,	204.787506,	163.921906,	0.
1558,	204.787506,	169.265259,	0.
1559,	204.787506,	174.608627,	0.
1560,	204.787506,	179.951996,	0.
1561,	204.787506,	185.295349,	0.
1562,	204.787506,	190.638718,	0.
1563,	204.787506,	195.982086,	0.
1564,	204.787506,	201.325455,	0.
1565,	204.787506,	206.668808,	0.
1566,	204.787506,	212.012177,	0.
1567,	86.9578934,	131.861725,	0.
1568,	92.1031799,	131.861725,	0.
1569,	97.2484665,	131.861725,	0.
1570,	168.770493,	88.9000015,	0.
1571,	173.915787,	88.9000015,	0.
1572,	179.061066,	88.9000015,	0.
1573,	184.20636,	88.9000015,	0.
1574,	189.351639,	88.9000015,	0.
1575,	194.496933,	88.9000015,	0.
1576,	199.642212,	88.9000015,	0.
1577,	204.787506,	94.2702179,	0.
1578,	204.787506,	99.6404266,	0.
1579,	204.787506,	105.010643,	0.
1580,	204.787506,	110.380859,	0.
1581,	204.787506,	115.751076,	0.
1582,	204.787506,	121.121292,	0.
1583,	204.787506,	126.491501,	0.
1584,	86.9578934,	88.9000015,	0.
1585,	92.1031799,	88.9000015,	0.
1586,	97.2484665,	88.9000015,	0.
1587,	168.770493,	63.5,	0.
1588,	173.915787,	63.5,	0.
1589,	179.061066,	63.5,	0.
1590,	189.351639,	63.5,	0.
1591,	194.496933,	63.5,	0.
1592,	199.642212,	63.5,	0.
1593,	204.787506,	69.8499985,	0.
1594,	204.787506,	76.1999969,	0.
1595,	204.787506,	82.5500031,	0.
1596,	102.393753,	58.2083321,	0.
1597,	102.393753,	52.9166679,	0.
1598,	102.393753,	47.625,	0.
1599,	102.393753,	42.3333321,	0.
1600,	102.393753,	37.0416679,	0.
1601,	102.393753,	31.75,	0.

1602,	102.393753,	26.458334,	0.
1603,	102.393753,	21.166666,	0.
1604,	102.393753,	15.875,	0.
1605,	102.393753,	10.583333,	0.
1606,	102.393753,	5.29166651,	0.
1607,	107.513435,	0.,	0.
1608,	112.633125,	0.,	0.
1609,	117.752815,	0.,	0.
1610,	122.872498,	0.,	0.
1611,	127.992188,	0.,	0.
1612,	133.111877,	0.,	0.
1613,	138.231567,	0.,	0.
1614,	143.351257,	0.,	0.
1615,	148.470932,	0.,	0.
1616,	153.590622,	0.,	0.
1617,	158.710312,	0.,	0.
1618,	163.830002,	0.,	0.
1619,	168.949692,	0.,	0.
1620,	174.069382,	0.,	0.
1621,	179.189056,	0.,	0.
1622,	184.308746,	0.,	0.
1623,	189.428436,	0.,	0.
1624,	194.548126,	0.,	0.
1625,	199.667816,	0.,	0.
1626,	204.787506,	5.29166651,	0.
1627,	204.787506,	10.583333,	0.
1628,	204.787506,	15.875,	0.
1629,	204.787506,	21.166666,	0.
1630,	204.787506,	26.458334,	0.
1631,	204.787506,	31.75,	0.
1632,	204.787506,	37.0416679,	0.
1633,	204.787506,	42.3333321,	0.
1634,	204.787506,	47.625,	0.
1635,	204.787506,	52.9166679,	0.
1636,	204.787506,	58.2083321,	0.
1637,	86.9578934,	63.5,	0.
1638,	92.1031799,	63.5,	0.
1639,	97.2484665,	63.5,	0.
1640,	0.,	58.2083321,	0.
1641,	0.,	52.9166679,	0.
1642,	0.,	47.625,	0.
1643,	0.,	42.3333321,	0.
1644,	0.,	37.0416679,	0.
1645,	0.,	31.75,	0.
1646,	0.,	26.458334,	0.
1647,	0.,	21.166666,	0.

1648,	0.,	15.875,	0.
1649,	0.,	10.583333,	0.
1650,	0.,	5.29166651,	0.
1651,	5.11968756,	0.,	0.
1652,	10.2393751,	0.,	0.
1653,	15.3590622,	0.,	0.
1654,	20.4787502,	0.,	0.
1655,	25.5984383,	0.,	0.
1656,	30.7181244,	0.,	0.
1657,	35.8378143,	0.,	0.
1658,	40.9575005,	0.,	0.
1659,	46.0771866,	0.,	0.
1660,	51.1968765,	0.,	0.
1661,	56.3165627,	0.,	0.
1662,	61.4362488,	0.,	0.
1663,	66.5559387,	0.,	0.
1664,	71.6756287,	0.,	0.
1665,	76.795311,	0.,	0.
1666,	81.9150009,	0.,	0.
1667,	87.0346909,	0.,	0.
1668,	92.1543732,	0.,	0.
1669,	97.2740631,	0.,	0.
1670,	148.342941,	212.012177,	0.
1671,	148.342941,	206.668808,	0.
1672,	148.342941,	201.325455,	0.
1673,	148.342941,	195.982086,	0.
1674,	148.342941,	190.638718,	0.
1675,	148.342941,	185.295349,	0.
1676,	148.342941,	179.951996,	0.
1677,	148.342941,	174.608627,	0.
1678,	148.342941,	169.265259,	0.
1679,	148.342941,	163.921906,	0.
1680,	148.342941,	158.578537,	0.
1681,	148.342941,	153.235168,	0.
1682,	148.342941,	147.891815,	0.
1683,	148.342941,	142.548447,	0.
1684,	148.342941,	137.205078,	0.
1685,	153.437027,	212.012177,	0.
1686,	153.437027,	206.668808,	0.
1687,	153.437027,	201.325455,	0.
1688,	153.437027,	195.982086,	0.
1689,	153.437027,	190.638718,	0.
1690,	153.437027,	185.295349,	0.
1691,	153.437027,	179.951996,	0.
1692,	153.437027,	174.608627,	0.
1693,	153.437027,	169.265259,	0.

1694,	153.437027,	163.921906,	0.
1695,	153.437027,	158.578537,	0.
1696,	153.437027,	153.235168,	0.
1697,	153.437027,	147.891815,	0.
1698,	153.437027,	142.548447,	0.
1699,	153.437027,	137.205078,	0.
1700,	158.531128,	212.012177,	0.
1701,	158.531128,	206.668808,	0.
1702,	158.531128,	201.325455,	0.
1703,	158.531128,	195.982086,	0.
1704,	158.531128,	190.638718,	0.
1705,	158.531128,	185.295349,	0.
1706,	158.531128,	179.951996,	0.
1707,	158.531128,	174.608627,	0.
1708,	158.531128,	169.265259,	0.
1709,	158.531128,	163.921906,	0.
1710,	158.531128,	158.578537,	0.
1711,	158.531128,	153.235168,	0.
1712,	158.531128,	147.891815,	0.
1713,	158.531128,	142.548447,	0.
1714,	158.531128,	137.205078,	0.
1715,	66.4919434,	212.012177,	0.
1716,	66.4919434,	206.668808,	0.
1717,	66.4919434,	201.325455,	0.
1718,	66.4919434,	195.982086,	0.
1719,	66.4919434,	190.638718,	0.
1720,	66.4919434,	185.295349,	0.
1721,	66.4919434,	179.951996,	0.
1722,	66.4919434,	174.608627,	0.
1723,	66.4919434,	169.265259,	0.
1724,	66.4919434,	163.921906,	0.
1725,	66.4919434,	158.578537,	0.
1726,	66.4919434,	153.235168,	0.
1727,	66.4919434,	147.891815,	0.
1728,	66.4919434,	142.548447,	0.
1729,	66.4919434,	137.205078,	0.
1730,	71.5988312,	212.012177,	0.
1731,	71.5988312,	206.668808,	0.
1732,	71.5988312,	201.325455,	0.
1733,	71.5988312,	195.982086,	0.
1734,	71.5988312,	190.638718,	0.
1735,	71.5988312,	185.295349,	0.
1736,	71.5988312,	179.951996,	0.
1737,	71.5988312,	174.608627,	0.
1738,	71.5988312,	169.265259,	0.
1739,	71.5988312,	163.921906,	0.

1740,	71.5988312,	158.578537,	0.
1741,	71.5988312,	153.235168,	0.
1742,	71.5988312,	147.891815,	0.
1743,	71.5988312,	142.548447,	0.
1744,	71.5988312,	137.205078,	0.
1745,	76.705719,	212.012177,	0.
1746,	76.705719,	206.668808,	0.
1747,	76.705719,	201.325455,	0.
1748,	76.705719,	195.982086,	0.
1749,	76.705719,	190.638718,	0.
1750,	76.705719,	185.295349,	0.
1751,	76.705719,	179.951996,	0.
1752,	76.705719,	174.608627,	0.
1753,	76.705719,	169.265259,	0.
1754,	76.705719,	163.921906,	0.
1755,	76.705719,	158.578537,	0.
1756,	76.705719,	153.235168,	0.
1757,	76.705719,	147.891815,	0.
1758,	76.705719,	142.548447,	0.
1759,	76.705719,	137.205078,	0.
1760,	148.342941,	384.020172,	0.
1761,	148.342941,	378.623077,	0.
1762,	148.342941,	373.226013,	0.
1763,	148.342941,	367.828949,	0.
1764,	148.342941,	362.431885,	0.
1765,	148.342941,	357.034821,	0.
1766,	148.342941,	351.637756,	0.
1767,	148.342941,	346.240692,	0.
1768,	148.342941,	340.843628,	0.
1769,	148.342941,	335.446564,	0.
1770,	148.342941,	330.0495,	0.
1771,	148.342941,	324.652435,	0.
1772,	148.342941,	319.255371,	0.
1773,	148.342941,	313.858307,	0.
1774,	148.342941,	308.461243,	0.
1775,	153.437027,	384.020172,	0.
1776,	153.437027,	378.623077,	0.
1777,	153.437027,	373.226013,	0.
1778,	153.437027,	367.828949,	0.
1779,	153.437027,	362.431885,	0.
1780,	153.437027,	357.034821,	0.
1781,	153.437027,	351.637756,	0.
1782,	153.437027,	346.240692,	0.
1783,	153.437027,	340.843628,	0.
1784,	153.437027,	335.446564,	0.
1785,	153.437027,	330.0495,	0.

1786,	153.437027,	324.652435,	0.
1787,	153.437027,	319.255371,	0.
1788,	153.437027,	313.858307,	0.
1789,	153.437027,	308.461243,	0.
1790,	158.531128,	384.020172,	0.
1791,	158.531128,	378.623077,	0.
1792,	158.531128,	373.226013,	0.
1793,	158.531128,	367.828949,	0.
1794,	158.531128,	362.431885,	0.
1795,	158.531128,	357.034821,	0.
1796,	158.531128,	351.637756,	0.
1797,	158.531128,	346.240692,	0.
1798,	158.531128,	340.843628,	0.
1799,	158.531128,	335.446564,	0.
1800,	158.531128,	330.0495,	0.
1801,	158.531128,	324.652435,	0.
1802,	158.531128,	319.255371,	0.
1803,	158.531128,	313.858307,	0.
1804,	158.531128,	308.461243,	0.
1805,	66.4919434,	384.020172,	0.
1806,	66.4919434,	378.623077,	0.
1807,	66.4919434,	373.226013,	0.
1808,	66.4919434,	367.828949,	0.
1809,	66.4919434,	362.431885,	0.
1810,	66.4919434,	357.034821,	0.
1811,	66.4919434,	351.637756,	0.
1812,	66.4919434,	346.240692,	0.
1813,	66.4919434,	340.843628,	0.
1814,	66.4919434,	335.446564,	0.
1815,	66.4919434,	330.0495,	0.
1816,	66.4919434,	324.652435,	0.
1817,	66.4919434,	319.255371,	0.
1818,	66.4919434,	313.858307,	0.
1819,	66.4919434,	308.461243,	0.
1820,	71.5988312,	384.020172,	0.
1821,	71.5988312,	378.623077,	0.
1822,	71.5988312,	373.226013,	0.
1823,	71.5988312,	367.828949,	0.
1824,	71.5988312,	362.431885,	0.
1825,	71.5988312,	357.034821,	0.
1826,	71.5988312,	351.637756,	0.
1827,	71.5988312,	346.240692,	0.
1828,	71.5988312,	340.843628,	0.
1829,	71.5988312,	335.446564,	0.
1830,	71.5988312,	330.0495,	0.
1831,	71.5988312,	324.652435,	0.

1832,	71.5988312,	319.255371,	0.
1833,	71.5988312,	313.858307,	0.
1834,	71.5988312,	308.461243,	0.
1835,	76.705719,	384.020172,	0.
1836,	76.705719,	378.623077,	0.
1837,	76.705719,	373.226013,	0.
1838,	76.705719,	367.828949,	0.
1839,	76.705719,	362.431885,	0.
1840,	76.705719,	357.034821,	0.
1841,	76.705719,	351.637756,	0.
1842,	76.705719,	346.240692,	0.
1843,	76.705719,	340.843628,	0.
1844,	76.705719,	335.446564,	0.
1845,	76.705719,	330.0495,	0.
1846,	76.705719,	324.652435,	0.
1847,	76.705719,	319.255371,	0.
1848,	76.705719,	313.858307,	0.
1849,	76.705719,	308.461243,	0.
1850,	148.342941,	556.726257,	0.
1851,	148.342941,	551.329224,	0.
1852,	148.342941,	545.932129,	0.
1853,	148.342941,	540.535095,	0.
1854,	148.342941,	535.138,	0.
1855,	148.342941,	529.740967,	0.
1856,	148.342941,	524.343872,	0.
1857,	148.342941,	518.946777,	0.
1858,	148.342941,	513.549744,	0.
1859,	148.342941,	508.152679,	0.
1860,	148.342941,	502.755615,	0.
1861,	148.342941,	497.358551,	0.
1862,	148.342941,	491.961487,	0.
1863,	148.342941,	486.564423,	0.
1864,	148.342941,	481.167328,	0.
1865,	153.437027,	556.726257,	0.
1866,	153.437027,	551.329224,	0.
1867,	153.437027,	545.932129,	0.
1868,	153.437027,	540.535095,	0.
1869,	153.437027,	535.138,	0.
1870,	153.437027,	529.740967,	0.
1871,	153.437027,	524.343872,	0.
1872,	153.437027,	518.946777,	0.
1873,	153.437027,	513.549744,	0.
1874,	153.437027,	508.152679,	0.
1875,	153.437027,	502.755615,	0.
1876,	153.437027,	497.358551,	0.
1877,	153.437027,	491.961487,	0.

1878,	153.437027,	486.564423,	0.
1879,	153.437027,	481.167328,	0.
1880,	158.531128,	556.726257,	0.
1881,	158.531128,	551.329224,	0.
1882,	158.531128,	545.932129,	0.
1883,	158.531128,	540.535095,	0.
1884,	158.531128,	535.138,	0.
1885,	158.531128,	529.740967,	0.
1886,	158.531128,	524.343872,	0.
1887,	158.531128,	518.946777,	0.
1888,	158.531128,	513.549744,	0.
1889,	158.531128,	508.152679,	0.
1890,	158.531128,	502.755615,	0.
1891,	158.531128,	497.358551,	0.
1892,	158.531128,	491.961487,	0.
1893,	158.531128,	486.564423,	0.
1894,	158.531128,	481.167328,	0.
1895,	66.4919434,	556.726257,	0.
1896,	66.4919434,	551.329224,	0.
1897,	66.4919434,	545.932129,	0.
1898,	66.4919434,	540.535095,	0.
1899,	66.4919434,	535.138,	0.
1900,	66.4919434,	529.740967,	0.
1901,	66.4919434,	524.343872,	0.
1902,	66.4919434,	518.946777,	0.
1903,	66.4919434,	513.549744,	0.
1904,	66.4919434,	508.152679,	0.
1905,	66.4919434,	502.755615,	0.
1906,	66.4919434,	497.358551,	0.
1907,	66.4919434,	491.961487,	0.
1908,	66.4919434,	486.564423,	0.
1909,	66.4919434,	481.167328,	0.
1910,	71.5988312,	556.726257,	0.
1911,	71.5988312,	551.329224,	0.
1912,	71.5988312,	545.932129,	0.
1913,	71.5988312,	540.535095,	0.
1914,	71.5988312,	535.138,	0.
1915,	71.5988312,	529.740967,	0.
1916,	71.5988312,	524.343872,	0.
1917,	71.5988312,	518.946777,	0.
1918,	71.5988312,	513.549744,	0.
1919,	71.5988312,	508.152679,	0.
1920,	71.5988312,	502.755615,	0.
1921,	71.5988312,	497.358551,	0.
1922,	71.5988312,	491.961487,	0.
1923,	71.5988312,	486.564423,	0.

1924,	71.5988312,	481.167328,	0.
1925,	76.705719,	556.726257,	0.
1926,	76.705719,	551.329224,	0.
1927,	76.705719,	545.932129,	0.
1928,	76.705719,	540.535095,	0.
1929,	76.705719,	535.138,	0.
1930,	76.705719,	529.740967,	0.
1931,	76.705719,	524.343872,	0.
1932,	76.705719,	518.946777,	0.
1933,	76.705719,	513.549744,	0.
1934,	76.705719,	508.152679,	0.
1935,	76.705719,	502.755615,	0.
1936,	76.705719,	497.358551,	0.
1937,	76.705719,	491.961487,	0.
1938,	76.705719,	486.564423,	0.
1939,	76.705719,	481.167328,	0.
1940,	148.342941,	727.982422,	0.
1941,	148.342941,	722.639038,	0.
1942,	148.342941,	717.295715,	0.
1943,	148.342941,	711.952332,	0.
1944,	148.342941,	706.608948,	0.
1945,	148.342941,	701.265625,	0.
1946,	148.342941,	695.922241,	0.
1947,	148.342941,	690.578857,	0.
1948,	148.342941,	685.235535,	0.
1949,	148.342941,	679.892151,	0.
1950,	148.342941,	674.548767,	0.
1951,	148.342941,	669.205444,	0.
1952,	148.342941,	663.862061,	0.
1953,	148.342941,	658.518677,	0.
1954,	148.342941,	653.175354,	0.
1955,	153.437027,	727.982422,	0.
1956,	153.437027,	722.639038,	0.
1957,	153.437027,	717.295715,	0.
1958,	153.437027,	711.952332,	0.
1959,	153.437027,	706.608948,	0.
1960,	153.437027,	701.265625,	0.
1961,	153.437027,	695.922241,	0.
1962,	153.437027,	690.578857,	0.
1963,	153.437027,	685.235535,	0.
1964,	153.437027,	679.892151,	0.
1965,	153.437027,	674.548767,	0.
1966,	153.437027,	669.205444,	0.
1967,	153.437027,	663.862061,	0.
1968,	153.437027,	658.518677,	0.
1969,	153.437027,	653.175354,	0.

1970,	158.531128,	727.982422,	0.
1971,	158.531128,	722.639038,	0.
1972,	158.531128,	717.295715,	0.
1973,	158.531128,	711.952332,	0.
1974,	158.531128,	706.608948,	0.
1975,	158.531128,	701.265625,	0.
1976,	158.531128,	695.922241,	0.
1977,	158.531128,	690.578857,	0.
1978,	158.531128,	685.235535,	0.
1979,	158.531128,	679.892151,	0.
1980,	158.531128,	674.548767,	0.
1981,	158.531128,	669.205444,	0.
1982,	158.531128,	663.862061,	0.
1983,	158.531128,	658.518677,	0.
1984,	158.531128,	653.175354,	0.
1985,	66.4919434,	727.982422,	0.
1986,	66.4919434,	722.639038,	0.
1987,	66.4919434,	717.295715,	0.
1988,	66.4919434,	711.952332,	0.
1989,	66.4919434,	706.608948,	0.
1990,	66.4919434,	701.265625,	0.
1991,	66.4919434,	695.922241,	0.
1992,	66.4919434,	690.578857,	0.
1993,	66.4919434,	685.235535,	0.
1994,	66.4919434,	679.892151,	0.
1995,	66.4919434,	674.548767,	0.
1996,	66.4919434,	669.205444,	0.
1997,	66.4919434,	663.862061,	0.
1998,	66.4919434,	658.518677,	0.
1999,	66.4919434,	653.175354,	0.
2000,	71.5988312,	727.982422,	0.
2001,	71.5988312,	722.639038,	0.
2002,	71.5988312,	717.295715,	0.
2003,	71.5988312,	711.952332,	0.
2004,	71.5988312,	706.608948,	0.
2005,	71.5988312,	701.265625,	0.
2006,	71.5988312,	695.922241,	0.
2007,	71.5988312,	690.578857,	0.
2008,	71.5988312,	685.235535,	0.
2009,	71.5988312,	679.892151,	0.
2010,	71.5988312,	674.548767,	0.
2011,	71.5988312,	669.205444,	0.
2012,	71.5988312,	663.862061,	0.
2013,	71.5988312,	658.518677,	0.
2014,	71.5988312,	653.175354,	0.
2015,	76.705719,	727.982422,	0.

2016,	76.705719,	722.639038,	0.
2017,	76.705719,	717.295715,	0.
2018,	76.705719,	711.952332,	0.
2019,	76.705719,	706.608948,	0.
2020,	76.705719,	701.265625,	0.
2021,	76.705719,	695.922241,	0.
2022,	76.705719,	690.578857,	0.
2023,	76.705719,	685.235535,	0.
2024,	76.705719,	679.892151,	0.
2025,	76.705719,	674.548767,	0.
2026,	76.705719,	669.205444,	0.
2027,	76.705719,	663.862061,	0.
2028,	76.705719,	658.518677,	0.
2029,	76.705719,	653.175354,	0.
2030,	158.550323,	69.8499985,	0.
2031,	158.54393,	76.1999969,	0.
2032,	158.537521,	82.5500031,	0.
2033,	153.475433,	69.8499985,	0.
2034,	153.462631,	76.1999969,	0.
2035,	153.449829,	82.5500031,	0.
2036,	148.400543,	69.8499985,	0.
2037,	148.381348,	76.1999969,	0.
2038,	148.362137,	82.5500031,	0.
2039,	143.325653,	69.8499985,	0.
2040,	143.300049,	76.1999969,	0.
2041,	143.27446,	82.5500031,	0.
2042,	138.212357,	69.8499985,	0.
2043,	138.193161,	76.1999969,	0.
2044,	138.173965,	82.5500031,	0.
2045,	133.099075,	69.8499985,	0.
2046,	133.086273,	76.1999969,	0.
2047,	133.073471,	82.5500031,	0.
2048,	127.985786,	69.8499985,	0.
2049,	127.979385,	76.1999969,	0.
2050,	127.972992,	82.5500031,	0.
2051,	158.531128,	94.2702179,	0.
2052,	158.531128,	99.6404266,	0.
2053,	158.531128,	105.010643,	0.
2054,	158.531128,	110.380859,	0.
2055,	158.531128,	115.751076,	0.
2056,	158.531128,	121.121292,	0.
2057,	158.531128,	126.491501,	0.
2058,	153.437027,	94.2702179,	0.
2059,	153.437027,	99.6404266,	0.
2060,	153.437027,	105.010643,	0.
2061,	153.437027,	110.380859,	0.

2062,	153.437027,	115.751076,	0.
2063,	153.437027,	121.121292,	0.
2064,	153.437027,	126.491501,	0.
2065,	148.342941,	94.2702179,	0.
2066,	148.342941,	99.6404266,	0.
2067,	148.342941,	105.010643,	0.
2068,	148.342941,	110.380859,	0.
2069,	148.342941,	115.751076,	0.
2070,	148.342941,	121.121292,	0.
2071,	148.342941,	126.491501,	0.
2072,	143.248856,	94.2702179,	0.
2073,	143.248856,	99.6404266,	0.
2074,	143.248856,	105.010643,	0.
2075,	143.248856,	110.380859,	0.
2076,	143.248856,	115.751076,	0.
2077,	143.248856,	121.121292,	0.
2078,	143.248856,	126.491501,	0.
2079,	138.15477,	94.2702179,	0.
2080,	138.15477,	99.6404266,	0.
2081,	138.15477,	105.010643,	0.
2082,	138.15477,	110.380859,	0.
2083,	138.15477,	115.751076,	0.
2084,	138.15477,	121.121292,	0.
2085,	138.15477,	126.491501,	0.
2086,	133.060684,	94.2702179,	0.
2087,	133.060684,	99.6404266,	0.
2088,	133.060684,	105.010643,	0.
2089,	133.060684,	110.380859,	0.
2090,	133.060684,	115.751076,	0.
2091,	133.060684,	121.121292,	0.
2092,	133.060684,	126.491501,	0.
2093,	127.966591,	94.2702179,	0.
2094,	127.966591,	99.6404266,	0.
2095,	127.966591,	105.010643,	0.
2096,	127.966591,	110.380859,	0.
2097,	127.966591,	115.751076,	0.
2098,	127.966591,	121.121292,	0.
2099,	127.966591,	126.491501,	0.
2100,	138.15477,	137.205078,	0.
2101,	138.15477,	142.548447,	0.
2102,	138.15477,	147.891815,	0.
2103,	138.15477,	153.235168,	0.
2104,	138.15477,	158.578537,	0.
2105,	138.15477,	163.921906,	0.
2106,	138.15477,	169.265259,	0.
2107,	138.15477,	174.608627,	0.

2108,	138.15477,	179.951996,	0.
2109,	138.15477,	185.295349,	0.
2110,	138.15477,	190.638718,	0.
2111,	138.15477,	195.982086,	0.
2112,	138.15477,	201.325455,	0.
2113,	138.15477,	206.668808,	0.
2114,	138.15477,	212.012177,	0.
2115,	133.060684,	137.205078,	0.
2116,	133.060684,	142.548447,	0.
2117,	133.060684,	147.891815,	0.
2118,	133.060684,	153.235168,	0.
2119,	133.060684,	158.578537,	0.
2120,	133.060684,	163.921906,	0.
2121,	133.060684,	169.265259,	0.
2122,	133.060684,	174.608627,	0.
2123,	133.060684,	179.951996,	0.
2124,	133.060684,	185.295349,	0.
2125,	133.060684,	190.638718,	0.
2126,	133.060684,	195.982086,	0.
2127,	133.060684,	201.325455,	0.
2128,	133.060684,	206.668808,	0.
2129,	133.060684,	212.012177,	0.
2130,	127.966591,	137.205078,	0.
2131,	127.966591,	142.548447,	0.
2132,	127.966591,	147.891815,	0.
2133,	127.966591,	153.235168,	0.
2134,	127.966591,	158.578537,	0.
2135,	127.966591,	163.921906,	0.
2136,	127.966591,	169.265259,	0.
2137,	127.966591,	174.608627,	0.
2138,	127.966591,	179.951996,	0.
2139,	127.966591,	185.295349,	0.
2140,	127.966591,	190.638718,	0.
2141,	127.966591,	195.982086,	0.
2142,	127.966591,	201.325455,	0.
2143,	127.966591,	206.668808,	0.
2144,	127.966591,	212.012177,	0.
2145,	158.531128,	222.712326,	0.
2146,	158.531128,	228.069122,	0.
2147,	158.531128,	233.425903,	0.
2148,	158.531128,	238.7827,	0.
2149,	158.531128,	244.139481,	0.
2150,	158.531128,	249.496277,	0.
2151,	158.531128,	254.853058,	0.
2152,	158.531128,	260.209839,	0.
2153,	158.531128,	265.56665,	0.

2154,	158.531128,	270.923431,	0.
2155,	158.531128,	276.280212,	0.
2156,	158.531128,	281.637024,	0.
2157,	158.531128,	286.993805,	0.
2158,	158.531128,	292.350586,	0.
2159,	158.531128,	297.707367,	0.
2160,	153.437027,	222.712326,	0.
2161,	153.437027,	228.069122,	0.
2162,	153.437027,	233.425903,	0.
2163,	153.437027,	238.7827,	0.
2164,	153.437027,	244.139481,	0.
2165,	153.437027,	249.496277,	0.
2166,	153.437027,	254.853058,	0.
2167,	153.437027,	260.209839,	0.
2168,	153.437027,	265.56665,	0.
2169,	153.437027,	270.923431,	0.
2170,	153.437027,	276.280212,	0.
2171,	153.437027,	281.637024,	0.
2172,	153.437027,	286.993805,	0.
2173,	153.437027,	292.350586,	0.
2174,	153.437027,	297.707367,	0.
2175,	148.342941,	222.712326,	0.
2176,	148.342941,	228.069122,	0.
2177,	148.342941,	233.425903,	0.
2178,	148.342941,	238.7827,	0.
2179,	148.342941,	244.139481,	0.
2180,	148.342941,	249.496277,	0.
2181,	148.342941,	254.853058,	0.
2182,	148.342941,	260.209839,	0.
2183,	148.342941,	265.56665,	0.
2184,	148.342941,	270.923431,	0.
2185,	148.342941,	276.280212,	0.
2186,	148.342941,	281.637024,	0.
2187,	148.342941,	286.993805,	0.
2188,	148.342941,	292.350586,	0.
2189,	148.342941,	297.707367,	0.
2190,	143.248856,	222.712326,	0.
2191,	143.248856,	228.069122,	0.
2192,	143.248856,	233.425903,	0.
2193,	143.248856,	238.7827,	0.
2194,	143.248856,	244.139481,	0.
2195,	143.248856,	249.496277,	0.
2196,	143.248856,	254.853058,	0.
2197,	143.248856,	260.209839,	0.
2198,	143.248856,	265.56665,	0.
2199,	143.248856,	270.923431,	0.

2200,	143.248856,	276.280212,	0.
2201,	143.248856,	281.637024,	0.
2202,	143.248856,	286.993805,	0.
2203,	143.248856,	292.350586,	0.
2204,	143.248856,	297.707367,	0.
2205,	138.15477,	222.712326,	0.
2206,	138.15477,	228.069122,	0.
2207,	138.15477,	233.425903,	0.
2208,	138.15477,	238.7827,	0.
2209,	138.15477,	244.139481,	0.
2210,	138.15477,	249.496277,	0.
2211,	138.15477,	254.853058,	0.
2212,	138.15477,	260.209839,	0.
2213,	138.15477,	265.56665,	0.
2214,	138.15477,	270.923431,	0.
2215,	138.15477,	276.280212,	0.
2216,	138.15477,	281.637024,	0.
2217,	138.15477,	286.993805,	0.
2218,	138.15477,	292.350586,	0.
2219,	138.15477,	297.707367,	0.
2220,	133.060684,	222.712326,	0.
2221,	133.060684,	228.069122,	0.
2222,	133.060684,	233.425903,	0.
2223,	133.060684,	238.7827,	0.
2224,	133.060684,	244.139481,	0.
2225,	133.060684,	249.496277,	0.
2226,	133.060684,	254.853058,	0.
2227,	133.060684,	260.209839,	0.
2228,	133.060684,	265.56665,	0.
2229,	133.060684,	270.923431,	0.
2230,	133.060684,	276.280212,	0.
2231,	133.060684,	281.637024,	0.
2232,	133.060684,	286.993805,	0.
2233,	133.060684,	292.350586,	0.
2234,	133.060684,	297.707367,	0.
2235,	127.966591,	222.712326,	0.
2236,	127.966591,	228.069122,	0.
2237,	127.966591,	233.425903,	0.
2238,	127.966591,	238.7827,	0.
2239,	127.966591,	244.139481,	0.
2240,	127.966591,	249.496277,	0.
2241,	127.966591,	254.853058,	0.
2242,	127.966591,	260.209839,	0.
2243,	127.966591,	265.56665,	0.
2244,	127.966591,	270.923431,	0.
2245,	127.966591,	276.280212,	0.

2246,	127.966591,	281.637024,	0.
2247,	127.966591,	286.993805,	0.
2248,	127.966591,	292.350586,	0.
2249,	127.966591,	297.707367,	0.
2250,	138.15477,	308.461243,	0.
2251,	138.15477,	313.858307,	0.
2252,	138.15477,	319.255371,	0.
2253,	138.15477,	324.652435,	0.
2254,	138.15477,	330.0495,	0.
2255,	138.15477,	335.446564,	0.
2256,	138.15477,	340.843628,	0.
2257,	138.15477,	346.240692,	0.
2258,	138.15477,	351.637756,	0.
2259,	138.15477,	357.034821,	0.
2260,	138.15477,	362.431885,	0.
2261,	138.15477,	367.828949,	0.
2262,	138.15477,	373.226013,	0.
2263,	138.15477,	378.623077,	0.
2264,	138.15477,	384.020172,	0.
2265,	133.060684,	308.461243,	0.
2266,	133.060684,	313.858307,	0.
2267,	133.060684,	319.255371,	0.
2268,	133.060684,	324.652435,	0.
2269,	133.060684,	330.0495,	0.
2270,	133.060684,	335.446564,	0.
2271,	133.060684,	340.843628,	0.
2272,	133.060684,	346.240692,	0.
2273,	133.060684,	351.637756,	0.
2274,	133.060684,	357.034821,	0.
2275,	133.060684,	362.431885,	0.
2276,	133.060684,	367.828949,	0.
2277,	133.060684,	373.226013,	0.
2278,	133.060684,	378.623077,	0.
2279,	133.060684,	384.020172,	0.
2280,	127.966591,	308.461243,	0.
2281,	127.966591,	313.858307,	0.
2282,	127.966591,	319.255371,	0.
2283,	127.966591,	324.652435,	0.
2284,	127.966591,	330.0495,	0.
2285,	127.966591,	335.446564,	0.
2286,	127.966591,	340.843628,	0.
2287,	127.966591,	346.240692,	0.
2288,	127.966591,	351.637756,	0.
2289,	127.966591,	357.034821,	0.
2290,	127.966591,	362.431885,	0.
2291,	127.966591,	367.828949,	0.

2292,	127.966591,	373.226013,	0.
2293,	127.966591,	378.623077,	0.
2294,	127.966591,	384.020172,	0.
2295,	158.531128,	394.814301,	0.
2296,	158.531128,	400.211365,	0.
2297,	158.531128,	405.608429,	0.
2298,	158.531128,	411.005493,	0.
2299,	158.531128,	416.402557,	0.
2300,	158.531128,	421.799622,	0.
2301,	158.531128,	427.196686,	0.
2302,	153.437027,	394.814301,	0.
2303,	153.437027,	400.211365,	0.
2304,	153.437027,	405.608429,	0.
2305,	153.437027,	411.005493,	0.
2306,	153.437027,	416.402557,	0.
2307,	153.437027,	421.799622,	0.
2308,	153.437027,	427.196686,	0.
2309,	148.342941,	394.814301,	0.
2310,	148.342941,	400.211365,	0.
2311,	148.342941,	405.608429,	0.
2312,	148.342941,	411.005493,	0.
2313,	148.342941,	416.402557,	0.
2314,	148.342941,	421.799622,	0.
2315,	148.342941,	427.196686,	0.
2316,	143.248856,	394.814301,	0.
2317,	143.248856,	400.211365,	0.
2318,	143.248856,	405.608429,	0.
2319,	143.248856,	411.005493,	0.
2320,	143.248856,	416.402557,	0.
2321,	143.248856,	421.799622,	0.
2322,	143.248856,	427.196686,	0.
2323,	138.15477,	394.814301,	0.
2324,	138.15477,	400.211365,	0.
2325,	138.15477,	405.608429,	0.
2326,	138.15477,	411.005493,	0.
2327,	138.15477,	416.402557,	0.
2328,	138.15477,	421.799622,	0.
2329,	138.15477,	427.196686,	0.
2330,	133.060684,	394.814301,	0.
2331,	133.060684,	400.211365,	0.
2332,	133.060684,	405.608429,	0.
2333,	133.060684,	411.005493,	0.
2334,	133.060684,	416.402557,	0.
2335,	133.060684,	421.799622,	0.
2336,	133.060684,	427.196686,	0.
2337,	127.966591,	394.814301,	0.

2338,	127.966591,	400.211365,	0.
2339,	127.966591,	405.608429,	0.
2340,	127.966591,	411.005493,	0.
2341,	127.966591,	416.402557,	0.
2342,	127.966591,	421.799622,	0.
2343,	127.966591,	427.196686,	0.
2344,	158.531128,	437.990814,	0.
2345,	158.531128,	443.387878,	0.
2346,	158.531128,	448.784943,	0.
2347,	158.531128,	454.182007,	0.
2348,	158.531128,	459.579071,	0.
2349,	158.531128,	464.976135,	0.
2350,	158.531128,	470.373199,	0.
2351,	153.437027,	437.990814,	0.
2352,	153.437027,	443.387878,	0.
2353,	153.437027,	448.784943,	0.
2354,	153.437027,	454.182007,	0.
2355,	153.437027,	459.579071,	0.
2356,	153.437027,	464.976135,	0.
2357,	153.437027,	470.373199,	0.
2358,	148.342941,	437.990814,	0.
2359,	148.342941,	443.387878,	0.
2360,	148.342941,	448.784943,	0.
2361,	148.342941,	454.182007,	0.
2362,	148.342941,	459.579071,	0.
2363,	148.342941,	464.976135,	0.
2364,	148.342941,	470.373199,	0.
2365,	143.248856,	437.990814,	0.
2366,	143.248856,	443.387878,	0.
2367,	143.248856,	448.784943,	0.
2368,	143.248856,	454.182007,	0.
2369,	143.248856,	459.579071,	0.
2370,	143.248856,	464.976135,	0.
2371,	143.248856,	470.373199,	0.
2372,	138.15477,	437.990814,	0.
2373,	138.15477,	443.387878,	0.
2374,	138.15477,	448.784943,	0.
2375,	138.15477,	454.182007,	0.
2376,	138.15477,	459.579071,	0.
2377,	138.15477,	464.976135,	0.
2378,	138.15477,	470.373199,	0.
2379,	133.060684,	437.990814,	0.
2380,	133.060684,	443.387878,	0.
2381,	133.060684,	448.784943,	0.
2382,	133.060684,	454.182007,	0.
2383,	133.060684,	459.579071,	0.

2384,	133.060684,	464.976135,	0.
2385,	133.060684,	470.373199,	0.
2386,	127.966591,	437.990814,	0.
2387,	127.966591,	443.387878,	0.
2388,	127.966591,	448.784943,	0.
2389,	127.966591,	454.182007,	0.
2390,	127.966591,	459.579071,	0.
2391,	127.966591,	464.976135,	0.
2392,	127.966591,	470.373199,	0.
2393,	138.15477,	481.167328,	0.
2394,	138.15477,	486.564423,	0.
2395,	138.15477,	491.961487,	0.
2396,	138.15477,	497.358551,	0.
2397,	138.15477,	502.755615,	0.
2398,	138.15477,	508.152679,	0.
2399,	138.15477,	513.549744,	0.
2400,	138.15477,	518.946777,	0.
2401,	138.15477,	524.343872,	0.
2402,	138.15477,	529.740967,	0.
2403,	138.15477,	535.138,	0.
2404,	138.15477,	540.535095,	0.
2405,	138.15477,	545.932129,	0.
2406,	138.15477,	551.329224,	0.
2407,	138.15477,	556.726257,	0.
2408,	133.060684,	481.167328,	0.
2409,	133.060684,	486.564423,	0.
2410,	133.060684,	491.961487,	0.
2411,	133.060684,	497.358551,	0.
2412,	133.060684,	502.755615,	0.
2413,	133.060684,	508.152679,	0.
2414,	133.060684,	513.549744,	0.
2415,	133.060684,	518.946777,	0.
2416,	133.060684,	524.343872,	0.
2417,	133.060684,	529.740967,	0.
2418,	133.060684,	535.138,	0.
2419,	133.060684,	540.535095,	0.
2420,	133.060684,	545.932129,	0.
2421,	133.060684,	551.329224,	0.
2422,	133.060684,	556.726257,	0.
2423,	127.966591,	481.167328,	0.
2424,	127.966591,	486.564423,	0.
2425,	127.966591,	491.961487,	0.
2426,	127.966591,	497.358551,	0.
2427,	127.966591,	502.755615,	0.
2428,	127.966591,	508.152679,	0.
2429,	127.966591,	513.549744,	0.

2430,	127.966591,	518.946777,	0.
2431,	127.966591,	524.343872,	0.
2432,	127.966591,	529.740967,	0.
2433,	127.966591,	535.138,	0.
2434,	127.966591,	540.535095,	0.
2435,	127.966591,	545.932129,	0.
2436,	127.966591,	551.329224,	0.
2437,	127.966591,	556.726257,	0.
2438,	158.531128,	567.480103,	0.
2439,	158.531128,	572.836914,	0.
2440,	158.531128,	578.193726,	0.
2441,	158.531128,	583.550476,	0.
2442,	158.531128,	588.907288,	0.
2443,	158.531128,	594.264038,	0.
2444,	158.531128,	599.62085,	0.
2445,	158.531128,	604.977661,	0.
2446,	158.531128,	610.334412,	0.
2447,	158.531128,	615.691223,	0.
2448,	158.531128,	621.048035,	0.
2449,	158.531128,	626.404785,	0.
2450,	158.531128,	631.761597,	0.
2451,	158.531128,	637.118408,	0.
2452,	158.531128,	642.475159,	0.
2453,	153.437027,	567.480103,	0.
2454,	153.437027,	572.836914,	0.
2455,	153.437027,	578.193726,	0.
2456,	153.437027,	583.550476,	0.
2457,	153.437027,	588.907288,	0.
2458,	153.437027,	594.264038,	0.
2459,	153.437027,	599.62085,	0.
2460,	153.437027,	604.977661,	0.
2461,	153.437027,	610.334412,	0.
2462,	153.437027,	615.691223,	0.
2463,	153.437027,	621.048035,	0.
2464,	153.437027,	626.404785,	0.
2465,	153.437027,	631.761597,	0.
2466,	153.437027,	637.118408,	0.
2467,	153.437027,	642.475159,	0.
2468,	148.342941,	567.480103,	0.
2469,	148.342941,	572.836914,	0.
2470,	148.342941,	578.193726,	0.
2471,	148.342941,	583.550476,	0.
2472,	148.342941,	588.907288,	0.
2473,	148.342941,	594.264038,	0.
2474,	148.342941,	599.62085,	0.
2475,	148.342941,	604.977661,	0.

2476,	148.342941,	610.334412,	0.
2477,	148.342941,	615.691223,	0.
2478,	148.342941,	621.048035,	0.
2479,	148.342941,	626.404785,	0.
2480,	148.342941,	631.761597,	0.
2481,	148.342941,	637.118408,	0.
2482,	148.342941,	642.475159,	0.
2483,	143.248856,	567.480103,	0.
2484,	143.248856,	572.836914,	0.
2485,	143.248856,	578.193726,	0.
2486,	143.248856,	583.550476,	0.
2487,	143.248856,	588.907288,	0.
2488,	143.248856,	594.264038,	0.
2489,	143.248856,	599.62085,	0.
2490,	143.248856,	604.977661,	0.
2491,	143.248856,	610.334412,	0.
2492,	143.248856,	615.691223,	0.
2493,	143.248856,	621.048035,	0.
2494,	143.248856,	626.404785,	0.
2495,	143.248856,	631.761597,	0.
2496,	143.248856,	637.118408,	0.
2497,	143.248856,	642.475159,	0.
2498,	138.15477,	567.480103,	0.
2499,	138.15477,	572.836914,	0.
2500,	138.15477,	578.193726,	0.
2501,	138.15477,	583.550476,	0.
2502,	138.15477,	588.907288,	0.
2503,	138.15477,	594.264038,	0.
2504,	138.15477,	599.62085,	0.
2505,	138.15477,	604.977661,	0.
2506,	138.15477,	610.334412,	0.
2507,	138.15477,	615.691223,	0.
2508,	138.15477,	621.048035,	0.
2509,	138.15477,	626.404785,	0.
2510,	138.15477,	631.761597,	0.
2511,	138.15477,	637.118408,	0.
2512,	138.15477,	642.475159,	0.
2513,	133.060684,	567.480103,	0.
2514,	133.060684,	572.836914,	0.
2515,	133.060684,	578.193726,	0.
2516,	133.060684,	583.550476,	0.
2517,	133.060684,	588.907288,	0.
2518,	133.060684,	594.264038,	0.
2519,	133.060684,	599.62085,	0.
2520,	133.060684,	604.977661,	0.
2521,	133.060684,	610.334412,	0.

2522,	133.060684,	615.691223,	0.
2523,	133.060684,	621.048035,	0.
2524,	133.060684,	626.404785,	0.
2525,	133.060684,	631.761597,	0.
2526,	133.060684,	637.118408,	0.
2527,	133.060684,	642.475159,	0.
2528,	127.966591,	567.480103,	0.
2529,	127.966591,	572.836914,	0.
2530,	127.966591,	578.193726,	0.
2531,	127.966591,	583.550476,	0.
2532,	127.966591,	588.907288,	0.
2533,	127.966591,	594.264038,	0.
2534,	127.966591,	599.62085,	0.
2535,	127.966591,	604.977661,	0.
2536,	127.966591,	610.334412,	0.
2537,	127.966591,	615.691223,	0.
2538,	127.966591,	621.048035,	0.
2539,	127.966591,	626.404785,	0.
2540,	127.966591,	631.761597,	0.
2541,	127.966591,	637.118408,	0.
2542,	127.966591,	642.475159,	0.
2543,	138.15477,	653.175354,	0.
2544,	138.15477,	658.518677,	0.
2545,	138.15477,	663.862061,	0.
2546,	138.15477,	669.205444,	0.
2547,	138.15477,	674.548767,	0.
2548,	138.15477,	679.892151,	0.
2549,	138.15477,	685.235535,	0.
2550,	138.15477,	690.578857,	0.
2551,	138.15477,	695.922241,	0.
2552,	138.15477,	701.265625,	0.
2553,	138.15477,	706.608948,	0.
2554,	138.15477,	711.952332,	0.
2555,	138.15477,	717.295715,	0.
2556,	138.15477,	722.639038,	0.
2557,	138.15477,	727.982422,	0.
2558,	133.060684,	653.175354,	0.
2559,	133.060684,	658.518677,	0.
2560,	133.060684,	663.862061,	0.
2561,	133.060684,	669.205444,	0.
2562,	133.060684,	674.548767,	0.
2563,	133.060684,	679.892151,	0.
2564,	133.060684,	685.235535,	0.
2565,	133.060684,	690.578857,	0.
2566,	133.060684,	695.922241,	0.
2567,	133.060684,	701.265625,	0.

2568,	133.060684,	706.608948,	0.
2569,	133.060684,	711.952332,	0.
2570,	133.060684,	717.295715,	0.
2571,	133.060684,	722.639038,	0.
2572,	133.060684,	727.982422,	0.
2573,	127.966591,	653.175354,	0.
2574,	127.966591,	658.518677,	0.
2575,	127.966591,	663.862061,	0.
2576,	127.966591,	669.205444,	0.
2577,	127.966591,	674.548767,	0.
2578,	127.966591,	679.892151,	0.
2579,	127.966591,	685.235535,	0.
2580,	127.966591,	690.578857,	0.
2581,	127.966591,	695.922241,	0.
2582,	127.966591,	701.265625,	0.
2583,	127.966591,	706.608948,	0.
2584,	127.966591,	711.952332,	0.
2585,	127.966591,	717.295715,	0.
2586,	127.966591,	722.639038,	0.
2587,	127.966591,	727.982422,	0.
2588,	158.531128,	738.695984,	0.
2589,	158.531128,	744.066223,	0.
2590,	158.531128,	749.436401,	0.
2591,	158.531128,	754.806641,	0.
2592,	158.531128,	760.17688,	0.
2593,	158.531128,	765.547058,	0.
2594,	158.531128,	770.917297,	0.
2595,	153.437027,	738.695984,	0.
2596,	153.437027,	744.066223,	0.
2597,	153.437027,	749.436401,	0.
2598,	153.437027,	754.806641,	0.
2599,	153.437027,	760.17688,	0.
2600,	153.437027,	765.547058,	0.
2601,	153.437027,	770.917297,	0.
2602,	148.342941,	738.695984,	0.
2603,	148.342941,	744.066223,	0.
2604,	148.342941,	749.436401,	0.
2605,	148.342941,	754.806641,	0.
2606,	148.342941,	760.17688,	0.
2607,	148.342941,	765.547058,	0.
2608,	148.342941,	770.917297,	0.
2609,	143.248856,	738.695984,	0.
2610,	143.248856,	744.066223,	0.
2611,	143.248856,	749.436401,	0.
2612,	143.248856,	754.806641,	0.
2613,	143.248856,	760.17688,	0.

2614,	143.248856,	765.547058,	0.
2615,	143.248856,	770.917297,	0.
2616,	138.15477,	738.695984,	0.
2617,	138.15477,	744.066223,	0.
2618,	138.15477,	749.436401,	0.
2619,	138.15477,	754.806641,	0.
2620,	138.15477,	760.17688,	0.
2621,	138.15477,	765.547058,	0.
2622,	138.15477,	770.917297,	0.
2623,	133.060684,	738.695984,	0.
2624,	133.060684,	744.066223,	0.
2625,	133.060684,	749.436401,	0.
2626,	133.060684,	754.806641,	0.
2627,	133.060684,	760.17688,	0.
2628,	133.060684,	765.547058,	0.
2629,	133.060684,	770.917297,	0.
2630,	127.966591,	738.695984,	0.
2631,	127.966591,	744.066223,	0.
2632,	127.966591,	749.436401,	0.
2633,	127.966591,	754.806641,	0.
2634,	127.966591,	760.17688,	0.
2635,	127.966591,	765.547058,	0.
2636,	127.966591,	770.917297,	0.
2637,	168.770493,	795.337524,	0.
2638,	168.770493,	788.987488,	0.
2639,	168.770493,	782.637512,	0.
2640,	173.915787,	795.337524,	0.
2641,	173.915787,	788.987488,	0.
2642,	173.915787,	782.637512,	0.
2643,	179.061066,	795.337524,	0.
2644,	179.061066,	788.987488,	0.
2645,	179.061066,	782.637512,	0.
2646,	184.20636,	795.337524,	0.
2647,	184.20636,	788.987488,	0.
2648,	184.20636,	782.637512,	0.
2649,	189.351639,	795.337524,	0.
2650,	189.351639,	788.987488,	0.
2651,	189.351639,	782.637512,	0.
2652,	194.496933,	795.337524,	0.
2653,	194.496933,	788.987488,	0.
2654,	194.496933,	782.637512,	0.
2655,	199.642212,	795.337524,	0.
2656,	199.642212,	788.987488,	0.
2657,	199.642212,	782.637512,	0.
2658,	117.752815,	69.8499985,	0.
2659,	117.752815,	76.1999969,	0.

2660,	117.752815,	82.5500031,	0.
2661,	112.633125,	69.8499985,	0.
2662,	112.633125,	76.1999969,	0.
2663,	112.633125,	82.5500031,	0.
2664,	107.513435,	69.8499985,	0.
2665,	107.513435,	76.1999969,	0.
2666,	107.513435,	82.5500031,	0.
2667,	117.752815,	94.2702179,	0.
2668,	117.752815,	99.6404266,	0.
2669,	117.752815,	105.010643,	0.
2670,	117.752815,	110.380859,	0.
2671,	117.752815,	115.751076,	0.
2672,	117.752815,	121.121292,	0.
2673,	117.752815,	126.491501,	0.
2674,	112.633125,	94.2702179,	0.
2675,	112.633125,	99.6404266,	0.
2676,	112.633125,	105.010643,	0.
2677,	112.633125,	110.380859,	0.
2678,	112.633125,	115.751076,	0.
2679,	112.633125,	121.121292,	0.
2680,	112.633125,	126.491501,	0.
2681,	107.513435,	94.2702179,	0.
2682,	107.513435,	99.6404266,	0.
2683,	107.513435,	105.010643,	0.
2684,	107.513435,	110.380859,	0.
2685,	107.513435,	115.751076,	0.
2686,	107.513435,	121.121292,	0.
2687,	107.513435,	126.491501,	0.
2688,	117.752815,	137.205078,	0.
2689,	117.752815,	142.548447,	0.
2690,	117.752815,	147.891815,	0.
2691,	117.752815,	153.235168,	0.
2692,	117.752815,	158.578537,	0.
2693,	117.752815,	163.921906,	0.
2694,	117.752815,	169.265259,	0.
2695,	117.752815,	174.608627,	0.
2696,	117.752815,	179.951996,	0.
2697,	117.752815,	185.295349,	0.
2698,	117.752815,	190.638718,	0.
2699,	117.752815,	195.982086,	0.
2700,	117.752815,	201.325455,	0.
2701,	117.752815,	206.668808,	0.
2702,	117.752815,	212.012177,	0.
2703,	112.633125,	137.205078,	0.
2704,	112.633125,	142.548447,	0.
2705,	112.633125,	147.891815,	0.

2706,	112.633125,	153.235168,	0.
2707,	112.633125,	158.578537,	0.
2708,	112.633125,	163.921906,	0.
2709,	112.633125,	169.265259,	0.
2710,	112.633125,	174.608627,	0.
2711,	112.633125,	179.951996,	0.
2712,	112.633125,	185.295349,	0.
2713,	112.633125,	190.638718,	0.
2714,	112.633125,	195.982086,	0.
2715,	112.633125,	201.325455,	0.
2716,	112.633125,	206.668808,	0.
2717,	112.633125,	212.012177,	0.
2718,	107.513435,	137.205078,	0.
2719,	107.513435,	142.548447,	0.
2720,	107.513435,	147.891815,	0.
2721,	107.513435,	153.235168,	0.
2722,	107.513435,	158.578537,	0.
2723,	107.513435,	163.921906,	0.
2724,	107.513435,	169.265259,	0.
2725,	107.513435,	174.608627,	0.
2726,	107.513435,	179.951996,	0.
2727,	107.513435,	185.295349,	0.
2728,	107.513435,	190.638718,	0.
2729,	107.513435,	195.982086,	0.
2730,	107.513435,	201.325455,	0.
2731,	107.513435,	206.668808,	0.
2732,	107.513435,	212.012177,	0.
2733,	117.752815,	222.712326,	0.
2734,	117.752815,	228.069122,	0.
2735,	117.752815,	233.425903,	0.
2736,	117.752815,	238.7827,	0.
2737,	117.752815,	244.139481,	0.
2738,	117.752815,	249.496277,	0.
2739,	117.752815,	254.853058,	0.
2740,	117.752815,	260.209839,	0.
2741,	117.752815,	265.56665,	0.
2742,	117.752815,	270.923431,	0.
2743,	117.752815,	276.280212,	0.
2744,	117.752815,	281.637024,	0.
2745,	117.752815,	286.993805,	0.
2746,	117.752815,	292.350586,	0.
2747,	117.752815,	297.707367,	0.
2748,	112.633125,	222.712326,	0.
2749,	112.633125,	228.069122,	0.
2750,	112.633125,	233.425903,	0.
2751,	112.633125,	238.7827,	0.

2752,	112.633125,	244.139481,	0.
2753,	112.633125,	249.496277,	0.
2754,	112.633125,	254.853058,	0.
2755,	112.633125,	260.209839,	0.
2756,	112.633125,	265.56665,	0.
2757,	112.633125,	270.923431,	0.
2758,	112.633125,	276.280212,	0.
2759,	112.633125,	281.637024,	0.
2760,	112.633125,	286.993805,	0.
2761,	112.633125,	292.350586,	0.
2762,	112.633125,	297.707367,	0.
2763,	107.513435,	222.712326,	0.
2764,	107.513435,	228.069122,	0.
2765,	107.513435,	233.425903,	0.
2766,	107.513435,	238.7827,	0.
2767,	107.513435,	244.139481,	0.
2768,	107.513435,	249.496277,	0.
2769,	107.513435,	254.853058,	0.
2770,	107.513435,	260.209839,	0.
2771,	107.513435,	265.56665,	0.
2772,	107.513435,	270.923431,	0.
2773,	107.513435,	276.280212,	0.
2774,	107.513435,	281.637024,	0.
2775,	107.513435,	286.993805,	0.
2776,	107.513435,	292.350586,	0.
2777,	107.513435,	297.707367,	0.
2778,	117.752815,	308.461243,	0.
2779,	117.752815,	313.858307,	0.
2780,	117.752815,	319.255371,	0.
2781,	117.752815,	324.652435,	0.
2782,	117.752815,	330.0495,	0.
2783,	117.752815,	335.446564,	0.
2784,	117.752815,	340.843628,	0.
2785,	117.752815,	346.240692,	0.
2786,	117.752815,	351.637756,	0.
2787,	117.752815,	357.034821,	0.
2788,	117.752815,	362.431885,	0.
2789,	117.752815,	367.828949,	0.
2790,	117.752815,	373.226013,	0.
2791,	117.752815,	378.623077,	0.
2792,	117.752815,	384.020172,	0.
2793,	112.633125,	308.461243,	0.
2794,	112.633125,	313.858307,	0.
2795,	112.633125,	319.255371,	0.
2796,	112.633125,	324.652435,	0.
2797,	112.633125,	330.0495,	0.

2798,	112.633125,	335.446564,	0.
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2800,	112.633125,	346.240692,	0.
2801,	112.633125,	351.637756,	0.
2802,	112.633125,	357.034821,	0.
2803,	112.633125,	362.431885,	0.
2804,	112.633125,	367.828949,	0.
2805,	112.633125,	373.226013,	0.
2806,	112.633125,	378.623077,	0.
2807,	112.633125,	384.020172,	0.
2808,	107.513435,	308.461243,	0.
2809,	107.513435,	313.858307,	0.
2810,	107.513435,	319.255371,	0.
2811,	107.513435,	324.652435,	0.
2812,	107.513435,	330.0495,	0.
2813,	107.513435,	335.446564,	0.
2814,	107.513435,	340.843628,	0.
2815,	107.513435,	346.240692,	0.
2816,	107.513435,	351.637756,	0.
2817,	107.513435,	357.034821,	0.
2818,	107.513435,	362.431885,	0.
2819,	107.513435,	367.828949,	0.
2820,	107.513435,	373.226013,	0.
2821,	107.513435,	378.623077,	0.
2822,	107.513435,	384.020172,	0.
2823,	117.752815,	394.814301,	0.
2824,	117.752815,	400.211365,	0.
2825,	117.752815,	405.608429,	0.
2826,	117.752815,	411.005493,	0.
2827,	117.752815,	416.402557,	0.
2828,	117.752815,	421.799622,	0.
2829,	117.752815,	427.196686,	0.
2830,	112.633125,	394.814301,	0.
2831,	112.633125,	400.211365,	0.
2832,	112.633125,	405.608429,	0.
2833,	112.633125,	411.005493,	0.
2834,	112.633125,	416.402557,	0.
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2836,	112.633125,	427.196686,	0.
2837,	107.513435,	394.814301,	0.
2838,	107.513435,	400.211365,	0.
2839,	107.513435,	405.608429,	0.
2840,	107.513435,	411.005493,	0.
2841,	107.513435,	416.402557,	0.
2842,	107.513435,	421.799622,	0.
2843,	107.513435,	427.196686,	0.

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2845,	117.752815,	443.387878,	0.
2846,	117.752815,	448.784943,	0.
2847,	117.752815,	454.182007,	0.
2848,	117.752815,	459.579071,	0.
2849,	117.752815,	464.976135,	0.
2850,	117.752815,	470.373199,	0.
2851,	112.633125,	437.990814,	0.
2852,	112.633125,	443.387878,	0.
2853,	112.633125,	448.784943,	0.
2854,	112.633125,	454.182007,	0.
2855,	112.633125,	459.579071,	0.
2856,	112.633125,	464.976135,	0.
2857,	112.633125,	470.373199,	0.
2858,	107.513435,	437.990814,	0.
2859,	107.513435,	443.387878,	0.
2860,	107.513435,	448.784943,	0.
2861,	107.513435,	454.182007,	0.
2862,	107.513435,	459.579071,	0.
2863,	107.513435,	464.976135,	0.
2864,	107.513435,	470.373199,	0.
2865,	117.752815,	481.167328,	0.
2866,	117.752815,	486.564423,	0.
2867,	117.752815,	491.961487,	0.
2868,	117.752815,	497.358551,	0.
2869,	117.752815,	502.755615,	0.
2870,	117.752815,	508.152679,	0.
2871,	117.752815,	513.549744,	0.
2872,	117.752815,	518.946777,	0.
2873,	117.752815,	524.343872,	0.
2874,	117.752815,	529.740967,	0.
2875,	117.752815,	535.138,	0.
2876,	117.752815,	540.535095,	0.
2877,	117.752815,	545.932129,	0.
2878,	117.752815,	551.329224,	0.
2879,	117.752815,	556.726257,	0.
2880,	112.633125,	481.167328,	0.
2881,	112.633125,	486.564423,	0.
2882,	112.633125,	491.961487,	0.
2883,	112.633125,	497.358551,	0.
2884,	112.633125,	502.755615,	0.
2885,	112.633125,	508.152679,	0.
2886,	112.633125,	513.549744,	0.
2887,	112.633125,	518.946777,	0.
2888,	112.633125,	524.343872,	0.
2889,	112.633125,	529.740967,	0.

2890,	112.633125,	535.138,	0.
2891,	112.633125,	540.535095,	0.
2892,	112.633125,	545.932129,	0.
2893,	112.633125,	551.329224,	0.
2894,	112.633125,	556.726257,	0.
2895,	107.513435,	481.167328,	0.
2896,	107.513435,	486.564423,	0.
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2898,	107.513435,	497.358551,	0.
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2901,	107.513435,	513.549744,	0.
2902,	107.513435,	518.946777,	0.
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2904,	107.513435,	529.740967,	0.
2905,	107.513435,	535.138,	0.
2906,	107.513435,	540.535095,	0.
2907,	107.513435,	545.932129,	0.
2908,	107.513435,	551.329224,	0.
2909,	107.513435,	556.726257,	0.
2910,	117.752815,	567.480103,	0.
2911,	117.752815,	572.836914,	0.
2912,	117.752815,	578.193726,	0.
2913,	117.752815,	583.550476,	0.
2914,	117.752815,	588.907288,	0.
2915,	117.752815,	594.264038,	0.
2916,	117.752815,	599.62085,	0.
2917,	117.752815,	604.977661,	0.
2918,	117.752815,	610.334412,	0.
2919,	117.752815,	615.691223,	0.
2920,	117.752815,	621.048035,	0.
2921,	117.752815,	626.404785,	0.
2922,	117.752815,	631.761597,	0.
2923,	117.752815,	637.118408,	0.
2924,	117.752815,	642.475159,	0.
2925,	112.633125,	567.480103,	0.
2926,	112.633125,	572.836914,	0.
2927,	112.633125,	578.193726,	0.
2928,	112.633125,	583.550476,	0.
2929,	112.633125,	588.907288,	0.
2930,	112.633125,	594.264038,	0.
2931,	112.633125,	599.62085,	0.
2932,	112.633125,	604.977661,	0.
2933,	112.633125,	610.334412,	0.
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2938,	112.633125,	637.118408,	0.
2939,	112.633125,	642.475159,	0.
2940,	107.513435,	567.480103,	0.
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2951,	107.513435,	626.404785,	0.
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2953,	107.513435,	637.118408,	0.
2954,	107.513435,	642.475159,	0.
2955,	117.752815,	653.175354,	0.
2956,	117.752815,	658.518677,	0.
2957,	117.752815,	663.862061,	0.
2958,	117.752815,	669.205444,	0.
2959,	117.752815,	674.548767,	0.
2960,	117.752815,	679.892151,	0.
2961,	117.752815,	685.235535,	0.
2962,	117.752815,	690.578857,	0.
2963,	117.752815,	695.922241,	0.
2964,	117.752815,	701.265625,	0.
2965,	117.752815,	706.608948,	0.
2966,	117.752815,	711.952332,	0.
2967,	117.752815,	717.295715,	0.
2968,	117.752815,	722.639038,	0.
2969,	117.752815,	727.982422,	0.
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2971,	112.633125,	658.518677,	0.
2972,	112.633125,	663.862061,	0.
2973,	112.633125,	669.205444,	0.
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2975,	112.633125,	679.892151,	0.
2976,	112.633125,	685.235535,	0.
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2979,	112.633125,	701.265625,	0.
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2983,	112.633125,	722.639038,	0.
2984,	112.633125,	727.982422,	0.
2985,	107.513435,	653.175354,	0.
2986,	107.513435,	658.518677,	0.
2987,	107.513435,	663.862061,	0.
2988,	107.513435,	669.205444,	0.
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2991,	107.513435,	685.235535,	0.
2992,	107.513435,	690.578857,	0.
2993,	107.513435,	695.922241,	0.
2994,	107.513435,	701.265625,	0.
2995,	107.513435,	706.608948,	0.
2996,	107.513435,	711.952332,	0.
2997,	107.513435,	717.295715,	0.
2998,	107.513435,	722.639038,	0.
2999,	107.513435,	727.982422,	0.
3000,	117.752815,	738.695984,	0.
3001,	117.752815,	744.066223,	0.
3002,	117.752815,	749.436401,	0.
3003,	117.752815,	754.806641,	0.
3004,	117.752815,	760.17688,	0.
3005,	117.752815,	765.547058,	0.
3006,	117.752815,	770.917297,	0.
3007,	112.633125,	738.695984,	0.
3008,	112.633125,	744.066223,	0.
3009,	112.633125,	749.436401,	0.
3010,	112.633125,	754.806641,	0.
3011,	112.633125,	760.17688,	0.
3012,	112.633125,	765.547058,	0.
3013,	112.633125,	770.917297,	0.
3014,	107.513435,	738.695984,	0.
3015,	107.513435,	744.066223,	0.
3016,	107.513435,	749.436401,	0.
3017,	107.513435,	754.806641,	0.
3018,	107.513435,	760.17688,	0.
3019,	107.513435,	765.547058,	0.
3020,	107.513435,	770.917297,	0.
3021,	158.537521,	782.637512,	0.
3022,	158.54393,	788.987488,	0.
3023,	158.550323,	795.337524,	0.
3024,	153.449829,	782.637512,	0.
3025,	153.462631,	788.987488,	0.
3026,	153.475433,	795.337524,	0.
3027,	148.362137,	782.637512,	0.

3028,	148.381348,	788.987488,	0.
3029,	148.400543,	795.337524,	0.
3030,	143.27446,	782.637512,	0.
3031,	143.300049,	788.987488,	0.
3032,	143.325653,	795.337524,	0.
3033,	138.173965,	782.637512,	0.
3034,	138.193161,	788.987488,	0.
3035,	138.212357,	795.337524,	0.
3036,	133.073471,	782.637512,	0.
3037,	133.086273,	788.987488,	0.
3038,	133.099075,	795.337524,	0.
3039,	127.972992,	782.637512,	0.
3040,	127.979385,	788.987488,	0.
3041,	127.985786,	795.337524,	0.
3042,	46.0355911,	795.337524,	0.
3043,	46.0451889,	788.987488,	0.
3044,	46.0547905,	782.637512,	0.
3045,	51.1136818,	795.337524,	0.
3046,	51.1328773,	788.987488,	0.
3047,	51.1520767,	782.637512,	0.
3048,	56.1917686,	795.337524,	0.
3049,	56.2205696,	788.987488,	0.
3050,	56.2493668,	782.637512,	0.
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3052,	61.3082581,	788.987488,	0.
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3055,	66.4343414,	788.987488,	0.
3056,	66.4631424,	782.637512,	0.
3057,	71.5412369,	795.337524,	0.
3058,	71.5604324,	788.987488,	0.
3059,	71.579628,	782.637512,	0.
3060,	76.676918,	795.337524,	0.
3061,	76.6865158,	788.987488,	0.
3062,	76.6961212,	782.637512,	0.
3063,	46.0643883,	770.917297,	0.
3064,	46.0643883,	765.547058,	0.
3065,	46.0643883,	760.17688,	0.
3066,	46.0643883,	754.806641,	0.
3067,	46.0643883,	749.436401,	0.
3068,	46.0643883,	744.066223,	0.
3069,	46.0643883,	738.695984,	0.
3070,	51.1712761,	770.917297,	0.
3071,	51.1712761,	765.547058,	0.
3072,	51.1712761,	760.17688,	0.
3073,	51.1712761,	754.806641,	0.

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3075,	51.1712761,	744.066223,	0.
3076,	51.1712761,	738.695984,	0.
3077,	56.2781639,	770.917297,	0.
3078,	56.2781639,	765.547058,	0.
3079,	56.2781639,	760.17688,	0.
3080,	56.2781639,	754.806641,	0.
3081,	56.2781639,	749.436401,	0.
3082,	56.2781639,	744.066223,	0.
3083,	56.2781639,	738.695984,	0.
3084,	61.3850517,	770.917297,	0.
3085,	61.3850517,	765.547058,	0.
3086,	61.3850517,	760.17688,	0.
3087,	61.3850517,	754.806641,	0.
3088,	61.3850517,	749.436401,	0.
3089,	61.3850517,	744.066223,	0.
3090,	61.3850517,	738.695984,	0.
3091,	66.4919434,	770.917297,	0.
3092,	66.4919434,	765.547058,	0.
3093,	66.4919434,	760.17688,	0.
3094,	66.4919434,	754.806641,	0.
3095,	66.4919434,	749.436401,	0.
3096,	66.4919434,	744.066223,	0.
3097,	66.4919434,	738.695984,	0.
3098,	71.5988312,	770.917297,	0.
3099,	71.5988312,	765.547058,	0.
3100,	71.5988312,	760.17688,	0.
3101,	71.5988312,	754.806641,	0.
3102,	71.5988312,	749.436401,	0.
3103,	71.5988312,	744.066223,	0.
3104,	71.5988312,	738.695984,	0.
3105,	76.705719,	770.917297,	0.
3106,	76.705719,	765.547058,	0.
3107,	76.705719,	760.17688,	0.
3108,	76.705719,	754.806641,	0.
3109,	76.705719,	749.436401,	0.
3110,	76.705719,	744.066223,	0.
3111,	76.705719,	738.695984,	0.
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3117,	56.2781639,	679.892151,	0.
3118,	56.2781639,	685.235535,	0.
3119,	56.2781639,	690.578857,	0.

3120,	56.2781639,	695.922241,	0.
3121,	56.2781639,	701.265625,	0.
3122,	56.2781639,	706.608948,	0.
3123,	56.2781639,	711.952332,	0.
3124,	56.2781639,	717.295715,	0.
3125,	56.2781639,	722.639038,	0.
3126,	56.2781639,	727.982422,	0.
3127,	51.1712761,	653.175354,	0.
3128,	51.1712761,	658.518677,	0.
3129,	51.1712761,	663.862061,	0.
3130,	51.1712761,	669.205444,	0.
3131,	51.1712761,	674.548767,	0.
3132,	51.1712761,	679.892151,	0.
3133,	51.1712761,	685.235535,	0.
3134,	51.1712761,	690.578857,	0.
3135,	51.1712761,	695.922241,	0.
3136,	51.1712761,	701.265625,	0.
3137,	51.1712761,	706.608948,	0.
3138,	51.1712761,	711.952332,	0.
3139,	51.1712761,	717.295715,	0.
3140,	51.1712761,	722.639038,	0.
3141,	51.1712761,	727.982422,	0.
3142,	46.0643883,	653.175354,	0.
3143,	46.0643883,	658.518677,	0.
3144,	46.0643883,	663.862061,	0.
3145,	46.0643883,	669.205444,	0.
3146,	46.0643883,	674.548767,	0.
3147,	46.0643883,	679.892151,	0.
3148,	46.0643883,	685.235535,	0.
3149,	46.0643883,	690.578857,	0.
3150,	46.0643883,	695.922241,	0.
3151,	46.0643883,	701.265625,	0.
3152,	46.0643883,	706.608948,	0.
3153,	46.0643883,	711.952332,	0.
3154,	46.0643883,	717.295715,	0.
3155,	46.0643883,	722.639038,	0.
3156,	46.0643883,	727.982422,	0.
3157,	46.0643883,	642.475159,	0.
3158,	46.0643883,	637.118408,	0.
3159,	46.0643883,	631.761597,	0.
3160,	46.0643883,	626.404785,	0.
3161,	46.0643883,	621.048035,	0.
3162,	46.0643883,	615.691223,	0.
3163,	46.0643883,	610.334412,	0.
3164,	46.0643883,	604.977661,	0.
3165,	46.0643883,	599.62085,	0.

3166,	46.0643883,	594.264038,	0.
3167,	46.0643883,	588.907288,	0.
3168,	46.0643883,	583.550476,	0.
3169,	46.0643883,	578.193726,	0.
3170,	46.0643883,	572.836914,	0.
3171,	46.0643883,	567.480103,	0.
3172,	51.1712761,	642.475159,	0.
3173,	51.1712761,	637.118408,	0.
3174,	51.1712761,	631.761597,	0.
3175,	51.1712761,	626.404785,	0.
3176,	51.1712761,	621.048035,	0.
3177,	51.1712761,	615.691223,	0.
3178,	51.1712761,	610.334412,	0.
3179,	51.1712761,	604.977661,	0.
3180,	51.1712761,	599.62085,	0.
3181,	51.1712761,	594.264038,	0.
3182,	51.1712761,	588.907288,	0.
3183,	51.1712761,	583.550476,	0.
3184,	51.1712761,	578.193726,	0.
3185,	51.1712761,	572.836914,	0.
3186,	51.1712761,	567.480103,	0.
3187,	56.2781639,	642.475159,	0.
3188,	56.2781639,	637.118408,	0.
3189,	56.2781639,	631.761597,	0.
3190,	56.2781639,	626.404785,	0.
3191,	56.2781639,	621.048035,	0.
3192,	56.2781639,	615.691223,	0.
3193,	56.2781639,	610.334412,	0.
3194,	56.2781639,	604.977661,	0.
3195,	56.2781639,	599.62085,	0.
3196,	56.2781639,	594.264038,	0.
3197,	56.2781639,	588.907288,	0.
3198,	56.2781639,	583.550476,	0.
3199,	56.2781639,	578.193726,	0.
3200,	56.2781639,	572.836914,	0.
3201,	56.2781639,	567.480103,	0.
3202,	61.3850517,	642.475159,	0.
3203,	61.3850517,	637.118408,	0.
3204,	61.3850517,	631.761597,	0.
3205,	61.3850517,	626.404785,	0.
3206,	61.3850517,	621.048035,	0.
3207,	61.3850517,	615.691223,	0.
3208,	61.3850517,	610.334412,	0.
3209,	61.3850517,	604.977661,	0.
3210,	61.3850517,	599.62085,	0.
3211,	61.3850517,	594.264038,	0.

3212,	61.3850517,	588.907288,	0.
3213,	61.3850517,	583.550476,	0.
3214,	61.3850517,	578.193726,	0.
3215,	61.3850517,	572.836914,	0.
3216,	61.3850517,	567.480103,	0.
3217,	66.4919434,	642.475159,	0.
3218,	66.4919434,	637.118408,	0.
3219,	66.4919434,	631.761597,	0.
3220,	66.4919434,	626.404785,	0.
3221,	66.4919434,	621.048035,	0.
3222,	66.4919434,	615.691223,	0.
3223,	66.4919434,	610.334412,	0.
3224,	66.4919434,	604.977661,	0.
3225,	66.4919434,	599.62085,	0.
3226,	66.4919434,	594.264038,	0.
3227,	66.4919434,	588.907288,	0.
3228,	66.4919434,	583.550476,	0.
3229,	66.4919434,	578.193726,	0.
3230,	66.4919434,	572.836914,	0.
3231,	66.4919434,	567.480103,	0.
3232,	71.5988312,	642.475159,	0.
3233,	71.5988312,	637.118408,	0.
3234,	71.5988312,	631.761597,	0.
3235,	71.5988312,	626.404785,	0.
3236,	71.5988312,	621.048035,	0.
3237,	71.5988312,	615.691223,	0.
3238,	71.5988312,	610.334412,	0.
3239,	71.5988312,	604.977661,	0.
3240,	71.5988312,	599.62085,	0.
3241,	71.5988312,	594.264038,	0.
3242,	71.5988312,	588.907288,	0.
3243,	71.5988312,	583.550476,	0.
3244,	71.5988312,	578.193726,	0.
3245,	71.5988312,	572.836914,	0.
3246,	71.5988312,	567.480103,	0.
3247,	76.705719,	642.475159,	0.
3248,	76.705719,	637.118408,	0.
3249,	76.705719,	631.761597,	0.
3250,	76.705719,	626.404785,	0.
3251,	76.705719,	621.048035,	0.
3252,	76.705719,	615.691223,	0.
3253,	76.705719,	610.334412,	0.
3254,	76.705719,	604.977661,	0.
3255,	76.705719,	599.62085,	0.
3256,	76.705719,	594.264038,	0.
3257,	76.705719,	588.907288,	0.

3258,	76.705719,	583.550476,	0.
3259,	76.705719,	578.193726,	0.
3260,	76.705719,	572.836914,	0.
3261,	76.705719,	567.480103,	0.
3262,	56.2781639,	481.167328,	0.
3263,	56.2781639,	486.564423,	0.
3264,	56.2781639,	491.961487,	0.
3265,	56.2781639,	497.358551,	0.
3266,	56.2781639,	502.755615,	0.
3267,	56.2781639,	508.152679,	0.
3268,	56.2781639,	513.549744,	0.
3269,	56.2781639,	518.946777,	0.
3270,	56.2781639,	524.343872,	0.
3271,	56.2781639,	529.740967,	0.
3272,	56.2781639,	535.138,	0.
3273,	56.2781639,	540.535095,	0.
3274,	56.2781639,	545.932129,	0.
3275,	56.2781639,	551.329224,	0.
3276,	56.2781639,	556.726257,	0.
3277,	51.1712761,	481.167328,	0.
3278,	51.1712761,	486.564423,	0.
3279,	51.1712761,	491.961487,	0.
3280,	51.1712761,	497.358551,	0.
3281,	51.1712761,	502.755615,	0.
3282,	51.1712761,	508.152679,	0.
3283,	51.1712761,	513.549744,	0.
3284,	51.1712761,	518.946777,	0.
3285,	51.1712761,	524.343872,	0.
3286,	51.1712761,	529.740967,	0.
3287,	51.1712761,	535.138,	0.
3288,	51.1712761,	540.535095,	0.
3289,	51.1712761,	545.932129,	0.
3290,	51.1712761,	551.329224,	0.
3291,	51.1712761,	556.726257,	0.
3292,	46.0643883,	481.167328,	0.
3293,	46.0643883,	486.564423,	0.
3294,	46.0643883,	491.961487,	0.
3295,	46.0643883,	497.358551,	0.
3296,	46.0643883,	502.755615,	0.
3297,	46.0643883,	508.152679,	0.
3298,	46.0643883,	513.549744,	0.
3299,	46.0643883,	518.946777,	0.
3300,	46.0643883,	524.343872,	0.
3301,	46.0643883,	529.740967,	0.
3302,	46.0643883,	535.138,	0.
3303,	46.0643883,	540.535095,	0.

3304,	46.0643883,	545.932129,	0.
3305,	46.0643883,	551.329224,	0.
3306,	46.0643883,	556.726257,	0.
3307,	46.0643883,	470.373199,	0.
3308,	46.0643883,	464.976135,	0.
3309,	46.0643883,	459.579071,	0.
3310,	46.0643883,	454.182007,	0.
3311,	46.0643883,	448.784943,	0.
3312,	46.0643883,	443.387878,	0.
3313,	46.0643883,	437.990814,	0.
3314,	51.1712761,	470.373199,	0.
3315,	51.1712761,	464.976135,	0.
3316,	51.1712761,	459.579071,	0.
3317,	51.1712761,	454.182007,	0.
3318,	51.1712761,	448.784943,	0.
3319,	51.1712761,	443.387878,	0.
3320,	51.1712761,	437.990814,	0.
3321,	56.2781639,	470.373199,	0.
3322,	56.2781639,	464.976135,	0.
3323,	56.2781639,	459.579071,	0.
3324,	56.2781639,	454.182007,	0.
3325,	56.2781639,	448.784943,	0.
3326,	56.2781639,	443.387878,	0.
3327,	56.2781639,	437.990814,	0.
3328,	61.3850517,	470.373199,	0.
3329,	61.3850517,	464.976135,	0.
3330,	61.3850517,	459.579071,	0.
3331,	61.3850517,	454.182007,	0.
3332,	61.3850517,	448.784943,	0.
3333,	61.3850517,	443.387878,	0.
3334,	61.3850517,	437.990814,	0.
3335,	66.4919434,	470.373199,	0.
3336,	66.4919434,	464.976135,	0.
3337,	66.4919434,	459.579071,	0.
3338,	66.4919434,	454.182007,	0.
3339,	66.4919434,	448.784943,	0.
3340,	66.4919434,	443.387878,	0.
3341,	66.4919434,	437.990814,	0.
3342,	71.5988312,	470.373199,	0.
3343,	71.5988312,	464.976135,	0.
3344,	71.5988312,	459.579071,	0.
3345,	71.5988312,	454.182007,	0.
3346,	71.5988312,	448.784943,	0.
3347,	71.5988312,	443.387878,	0.
3348,	71.5988312,	437.990814,	0.
3349,	76.705719,	470.373199,	0.

3350,	76.705719,	464.976135,	0.
3351,	76.705719,	459.579071,	0.
3352,	76.705719,	454.182007,	0.
3353,	76.705719,	448.784943,	0.
3354,	76.705719,	443.387878,	0.
3355,	76.705719,	437.990814,	0.
3356,	46.0643883,	427.196686,	0.
3357,	46.0643883,	421.799622,	0.
3358,	46.0643883,	416.402557,	0.
3359,	46.0643883,	411.005493,	0.
3360,	46.0643883,	405.608429,	0.
3361,	46.0643883,	400.211365,	0.
3362,	46.0643883,	394.814301,	0.
3363,	51.1712761,	427.196686,	0.
3364,	51.1712761,	421.799622,	0.
3365,	51.1712761,	416.402557,	0.
3366,	51.1712761,	411.005493,	0.
3367,	51.1712761,	405.608429,	0.
3368,	51.1712761,	400.211365,	0.
3369,	51.1712761,	394.814301,	0.
3370,	56.2781639,	427.196686,	0.
3371,	56.2781639,	421.799622,	0.
3372,	56.2781639,	416.402557,	0.
3373,	56.2781639,	411.005493,	0.
3374,	56.2781639,	405.608429,	0.
3375,	56.2781639,	400.211365,	0.
3376,	56.2781639,	394.814301,	0.
3377,	61.3850517,	427.196686,	0.
3378,	61.3850517,	421.799622,	0.
3379,	61.3850517,	416.402557,	0.
3380,	61.3850517,	411.005493,	0.
3381,	61.3850517,	405.608429,	0.
3382,	61.3850517,	400.211365,	0.
3383,	61.3850517,	394.814301,	0.
3384,	66.4919434,	427.196686,	0.
3385,	66.4919434,	421.799622,	0.
3386,	66.4919434,	416.402557,	0.
3387,	66.4919434,	411.005493,	0.
3388,	66.4919434,	405.608429,	0.
3389,	66.4919434,	400.211365,	0.
3390,	66.4919434,	394.814301,	0.
3391,	71.5988312,	427.196686,	0.
3392,	71.5988312,	421.799622,	0.
3393,	71.5988312,	416.402557,	0.
3394,	71.5988312,	411.005493,	0.
3395,	71.5988312,	405.608429,	0.

3396,	71.5988312,	400.211365,	0.
3397,	71.5988312,	394.814301,	0.
3398,	76.705719,	427.196686,	0.
3399,	76.705719,	421.799622,	0.
3400,	76.705719,	416.402557,	0.
3401,	76.705719,	411.005493,	0.
3402,	76.705719,	405.608429,	0.
3403,	76.705719,	400.211365,	0.
3404,	76.705719,	394.814301,	0.
3405,	56.2781639,	308.461243,	0.
3406,	56.2781639,	313.858307,	0.
3407,	56.2781639,	319.255371,	0.
3408,	56.2781639,	324.652435,	0.
3409,	56.2781639,	330.0495,	0.
3410,	56.2781639,	335.446564,	0.
3411,	56.2781639,	340.843628,	0.
3412,	56.2781639,	346.240692,	0.
3413,	56.2781639,	351.637756,	0.
3414,	56.2781639,	357.034821,	0.
3415,	56.2781639,	362.431885,	0.
3416,	56.2781639,	367.828949,	0.
3417,	56.2781639,	373.226013,	0.
3418,	56.2781639,	378.623077,	0.
3419,	56.2781639,	384.020172,	0.
3420,	51.1712761,	308.461243,	0.
3421,	51.1712761,	313.858307,	0.
3422,	51.1712761,	319.255371,	0.
3423,	51.1712761,	324.652435,	0.
3424,	51.1712761,	330.0495,	0.
3425,	51.1712761,	335.446564,	0.
3426,	51.1712761,	340.843628,	0.
3427,	51.1712761,	346.240692,	0.
3428,	51.1712761,	351.637756,	0.
3429,	51.1712761,	357.034821,	0.
3430,	51.1712761,	362.431885,	0.
3431,	51.1712761,	367.828949,	0.
3432,	51.1712761,	373.226013,	0.
3433,	51.1712761,	378.623077,	0.
3434,	51.1712761,	384.020172,	0.
3435,	46.0643883,	308.461243,	0.
3436,	46.0643883,	313.858307,	0.
3437,	46.0643883,	319.255371,	0.
3438,	46.0643883,	324.652435,	0.
3439,	46.0643883,	330.0495,	0.
3440,	46.0643883,	335.446564,	0.
3441,	46.0643883,	340.843628,	0.

3442,	46.0643883,	346.240692,	0.
3443,	46.0643883,	351.637756,	0.
3444,	46.0643883,	357.034821,	0.
3445,	46.0643883,	362.431885,	0.
3446,	46.0643883,	367.828949,	0.
3447,	46.0643883,	373.226013,	0.
3448,	46.0643883,	378.623077,	0.
3449,	46.0643883,	384.020172,	0.
3450,	46.0643883,	297.707367,	0.
3451,	46.0643883,	292.350586,	0.
3452,	46.0643883,	286.993805,	0.
3453,	46.0643883,	281.637024,	0.
3454,	46.0643883,	276.280212,	0.
3455,	46.0643883,	270.923431,	0.
3456,	46.0643883,	265.56665,	0.
3457,	46.0643883,	260.209839,	0.
3458,	46.0643883,	254.853058,	0.
3459,	46.0643883,	249.496277,	0.
3460,	46.0643883,	244.139481,	0.
3461,	46.0643883,	238.7827,	0.
3462,	46.0643883,	233.425903,	0.
3463,	46.0643883,	228.069122,	0.
3464,	46.0643883,	222.712326,	0.
3465,	51.1712761,	297.707367,	0.
3466,	51.1712761,	292.350586,	0.
3467,	51.1712761,	286.993805,	0.
3468,	51.1712761,	281.637024,	0.
3469,	51.1712761,	276.280212,	0.
3470,	51.1712761,	270.923431,	0.
3471,	51.1712761,	265.56665,	0.
3472,	51.1712761,	260.209839,	0.
3473,	51.1712761,	254.853058,	0.
3474,	51.1712761,	249.496277,	0.
3475,	51.1712761,	244.139481,	0.
3476,	51.1712761,	238.7827,	0.
3477,	51.1712761,	233.425903,	0.
3478,	51.1712761,	228.069122,	0.
3479,	51.1712761,	222.712326,	0.
3480,	56.2781639,	297.707367,	0.
3481,	56.2781639,	292.350586,	0.
3482,	56.2781639,	286.993805,	0.
3483,	56.2781639,	281.637024,	0.
3484,	56.2781639,	276.280212,	0.
3485,	56.2781639,	270.923431,	0.
3486,	56.2781639,	265.56665,	0.
3487,	56.2781639,	260.209839,	0.

3488,	56.2781639,	254.853058,	0.
3489,	56.2781639,	249.496277,	0.
3490,	56.2781639,	244.139481,	0.
3491,	56.2781639,	238.7827,	0.
3492,	56.2781639,	233.425903,	0.
3493,	56.2781639,	228.069122,	0.
3494,	56.2781639,	222.712326,	0.
3495,	61.3850517,	297.707367,	0.
3496,	61.3850517,	292.350586,	0.
3497,	61.3850517,	286.993805,	0.
3498,	61.3850517,	281.637024,	0.
3499,	61.3850517,	276.280212,	0.
3500,	61.3850517,	270.923431,	0.
3501,	61.3850517,	265.56665,	0.
3502,	61.3850517,	260.209839,	0.
3503,	61.3850517,	254.853058,	0.
3504,	61.3850517,	249.496277,	0.
3505,	61.3850517,	244.139481,	0.
3506,	61.3850517,	238.7827,	0.
3507,	61.3850517,	233.425903,	0.
3508,	61.3850517,	228.069122,	0.
3509,	61.3850517,	222.712326,	0.
3510,	66.4919434,	297.707367,	0.
3511,	66.4919434,	292.350586,	0.
3512,	66.4919434,	286.993805,	0.
3513,	66.4919434,	281.637024,	0.
3514,	66.4919434,	276.280212,	0.
3515,	66.4919434,	270.923431,	0.
3516,	66.4919434,	265.56665,	0.
3517,	66.4919434,	260.209839,	0.
3518,	66.4919434,	254.853058,	0.
3519,	66.4919434,	249.496277,	0.
3520,	66.4919434,	244.139481,	0.
3521,	66.4919434,	238.7827,	0.
3522,	66.4919434,	233.425903,	0.
3523,	66.4919434,	228.069122,	0.
3524,	66.4919434,	222.712326,	0.
3525,	71.5988312,	297.707367,	0.
3526,	71.5988312,	292.350586,	0.
3527,	71.5988312,	286.993805,	0.
3528,	71.5988312,	281.637024,	0.
3529,	71.5988312,	276.280212,	0.
3530,	71.5988312,	270.923431,	0.
3531,	71.5988312,	265.56665,	0.
3532,	71.5988312,	260.209839,	0.
3533,	71.5988312,	254.853058,	0.

3534,	71.5988312,	249.496277,	0.
3535,	71.5988312,	244.139481,	0.
3536,	71.5988312,	238.7827,	0.
3537,	71.5988312,	233.425903,	0.
3538,	71.5988312,	228.069122,	0.
3539,	71.5988312,	222.712326,	0.
3540,	76.705719,	297.707367,	0.
3541,	76.705719,	292.350586,	0.
3542,	76.705719,	286.993805,	0.
3543,	76.705719,	281.637024,	0.
3544,	76.705719,	276.280212,	0.
3545,	76.705719,	270.923431,	0.
3546,	76.705719,	265.56665,	0.
3547,	76.705719,	260.209839,	0.
3548,	76.705719,	254.853058,	0.
3549,	76.705719,	249.496277,	0.
3550,	76.705719,	244.139481,	0.
3551,	76.705719,	238.7827,	0.
3552,	76.705719,	233.425903,	0.
3553,	76.705719,	228.069122,	0.
3554,	76.705719,	222.712326,	0.
3555,	56.2781639,	137.205078,	0.
3556,	56.2781639,	142.548447,	0.
3557,	56.2781639,	147.891815,	0.
3558,	56.2781639,	153.235168,	0.
3559,	56.2781639,	158.578537,	0.
3560,	56.2781639,	163.921906,	0.
3561,	56.2781639,	169.265259,	0.
3562,	56.2781639,	174.608627,	0.
3563,	56.2781639,	179.951996,	0.
3564,	56.2781639,	185.295349,	0.
3565,	56.2781639,	190.638718,	0.
3566,	56.2781639,	195.982086,	0.
3567,	56.2781639,	201.325455,	0.
3568,	56.2781639,	206.668808,	0.
3569,	56.2781639,	212.012177,	0.
3570,	51.1712761,	137.205078,	0.
3571,	51.1712761,	142.548447,	0.
3572,	51.1712761,	147.891815,	0.
3573,	51.1712761,	153.235168,	0.
3574,	51.1712761,	158.578537,	0.
3575,	51.1712761,	163.921906,	0.
3576,	51.1712761,	169.265259,	0.
3577,	51.1712761,	174.608627,	0.
3578,	51.1712761,	179.951996,	0.
3579,	51.1712761,	185.295349,	0.

3580,	51.1712761,	190.638718,	0.
3581,	51.1712761,	195.982086,	0.
3582,	51.1712761,	201.325455,	0.
3583,	51.1712761,	206.668808,	0.
3584,	51.1712761,	212.012177,	0.
3585,	46.0643883,	137.205078,	0.
3586,	46.0643883,	142.548447,	0.
3587,	46.0643883,	147.891815,	0.
3588,	46.0643883,	153.235168,	0.
3589,	46.0643883,	158.578537,	0.
3590,	46.0643883,	163.921906,	0.
3591,	46.0643883,	169.265259,	0.
3592,	46.0643883,	174.608627,	0.
3593,	46.0643883,	179.951996,	0.
3594,	46.0643883,	185.295349,	0.
3595,	46.0643883,	190.638718,	0.
3596,	46.0643883,	195.982086,	0.
3597,	46.0643883,	201.325455,	0.
3598,	46.0643883,	206.668808,	0.
3599,	46.0643883,	212.012177,	0.
3600,	46.0643883,	126.491501,	0.
3601,	46.0643883,	121.121292,	0.
3602,	46.0643883,	115.751076,	0.
3603,	46.0643883,	110.380859,	0.
3604,	46.0643883,	105.010643,	0.
3605,	46.0643883,	99.6404266,	0.
3606,	46.0643883,	94.2702179,	0.
3607,	51.1712761,	126.491501,	0.
3608,	51.1712761,	121.121292,	0.
3609,	51.1712761,	115.751076,	0.
3610,	51.1712761,	110.380859,	0.
3611,	51.1712761,	105.010643,	0.
3612,	51.1712761,	99.6404266,	0.
3613,	51.1712761,	94.2702179,	0.
3614,	56.2781639,	126.491501,	0.
3615,	56.2781639,	121.121292,	0.
3616,	56.2781639,	115.751076,	0.
3617,	56.2781639,	110.380859,	0.
3618,	56.2781639,	105.010643,	0.
3619,	56.2781639,	99.6404266,	0.
3620,	56.2781639,	94.2702179,	0.
3621,	61.3850517,	126.491501,	0.
3622,	61.3850517,	121.121292,	0.
3623,	61.3850517,	115.751076,	0.
3624,	61.3850517,	110.380859,	0.
3625,	61.3850517,	105.010643,	0.

3626,	61.3850517,	99.6404266,	0.
3627,	61.3850517,	94.2702179,	0.
3628,	66.4919434,	126.491501,	0.
3629,	66.4919434,	121.121292,	0.
3630,	66.4919434,	115.751076,	0.
3631,	66.4919434,	110.380859,	0.
3632,	66.4919434,	105.010643,	0.
3633,	66.4919434,	99.6404266,	0.
3634,	66.4919434,	94.2702179,	0.
3635,	71.5988312,	126.491501,	0.
3636,	71.5988312,	121.121292,	0.
3637,	71.5988312,	115.751076,	0.
3638,	71.5988312,	110.380859,	0.
3639,	71.5988312,	105.010643,	0.
3640,	71.5988312,	99.6404266,	0.
3641,	71.5988312,	94.2702179,	0.
3642,	76.705719,	126.491501,	0.
3643,	76.705719,	121.121292,	0.
3644,	76.705719,	115.751076,	0.
3645,	76.705719,	110.380859,	0.
3646,	76.705719,	105.010643,	0.
3647,	76.705719,	99.6404266,	0.
3648,	76.705719,	94.2702179,	0.
3649,	46.0547905,	82.5500031,	0.
3650,	46.0451889,	76.1999969,	0.
3651,	46.0355911,	69.8499985,	0.
3652,	51.1520767,	82.5500031,	0.
3653,	51.1328773,	76.1999969,	0.
3654,	51.1136818,	69.8499985,	0.
3655,	56.2493668,	82.5500031,	0.
3656,	56.2205696,	76.1999969,	0.
3657,	56.1917686,	69.8499985,	0.
3658,	61.3466568,	82.5500031,	0.
3659,	61.3082581,	76.1999969,	0.
3660,	61.2698593,	69.8499985,	0.
3661,	66.4631424,	82.5500031,	0.
3662,	66.4343414,	76.1999969,	0.
3663,	66.4055481,	69.8499985,	0.
3664,	71.579628,	82.5500031,	0.
3665,	71.5604324,	76.1999969,	0.
3666,	71.5412369,	69.8499985,	0.
3667,	76.6961212,	82.5500031,	0.
3668,	76.6865158,	76.1999969,	0.
3669,	76.676918,	69.8499985,	0.
3670,	35.8378143,	69.8499985,	0.
3671,	35.8378143,	76.1999969,	0.

3672,	35.8378143,	82.5500031,	0.
3673,	30.7181244,	69.8499985,	0.
3674,	30.7181244,	76.1999969,	0.
3675,	30.7181244,	82.5500031,	0.
3676,	25.5984383,	69.8499985,	0.
3677,	25.5984383,	76.1999969,	0.
3678,	25.5984383,	82.5500031,	0.
3679,	20.4787502,	69.8499985,	0.
3680,	20.4787502,	76.1999969,	0.
3681,	20.4787502,	82.5500031,	0.
3682,	15.3590622,	69.8499985,	0.
3683,	15.3590622,	76.1999969,	0.
3684,	15.3590622,	82.5500031,	0.
3685,	10.2393751,	69.8499985,	0.
3686,	10.2393751,	76.1999969,	0.
3687,	10.2393751,	82.5500031,	0.
3688,	5.11968756,	69.8499985,	0.
3689,	5.11968756,	76.1999969,	0.
3690,	5.11968756,	82.5500031,	0.
3691,	35.8378143,	94.2702179,	0.
3692,	35.8378143,	99.6404266,	0.
3693,	35.8378143,	105.010643,	0.
3694,	35.8378143,	110.380859,	0.
3695,	35.8378143,	115.751076,	0.
3696,	35.8378143,	121.121292,	0.
3697,	35.8378143,	126.491501,	0.
3698,	30.7181244,	94.2702179,	0.
3699,	30.7181244,	99.6404266,	0.
3700,	30.7181244,	105.010643,	0.
3701,	30.7181244,	110.380859,	0.
3702,	30.7181244,	115.751076,	0.
3703,	30.7181244,	121.121292,	0.
3704,	30.7181244,	126.491501,	0.
3705,	25.5984383,	94.2702179,	0.
3706,	25.5984383,	99.6404266,	0.
3707,	25.5984383,	105.010643,	0.
3708,	25.5984383,	110.380859,	0.
3709,	25.5984383,	115.751076,	0.
3710,	25.5984383,	121.121292,	0.
3711,	25.5984383,	126.491501,	0.
3712,	20.4787502,	94.2702179,	0.
3713,	20.4787502,	99.6404266,	0.
3714,	20.4787502,	105.010643,	0.
3715,	20.4787502,	110.380859,	0.
3716,	20.4787502,	115.751076,	0.
3717,	20.4787502,	121.121292,	0.

3718,	20.4787502,	126.491501,	0.
3719,	15.3590622,	94.2702179,	0.
3720,	15.3590622,	99.6404266,	0.
3721,	15.3590622,	105.010643,	0.
3722,	15.3590622,	110.380859,	0.
3723,	15.3590622,	115.751076,	0.
3724,	15.3590622,	121.121292,	0.
3725,	15.3590622,	126.491501,	0.
3726,	10.2393751,	94.2702179,	0.
3727,	10.2393751,	99.6404266,	0.
3728,	10.2393751,	105.010643,	0.
3729,	10.2393751,	110.380859,	0.
3730,	10.2393751,	115.751076,	0.
3731,	10.2393751,	121.121292,	0.
3732,	10.2393751,	126.491501,	0.
3733,	5.11968756,	94.2702179,	0.
3734,	5.11968756,	99.6404266,	0.
3735,	5.11968756,	105.010643,	0.
3736,	5.11968756,	110.380859,	0.
3737,	5.11968756,	115.751076,	0.
3738,	5.11968756,	121.121292,	0.
3739,	5.11968756,	126.491501,	0.
3740,	35.8378143,	137.205078,	0.
3741,	35.8378143,	142.548447,	0.
3742,	35.8378143,	147.891815,	0.
3743,	35.8378143,	153.235168,	0.
3744,	35.8378143,	158.578537,	0.
3745,	35.8378143,	163.921906,	0.
3746,	35.8378143,	169.265259,	0.
3747,	35.8378143,	174.608627,	0.
3748,	35.8378143,	179.951996,	0.
3749,	35.8378143,	185.295349,	0.
3750,	35.8378143,	190.638718,	0.
3751,	35.8378143,	195.982086,	0.
3752,	35.8378143,	201.325455,	0.
3753,	35.8378143,	206.668808,	0.
3754,	35.8378143,	212.012177,	0.
3755,	30.7181244,	137.205078,	0.
3756,	30.7181244,	142.548447,	0.
3757,	30.7181244,	147.891815,	0.
3758,	30.7181244,	153.235168,	0.
3759,	30.7181244,	158.578537,	0.
3760,	30.7181244,	163.921906,	0.
3761,	30.7181244,	169.265259,	0.
3762,	30.7181244,	174.608627,	0.
3763,	30.7181244,	179.951996,	0.

3764,	30.7181244,	185.295349,	0.
3765,	30.7181244,	190.638718,	0.
3766,	30.7181244,	195.982086,	0.
3767,	30.7181244,	201.325455,	0.
3768,	30.7181244,	206.668808,	0.
3769,	30.7181244,	212.012177,	0.
3770,	25.5984383,	137.205078,	0.
3771,	25.5984383,	142.548447,	0.
3772,	25.5984383,	147.891815,	0.
3773,	25.5984383,	153.235168,	0.
3774,	25.5984383,	158.578537,	0.
3775,	25.5984383,	163.921906,	0.
3776,	25.5984383,	169.265259,	0.
3777,	25.5984383,	174.608627,	0.
3778,	25.5984383,	179.951996,	0.
3779,	25.5984383,	185.295349,	0.
3780,	25.5984383,	190.638718,	0.
3781,	25.5984383,	195.982086,	0.
3782,	25.5984383,	201.325455,	0.
3783,	25.5984383,	206.668808,	0.
3784,	25.5984383,	212.012177,	0.
3785,	20.4787502,	137.205078,	0.
3786,	20.4787502,	142.548447,	0.
3787,	20.4787502,	147.891815,	0.
3788,	20.4787502,	153.235168,	0.
3789,	20.4787502,	158.578537,	0.
3790,	20.4787502,	163.921906,	0.
3791,	20.4787502,	169.265259,	0.
3792,	20.4787502,	174.608627,	0.
3793,	20.4787502,	179.951996,	0.
3794,	20.4787502,	185.295349,	0.
3795,	20.4787502,	190.638718,	0.
3796,	20.4787502,	195.982086,	0.
3797,	20.4787502,	201.325455,	0.
3798,	20.4787502,	206.668808,	0.
3799,	20.4787502,	212.012177,	0.
3800,	15.3590622,	137.205078,	0.
3801,	15.3590622,	142.548447,	0.
3802,	15.3590622,	147.891815,	0.
3803,	15.3590622,	153.235168,	0.
3804,	15.3590622,	158.578537,	0.
3805,	15.3590622,	163.921906,	0.
3806,	15.3590622,	169.265259,	0.
3807,	15.3590622,	174.608627,	0.
3808,	15.3590622,	179.951996,	0.
3809,	15.3590622,	185.295349,	0.

3810,	15.3590622,	190.638718,	0.
3811,	15.3590622,	195.982086,	0.
3812,	15.3590622,	201.325455,	0.
3813,	15.3590622,	206.668808,	0.
3814,	15.3590622,	212.012177,	0.
3815,	10.2393751,	137.205078,	0.
3816,	10.2393751,	142.548447,	0.
3817,	10.2393751,	147.891815,	0.
3818,	10.2393751,	153.235168,	0.
3819,	10.2393751,	158.578537,	0.
3820,	10.2393751,	163.921906,	0.
3821,	10.2393751,	169.265259,	0.
3822,	10.2393751,	174.608627,	0.
3823,	10.2393751,	179.951996,	0.
3824,	10.2393751,	185.295349,	0.
3825,	10.2393751,	190.638718,	0.
3826,	10.2393751,	195.982086,	0.
3827,	10.2393751,	201.325455,	0.
3828,	10.2393751,	206.668808,	0.
3829,	10.2393751,	212.012177,	0.
3830,	5.11968756,	137.205078,	0.
3831,	5.11968756,	142.548447,	0.
3832,	5.11968756,	147.891815,	0.
3833,	5.11968756,	153.235168,	0.
3834,	5.11968756,	158.578537,	0.
3835,	5.11968756,	163.921906,	0.
3836,	5.11968756,	169.265259,	0.
3837,	5.11968756,	174.608627,	0.
3838,	5.11968756,	179.951996,	0.
3839,	5.11968756,	185.295349,	0.
3840,	5.11968756,	190.638718,	0.
3841,	5.11968756,	195.982086,	0.
3842,	5.11968756,	201.325455,	0.
3843,	5.11968756,	206.668808,	0.
3844,	5.11968756,	212.012177,	0.
3845,	35.8378143,	222.712326,	0.
3846,	35.8378143,	228.069122,	0.
3847,	35.8378143,	233.425903,	0.
3848,	35.8378143,	238.7827,	0.
3849,	35.8378143,	244.139481,	0.
3850,	35.8378143,	249.496277,	0.
3851,	35.8378143,	254.853058,	0.
3852,	35.8378143,	260.209839,	0.
3853,	35.8378143,	265.56665,	0.
3854,	35.8378143,	270.923431,	0.
3855,	35.8378143,	276.280212,	0.

3856,	35.8378143,	281.637024,	0.
3857,	35.8378143,	286.993805,	0.
3858,	35.8378143,	292.350586,	0.
3859,	35.8378143,	297.707367,	0.
3860,	30.7181244,	222.712326,	0.
3861,	30.7181244,	228.069122,	0.
3862,	30.7181244,	233.425903,	0.
3863,	30.7181244,	238.7827,	0.
3864,	30.7181244,	244.139481,	0.
3865,	30.7181244,	249.496277,	0.
3866,	30.7181244,	254.853058,	0.
3867,	30.7181244,	260.209839,	0.
3868,	30.7181244,	265.56665,	0.
3869,	30.7181244,	270.923431,	0.
3870,	30.7181244,	276.280212,	0.
3871,	30.7181244,	281.637024,	0.
3872,	30.7181244,	286.993805,	0.
3873,	30.7181244,	292.350586,	0.
3874,	30.7181244,	297.707367,	0.
3875,	25.5984383,	222.712326,	0.
3876,	25.5984383,	228.069122,	0.
3877,	25.5984383,	233.425903,	0.
3878,	25.5984383,	238.7827,	0.
3879,	25.5984383,	244.139481,	0.
3880,	25.5984383,	249.496277,	0.
3881,	25.5984383,	254.853058,	0.
3882,	25.5984383,	260.209839,	0.
3883,	25.5984383,	265.56665,	0.
3884,	25.5984383,	270.923431,	0.
3885,	25.5984383,	276.280212,	0.
3886,	25.5984383,	281.637024,	0.
3887,	25.5984383,	286.993805,	0.
3888,	25.5984383,	292.350586,	0.
3889,	25.5984383,	297.707367,	0.
3890,	20.4787502,	222.712326,	0.
3891,	20.4787502,	228.069122,	0.
3892,	20.4787502,	233.425903,	0.
3893,	20.4787502,	238.7827,	0.
3894,	20.4787502,	244.139481,	0.
3895,	20.4787502,	249.496277,	0.
3896,	20.4787502,	254.853058,	0.
3897,	20.4787502,	260.209839,	0.
3898,	20.4787502,	265.56665,	0.
3899,	20.4787502,	270.923431,	0.
3900,	20.4787502,	276.280212,	0.
3901,	20.4787502,	281.637024,	0.

3902,	20.4787502,	286.993805,	0.
3903,	20.4787502,	292.350586,	0.
3904,	20.4787502,	297.707367,	0.
3905,	15.3590622,	222.712326,	0.
3906,	15.3590622,	228.069122,	0.
3907,	15.3590622,	233.425903,	0.
3908,	15.3590622,	238.7827,	0.
3909,	15.3590622,	244.139481,	0.
3910,	15.3590622,	249.496277,	0.
3911,	15.3590622,	254.853058,	0.
3912,	15.3590622,	260.209839,	0.
3913,	15.3590622,	265.56665,	0.
3914,	15.3590622,	270.923431,	0.
3915,	15.3590622,	276.280212,	0.
3916,	15.3590622,	281.637024,	0.
3917,	15.3590622,	286.993805,	0.
3918,	15.3590622,	292.350586,	0.
3919,	15.3590622,	297.707367,	0.
3920,	10.2393751,	222.712326,	0.
3921,	10.2393751,	228.069122,	0.
3922,	10.2393751,	233.425903,	0.
3923,	10.2393751,	238.7827,	0.
3924,	10.2393751,	244.139481,	0.
3925,	10.2393751,	249.496277,	0.
3926,	10.2393751,	254.853058,	0.
3927,	10.2393751,	260.209839,	0.
3928,	10.2393751,	265.56665,	0.
3929,	10.2393751,	270.923431,	0.
3930,	10.2393751,	276.280212,	0.
3931,	10.2393751,	281.637024,	0.
3932,	10.2393751,	286.993805,	0.
3933,	10.2393751,	292.350586,	0.
3934,	10.2393751,	297.707367,	0.
3935,	5.11968756,	222.712326,	0.
3936,	5.11968756,	228.069122,	0.
3937,	5.11968756,	233.425903,	0.
3938,	5.11968756,	238.7827,	0.
3939,	5.11968756,	244.139481,	0.
3940,	5.11968756,	249.496277,	0.
3941,	5.11968756,	254.853058,	0.
3942,	5.11968756,	260.209839,	0.
3943,	5.11968756,	265.56665,	0.
3944,	5.11968756,	270.923431,	0.
3945,	5.11968756,	276.280212,	0.
3946,	5.11968756,	281.637024,	0.
3947,	5.11968756,	286.993805,	0.

3948,	5.11968756,	292.350586,	0.
3949,	5.11968756,	297.707367,	0.
3950,	35.8378143,	308.461243,	0.
3951,	35.8378143,	313.858307,	0.
3952,	35.8378143,	319.255371,	0.
3953,	35.8378143,	324.652435,	0.
3954,	35.8378143,	330.0495,	0.
3955,	35.8378143,	335.446564,	0.
3956,	35.8378143,	340.843628,	0.
3957,	35.8378143,	346.240692,	0.
3958,	35.8378143,	351.637756,	0.
3959,	35.8378143,	357.034821,	0.
3960,	35.8378143,	362.431885,	0.
3961,	35.8378143,	367.828949,	0.
3962,	35.8378143,	373.226013,	0.
3963,	35.8378143,	378.623077,	0.
3964,	35.8378143,	384.020172,	0.
3965,	30.7181244,	308.461243,	0.
3966,	30.7181244,	313.858307,	0.
3967,	30.7181244,	319.255371,	0.
3968,	30.7181244,	324.652435,	0.
3969,	30.7181244,	330.0495,	0.
3970,	30.7181244,	335.446564,	0.
3971,	30.7181244,	340.843628,	0.
3972,	30.7181244,	346.240692,	0.
3973,	30.7181244,	351.637756,	0.
3974,	30.7181244,	357.034821,	0.
3975,	30.7181244,	362.431885,	0.
3976,	30.7181244,	367.828949,	0.
3977,	30.7181244,	373.226013,	0.
3978,	30.7181244,	378.623077,	0.
3979,	30.7181244,	384.020172,	0.
3980,	25.5984383,	308.461243,	0.
3981,	25.5984383,	313.858307,	0.
3982,	25.5984383,	319.255371,	0.
3983,	25.5984383,	324.652435,	0.
3984,	25.5984383,	330.0495,	0.
3985,	25.5984383,	335.446564,	0.
3986,	25.5984383,	340.843628,	0.
3987,	25.5984383,	346.240692,	0.
3988,	25.5984383,	351.637756,	0.
3989,	25.5984383,	357.034821,	0.
3990,	25.5984383,	362.431885,	0.
3991,	25.5984383,	367.828949,	0.
3992,	25.5984383,	373.226013,	0.
3993,	25.5984383,	378.623077,	0.

3994,	25.5984383,	384.020172,	0.
3995,	20.4787502,	308.461243,	0.
3996,	20.4787502,	313.858307,	0.
3997,	20.4787502,	319.255371,	0.
3998,	20.4787502,	324.652435,	0.
3999,	20.4787502,	330.0495,	0.
4000,	20.4787502,	335.446564,	0.
4001,	20.4787502,	340.843628,	0.
4002,	20.4787502,	346.240692,	0.
4003,	20.4787502,	351.637756,	0.
4004,	20.4787502,	357.034821,	0.
4005,	20.4787502,	362.431885,	0.
4006,	20.4787502,	367.828949,	0.
4007,	20.4787502,	373.226013,	0.
4008,	20.4787502,	378.623077,	0.
4009,	20.4787502,	384.020172,	0.
4010,	15.3590622,	308.461243,	0.
4011,	15.3590622,	313.858307,	0.
4012,	15.3590622,	319.255371,	0.
4013,	15.3590622,	324.652435,	0.
4014,	15.3590622,	330.0495,	0.
4015,	15.3590622,	335.446564,	0.
4016,	15.3590622,	340.843628,	0.
4017,	15.3590622,	346.240692,	0.
4018,	15.3590622,	351.637756,	0.
4019,	15.3590622,	357.034821,	0.
4020,	15.3590622,	362.431885,	0.
4021,	15.3590622,	367.828949,	0.
4022,	15.3590622,	373.226013,	0.
4023,	15.3590622,	378.623077,	0.
4024,	15.3590622,	384.020172,	0.
4025,	10.2393751,	308.461243,	0.
4026,	10.2393751,	313.858307,	0.
4027,	10.2393751,	319.255371,	0.
4028,	10.2393751,	324.652435,	0.
4029,	10.2393751,	330.0495,	0.
4030,	10.2393751,	335.446564,	0.
4031,	10.2393751,	340.843628,	0.
4032,	10.2393751,	346.240692,	0.
4033,	10.2393751,	351.637756,	0.
4034,	10.2393751,	357.034821,	0.
4035,	10.2393751,	362.431885,	0.
4036,	10.2393751,	367.828949,	0.
4037,	10.2393751,	373.226013,	0.
4038,	10.2393751,	378.623077,	0.
4039,	10.2393751,	384.020172,	0.

4040,	5.11968756,	308.461243,	0.
4041,	5.11968756,	313.858307,	0.
4042,	5.11968756,	319.255371,	0.
4043,	5.11968756,	324.652435,	0.
4044,	5.11968756,	330.0495,	0.
4045,	5.11968756,	335.446564,	0.
4046,	5.11968756,	340.843628,	0.
4047,	5.11968756,	346.240692,	0.
4048,	5.11968756,	351.637756,	0.
4049,	5.11968756,	357.034821,	0.
4050,	5.11968756,	362.431885,	0.
4051,	5.11968756,	367.828949,	0.
4052,	5.11968756,	373.226013,	0.
4053,	5.11968756,	378.623077,	0.
4054,	5.11968756,	384.020172,	0.
4055,	35.8378143,	394.814301,	0.
4056,	35.8378143,	400.211365,	0.
4057,	35.8378143,	405.608429,	0.
4058,	35.8378143,	411.005493,	0.
4059,	35.8378143,	416.402557,	0.
4060,	35.8378143,	421.799622,	0.
4061,	35.8378143,	427.196686,	0.
4062,	30.7181244,	394.814301,	0.
4063,	30.7181244,	400.211365,	0.
4064,	30.7181244,	405.608429,	0.
4065,	30.7181244,	411.005493,	0.
4066,	30.7181244,	416.402557,	0.
4067,	30.7181244,	421.799622,	0.
4068,	30.7181244,	427.196686,	0.
4069,	25.5984383,	394.814301,	0.
4070,	25.5984383,	400.211365,	0.
4071,	25.5984383,	405.608429,	0.
4072,	25.5984383,	411.005493,	0.
4073,	25.5984383,	416.402557,	0.
4074,	25.5984383,	421.799622,	0.
4075,	25.5984383,	427.196686,	0.
4076,	20.4787502,	394.814301,	0.
4077,	20.4787502,	400.211365,	0.
4078,	20.4787502,	405.608429,	0.
4079,	20.4787502,	411.005493,	0.
4080,	20.4787502,	416.402557,	0.
4081,	20.4787502,	421.799622,	0.
4082,	20.4787502,	427.196686,	0.
4083,	15.3590622,	394.814301,	0.
4084,	15.3590622,	400.211365,	0.
4085,	15.3590622,	405.608429,	0.

4086,	15.3590622,	411.005493,	0.
4087,	15.3590622,	416.402557,	0.
4088,	15.3590622,	421.799622,	0.
4089,	15.3590622,	427.196686,	0.
4090,	10.2393751,	394.814301,	0.
4091,	10.2393751,	400.211365,	0.
4092,	10.2393751,	405.608429,	0.
4093,	10.2393751,	411.005493,	0.
4094,	10.2393751,	416.402557,	0.
4095,	10.2393751,	421.799622,	0.
4096,	10.2393751,	427.196686,	0.
4097,	5.11968756,	394.814301,	0.
4098,	5.11968756,	400.211365,	0.
4099,	5.11968756,	405.608429,	0.
4100,	5.11968756,	411.005493,	0.
4101,	5.11968756,	416.402557,	0.
4102,	5.11968756,	421.799622,	0.
4103,	5.11968756,	427.196686,	0.
4104,	35.8378143,	437.990814,	0.
4105,	35.8378143,	443.387878,	0.
4106,	35.8378143,	448.784943,	0.
4107,	35.8378143,	454.182007,	0.
4108,	35.8378143,	459.579071,	0.
4109,	35.8378143,	464.976135,	0.
4110,	35.8378143,	470.373199,	0.
4111,	30.7181244,	437.990814,	0.
4112,	30.7181244,	443.387878,	0.
4113,	30.7181244,	448.784943,	0.
4114,	30.7181244,	454.182007,	0.
4115,	30.7181244,	459.579071,	0.
4116,	30.7181244,	464.976135,	0.
4117,	30.7181244,	470.373199,	0.
4118,	25.5984383,	437.990814,	0.
4119,	25.5984383,	443.387878,	0.
4120,	25.5984383,	448.784943,	0.
4121,	25.5984383,	454.182007,	0.
4122,	25.5984383,	459.579071,	0.
4123,	25.5984383,	464.976135,	0.
4124,	25.5984383,	470.373199,	0.
4125,	20.4787502,	437.990814,	0.
4126,	20.4787502,	443.387878,	0.
4127,	20.4787502,	448.784943,	0.
4128,	20.4787502,	454.182007,	0.
4129,	20.4787502,	459.579071,	0.
4130,	20.4787502,	464.976135,	0.
4131,	20.4787502,	470.373199,	0.

4132,	15.3590622,	437.990814,	0.
4133,	15.3590622,	443.387878,	0.
4134,	15.3590622,	448.784943,	0.
4135,	15.3590622,	454.182007,	0.
4136,	15.3590622,	459.579071,	0.
4137,	15.3590622,	464.976135,	0.
4138,	15.3590622,	470.373199,	0.
4139,	10.2393751,	437.990814,	0.
4140,	10.2393751,	443.387878,	0.
4141,	10.2393751,	448.784943,	0.
4142,	10.2393751,	454.182007,	0.
4143,	10.2393751,	459.579071,	0.
4144,	10.2393751,	464.976135,	0.
4145,	10.2393751,	470.373199,	0.
4146,	5.11968756,	437.990814,	0.
4147,	5.11968756,	443.387878,	0.
4148,	5.11968756,	448.784943,	0.
4149,	5.11968756,	454.182007,	0.
4150,	5.11968756,	459.579071,	0.
4151,	5.11968756,	464.976135,	0.
4152,	5.11968756,	470.373199,	0.
4153,	35.8378143,	481.167328,	0.
4154,	35.8378143,	486.564423,	0.
4155,	35.8378143,	491.961487,	0.
4156,	35.8378143,	497.358551,	0.
4157,	35.8378143,	502.755615,	0.
4158,	35.8378143,	508.152679,	0.
4159,	35.8378143,	513.549744,	0.
4160,	35.8378143,	518.946777,	0.
4161,	35.8378143,	524.343872,	0.
4162,	35.8378143,	529.740967,	0.
4163,	35.8378143,	535.138,	0.
4164,	35.8378143,	540.535095,	0.
4165,	35.8378143,	545.932129,	0.
4166,	35.8378143,	551.329224,	0.
4167,	35.8378143,	556.726257,	0.
4168,	30.7181244,	481.167328,	0.
4169,	30.7181244,	486.564423,	0.
4170,	30.7181244,	491.961487,	0.
4171,	30.7181244,	497.358551,	0.
4172,	30.7181244,	502.755615,	0.
4173,	30.7181244,	508.152679,	0.
4174,	30.7181244,	513.549744,	0.
4175,	30.7181244,	518.946777,	0.
4176,	30.7181244,	524.343872,	0.
4177,	30.7181244,	529.740967,	0.

4178,	30.7181244,	535.138,	0.
4179,	30.7181244,	540.535095,	0.
4180,	30.7181244,	545.932129,	0.
4181,	30.7181244,	551.329224,	0.
4182,	30.7181244,	556.726257,	0.
4183,	25.5984383,	481.167328,	0.
4184,	25.5984383,	486.564423,	0.
4185,	25.5984383,	491.961487,	0.
4186,	25.5984383,	497.358551,	0.
4187,	25.5984383,	502.755615,	0.
4188,	25.5984383,	508.152679,	0.
4189,	25.5984383,	513.549744,	0.
4190,	25.5984383,	518.946777,	0.
4191,	25.5984383,	524.343872,	0.
4192,	25.5984383,	529.740967,	0.
4193,	25.5984383,	535.138,	0.
4194,	25.5984383,	540.535095,	0.
4195,	25.5984383,	545.932129,	0.
4196,	25.5984383,	551.329224,	0.
4197,	25.5984383,	556.726257,	0.
4198,	20.4787502,	481.167328,	0.
4199,	20.4787502,	486.564423,	0.
4200,	20.4787502,	491.961487,	0.
4201,	20.4787502,	497.358551,	0.
4202,	20.4787502,	502.755615,	0.
4203,	20.4787502,	508.152679,	0.
4204,	20.4787502,	513.549744,	0.
4205,	20.4787502,	518.946777,	0.
4206,	20.4787502,	524.343872,	0.
4207,	20.4787502,	529.740967,	0.
4208,	20.4787502,	535.138,	0.
4209,	20.4787502,	540.535095,	0.
4210,	20.4787502,	545.932129,	0.
4211,	20.4787502,	551.329224,	0.
4212,	20.4787502,	556.726257,	0.
4213,	15.3590622,	481.167328,	0.
4214,	15.3590622,	486.564423,	0.
4215,	15.3590622,	491.961487,	0.
4216,	15.3590622,	497.358551,	0.
4217,	15.3590622,	502.755615,	0.
4218,	15.3590622,	508.152679,	0.
4219,	15.3590622,	513.549744,	0.
4220,	15.3590622,	518.946777,	0.
4221,	15.3590622,	524.343872,	0.
4222,	15.3590622,	529.740967,	0.
4223,	15.3590622,	535.138,	0.

4224,	15.3590622,	540.535095,	0.
4225,	15.3590622,	545.932129,	0.
4226,	15.3590622,	551.329224,	0.
4227,	15.3590622,	556.726257,	0.
4228,	10.2393751,	481.167328,	0.
4229,	10.2393751,	486.564423,	0.
4230,	10.2393751,	491.961487,	0.
4231,	10.2393751,	497.358551,	0.
4232,	10.2393751,	502.755615,	0.
4233,	10.2393751,	508.152679,	0.
4234,	10.2393751,	513.549744,	0.
4235,	10.2393751,	518.946777,	0.
4236,	10.2393751,	524.343872,	0.
4237,	10.2393751,	529.740967,	0.
4238,	10.2393751,	535.138,	0.
4239,	10.2393751,	540.535095,	0.
4240,	10.2393751,	545.932129,	0.
4241,	10.2393751,	551.329224,	0.
4242,	10.2393751,	556.726257,	0.
4243,	5.11968756,	481.167328,	0.
4244,	5.11968756,	486.564423,	0.
4245,	5.11968756,	491.961487,	0.
4246,	5.11968756,	497.358551,	0.
4247,	5.11968756,	502.755615,	0.
4248,	5.11968756,	508.152679,	0.
4249,	5.11968756,	513.549744,	0.
4250,	5.11968756,	518.946777,	0.
4251,	5.11968756,	524.343872,	0.
4252,	5.11968756,	529.740967,	0.
4253,	5.11968756,	535.138,	0.
4254,	5.11968756,	540.535095,	0.
4255,	5.11968756,	545.932129,	0.
4256,	5.11968756,	551.329224,	0.
4257,	5.11968756,	556.726257,	0.
4258,	35.8378143,	567.480103,	0.
4259,	35.8378143,	572.836914,	0.
4260,	35.8378143,	578.193726,	0.
4261,	35.8378143,	583.550476,	0.
4262,	35.8378143,	588.907288,	0.
4263,	35.8378143,	594.264038,	0.
4264,	35.8378143,	599.62085,	0.
4265,	35.8378143,	604.977661,	0.
4266,	35.8378143,	610.334412,	0.
4267,	35.8378143,	615.691223,	0.
4268,	35.8378143,	621.048035,	0.
4269,	35.8378143,	626.404785,	0.

4270,	35.8378143,	631.761597,	0.
4271,	35.8378143,	637.118408,	0.
4272,	35.8378143,	642.475159,	0.
4273,	30.7181244,	567.480103,	0.
4274,	30.7181244,	572.836914,	0.
4275,	30.7181244,	578.193726,	0.
4276,	30.7181244,	583.550476,	0.
4277,	30.7181244,	588.907288,	0.
4278,	30.7181244,	594.264038,	0.
4279,	30.7181244,	599.62085,	0.
4280,	30.7181244,	604.977661,	0.
4281,	30.7181244,	610.334412,	0.
4282,	30.7181244,	615.691223,	0.
4283,	30.7181244,	621.048035,	0.
4284,	30.7181244,	626.404785,	0.
4285,	30.7181244,	631.761597,	0.
4286,	30.7181244,	637.118408,	0.
4287,	30.7181244,	642.475159,	0.
4288,	25.5984383,	567.480103,	0.
4289,	25.5984383,	572.836914,	0.
4290,	25.5984383,	578.193726,	0.
4291,	25.5984383,	583.550476,	0.
4292,	25.5984383,	588.907288,	0.
4293,	25.5984383,	594.264038,	0.
4294,	25.5984383,	599.62085,	0.
4295,	25.5984383,	604.977661,	0.
4296,	25.5984383,	610.334412,	0.
4297,	25.5984383,	615.691223,	0.
4298,	25.5984383,	621.048035,	0.
4299,	25.5984383,	626.404785,	0.
4300,	25.5984383,	631.761597,	0.
4301,	25.5984383,	637.118408,	0.
4302,	25.5984383,	642.475159,	0.
4303,	20.4787502,	567.480103,	0.
4304,	20.4787502,	572.836914,	0.
4305,	20.4787502,	578.193726,	0.
4306,	20.4787502,	583.550476,	0.
4307,	20.4787502,	588.907288,	0.
4308,	20.4787502,	594.264038,	0.
4309,	20.4787502,	599.62085,	0.
4310,	20.4787502,	604.977661,	0.
4311,	20.4787502,	610.334412,	0.
4312,	20.4787502,	615.691223,	0.
4313,	20.4787502,	621.048035,	0.
4314,	20.4787502,	626.404785,	0.
4315,	20.4787502,	631.761597,	0.

4316,	20.4787502,	637.118408,	0.
4317,	20.4787502,	642.475159,	0.
4318,	15.3590622,	567.480103,	0.
4319,	15.3590622,	572.836914,	0.
4320,	15.3590622,	578.193726,	0.
4321,	15.3590622,	583.550476,	0.
4322,	15.3590622,	588.907288,	0.
4323,	15.3590622,	594.264038,	0.
4324,	15.3590622,	599.62085,	0.
4325,	15.3590622,	604.977661,	0.
4326,	15.3590622,	610.334412,	0.
4327,	15.3590622,	615.691223,	0.
4328,	15.3590622,	621.048035,	0.
4329,	15.3590622,	626.404785,	0.
4330,	15.3590622,	631.761597,	0.
4331,	15.3590622,	637.118408,	0.
4332,	15.3590622,	642.475159,	0.
4333,	10.2393751,	567.480103,	0.
4334,	10.2393751,	572.836914,	0.
4335,	10.2393751,	578.193726,	0.
4336,	10.2393751,	583.550476,	0.
4337,	10.2393751,	588.907288,	0.
4338,	10.2393751,	594.264038,	0.
4339,	10.2393751,	599.62085,	0.
4340,	10.2393751,	604.977661,	0.
4341,	10.2393751,	610.334412,	0.
4342,	10.2393751,	615.691223,	0.
4343,	10.2393751,	621.048035,	0.
4344,	10.2393751,	626.404785,	0.
4345,	10.2393751,	631.761597,	0.
4346,	10.2393751,	637.118408,	0.
4347,	10.2393751,	642.475159,	0.
4348,	5.11968756,	567.480103,	0.
4349,	5.11968756,	572.836914,	0.
4350,	5.11968756,	578.193726,	0.
4351,	5.11968756,	583.550476,	0.
4352,	5.11968756,	588.907288,	0.
4353,	5.11968756,	594.264038,	0.
4354,	5.11968756,	599.62085,	0.
4355,	5.11968756,	604.977661,	0.
4356,	5.11968756,	610.334412,	0.
4357,	5.11968756,	615.691223,	0.
4358,	5.11968756,	621.048035,	0.
4359,	5.11968756,	626.404785,	0.
4360,	5.11968756,	631.761597,	0.
4361,	5.11968756,	637.118408,	0.

4362,	5.11968756,	642.475159,	0.
4363,	35.8378143,	653.175354,	0.
4364,	35.8378143,	658.518677,	0.
4365,	35.8378143,	663.862061,	0.
4366,	35.8378143,	669.205444,	0.
4367,	35.8378143,	674.548767,	0.
4368,	35.8378143,	679.892151,	0.
4369,	35.8378143,	685.235535,	0.
4370,	35.8378143,	690.578857,	0.
4371,	35.8378143,	695.922241,	0.
4372,	35.8378143,	701.265625,	0.
4373,	35.8378143,	706.608948,	0.
4374,	35.8378143,	711.952332,	0.
4375,	35.8378143,	717.295715,	0.
4376,	35.8378143,	722.639038,	0.
4377,	35.8378143,	727.982422,	0.
4378,	30.7181244,	653.175354,	0.
4379,	30.7181244,	658.518677,	0.
4380,	30.7181244,	663.862061,	0.
4381,	30.7181244,	669.205444,	0.
4382,	30.7181244,	674.548767,	0.
4383,	30.7181244,	679.892151,	0.
4384,	30.7181244,	685.235535,	0.
4385,	30.7181244,	690.578857,	0.
4386,	30.7181244,	695.922241,	0.
4387,	30.7181244,	701.265625,	0.
4388,	30.7181244,	706.608948,	0.
4389,	30.7181244,	711.952332,	0.
4390,	30.7181244,	717.295715,	0.
4391,	30.7181244,	722.639038,	0.
4392,	30.7181244,	727.982422,	0.
4393,	25.5984383,	653.175354,	0.
4394,	25.5984383,	658.518677,	0.
4395,	25.5984383,	663.862061,	0.
4396,	25.5984383,	669.205444,	0.
4397,	25.5984383,	674.548767,	0.
4398,	25.5984383,	679.892151,	0.
4399,	25.5984383,	685.235535,	0.
4400,	25.5984383,	690.578857,	0.
4401,	25.5984383,	695.922241,	0.
4402,	25.5984383,	701.265625,	0.
4403,	25.5984383,	706.608948,	0.
4404,	25.5984383,	711.952332,	0.
4405,	25.5984383,	717.295715,	0.
4406,	25.5984383,	722.639038,	0.
4407,	25.5984383,	727.982422,	0.

4408,	20.4787502,	653.175354,	0.
4409,	20.4787502,	658.518677,	0.
4410,	20.4787502,	663.862061,	0.
4411,	20.4787502,	669.205444,	0.
4412,	20.4787502,	674.548767,	0.
4413,	20.4787502,	679.892151,	0.
4414,	20.4787502,	685.235535,	0.
4415,	20.4787502,	690.578857,	0.
4416,	20.4787502,	695.922241,	0.
4417,	20.4787502,	701.265625,	0.
4418,	20.4787502,	706.608948,	0.
4419,	20.4787502,	711.952332,	0.
4420,	20.4787502,	717.295715,	0.
4421,	20.4787502,	722.639038,	0.
4422,	20.4787502,	727.982422,	0.
4423,	15.3590622,	653.175354,	0.
4424,	15.3590622,	658.518677,	0.
4425,	15.3590622,	663.862061,	0.
4426,	15.3590622,	669.205444,	0.
4427,	15.3590622,	674.548767,	0.
4428,	15.3590622,	679.892151,	0.
4429,	15.3590622,	685.235535,	0.
4430,	15.3590622,	690.578857,	0.
4431,	15.3590622,	695.922241,	0.
4432,	15.3590622,	701.265625,	0.
4433,	15.3590622,	706.608948,	0.
4434,	15.3590622,	711.952332,	0.
4435,	15.3590622,	717.295715,	0.
4436,	15.3590622,	722.639038,	0.
4437,	15.3590622,	727.982422,	0.
4438,	10.2393751,	653.175354,	0.
4439,	10.2393751,	658.518677,	0.
4440,	10.2393751,	663.862061,	0.
4441,	10.2393751,	669.205444,	0.
4442,	10.2393751,	674.548767,	0.
4443,	10.2393751,	679.892151,	0.
4444,	10.2393751,	685.235535,	0.
4445,	10.2393751,	690.578857,	0.
4446,	10.2393751,	695.922241,	0.
4447,	10.2393751,	701.265625,	0.
4448,	10.2393751,	706.608948,	0.
4449,	10.2393751,	711.952332,	0.
4450,	10.2393751,	717.295715,	0.
4451,	10.2393751,	722.639038,	0.
4452,	10.2393751,	727.982422,	0.
4453,	5.11968756,	653.175354,	0.

4454,	5.11968756,	658.518677,	0.
4455,	5.11968756,	663.862061,	0.
4456,	5.11968756,	669.205444,	0.
4457,	5.11968756,	674.548767,	0.
4458,	5.11968756,	679.892151,	0.
4459,	5.11968756,	685.235535,	0.
4460,	5.11968756,	690.578857,	0.
4461,	5.11968756,	695.922241,	0.
4462,	5.11968756,	701.265625,	0.
4463,	5.11968756,	706.608948,	0.
4464,	5.11968756,	711.952332,	0.
4465,	5.11968756,	717.295715,	0.
4466,	5.11968756,	722.639038,	0.
4467,	5.11968756,	727.982422,	0.
4468,	35.8378143,	738.695984,	0.
4469,	35.8378143,	744.066223,	0.
4470,	35.8378143,	749.436401,	0.
4471,	35.8378143,	754.806641,	0.
4472,	35.8378143,	760.17688,	0.
4473,	35.8378143,	765.547058,	0.
4474,	35.8378143,	770.917297,	0.
4475,	30.7181244,	738.695984,	0.
4476,	30.7181244,	744.066223,	0.
4477,	30.7181244,	749.436401,	0.
4478,	30.7181244,	754.806641,	0.
4479,	30.7181244,	760.17688,	0.
4480,	30.7181244,	765.547058,	0.
4481,	30.7181244,	770.917297,	0.
4482,	25.5984383,	738.695984,	0.
4483,	25.5984383,	744.066223,	0.
4484,	25.5984383,	749.436401,	0.
4485,	25.5984383,	754.806641,	0.
4486,	25.5984383,	760.17688,	0.
4487,	25.5984383,	765.547058,	0.
4488,	25.5984383,	770.917297,	0.
4489,	20.4787502,	738.695984,	0.
4490,	20.4787502,	744.066223,	0.
4491,	20.4787502,	749.436401,	0.
4492,	20.4787502,	754.806641,	0.
4493,	20.4787502,	760.17688,	0.
4494,	20.4787502,	765.547058,	0.
4495,	20.4787502,	770.917297,	0.
4496,	15.3590622,	738.695984,	0.
4497,	15.3590622,	744.066223,	0.
4498,	15.3590622,	749.436401,	0.
4499,	15.3590622,	754.806641,	0.

4500,	15.3590622,	760.17688,	0.
4501,	15.3590622,	765.547058,	0.
4502,	15.3590622,	770.917297,	0.
4503,	10.2393751,	738.695984,	0.
4504,	10.2393751,	744.066223,	0.
4505,	10.2393751,	749.436401,	0.
4506,	10.2393751,	754.806641,	0.
4507,	10.2393751,	760.17688,	0.
4508,	10.2393751,	765.547058,	0.
4509,	10.2393751,	770.917297,	0.
4510,	5.11968756,	738.695984,	0.
4511,	5.11968756,	744.066223,	0.
4512,	5.11968756,	749.436401,	0.
4513,	5.11968756,	754.806641,	0.
4514,	5.11968756,	760.17688,	0.
4515,	5.11968756,	765.547058,	0.
4516,	5.11968756,	770.917297,	0.
4517,	86.9578934,	795.337524,	0.
4518,	86.9578934,	788.987488,	0.
4519,	86.9578934,	782.637512,	0.
4520,	92.1031799,	795.337524,	0.
4521,	92.1031799,	788.987488,	0.
4522,	92.1031799,	782.637512,	0.
4523,	97.2484665,	795.337524,	0.
4524,	97.2484665,	788.987488,	0.
4525,	97.2484665,	782.637512,	0.
4526,	107.513435,	806.979187,	0.
4527,	112.633125,	806.979187,	0.
4528,	117.752815,	806.979187,	0.
4529,	122.872498,	806.979187,	0.
4530,	127.992188,	806.979187,	0.
4531,	133.111877,	806.979187,	0.
4532,	138.231567,	806.979187,	0.
4533,	143.351257,	806.979187,	0.
4534,	148.424011,	806.979187,	0.
4535,	153.496765,	806.979187,	0.
4536,	158.569519,	806.979187,	0.
4537,	163.642273,	806.979187,	0.
4538,	168.785431,	806.979187,	0.
4539,	173.928589,	806.979187,	0.
4540,	179.071732,	806.979187,	0.
4541,	184.21489,	806.979187,	0.
4542,	189.358047,	806.979187,	0.
4543,	194.50119,	806.979187,	0.
4544,	199.644348,	806.979187,	0.
4545,	107.513435,	812.270813,	0.

4546,	112.633125,	812.270813,	0.
4547,	117.752815,	812.270813,	0.
4548,	122.872498,	812.270813,	0.
4549,	127.992188,	812.270813,	0.
4550,	133.111877,	812.270813,	0.
4551,	138.231567,	812.270813,	0.
4552,	143.351257,	812.270813,	0.
4553,	148.428268,	812.270813,	0.
4554,	153.505295,	812.270813,	0.
4555,	158.582321,	812.270813,	0.
4556,	163.659348,	812.270813,	0.
4557,	168.800369,	812.270813,	0.
4558,	173.941376,	812.270813,	0.
4559,	179.082397,	812.270813,	0.
4560,	184.223419,	812.270813,	0.
4561,	189.364441,	812.270813,	0.
4562,	194.505463,	812.270813,	0.
4563,	199.646484,	812.270813,	0.
4564,	107.513435,	817.5625,	0.
4565,	112.633125,	817.5625,	0.
4566,	117.752815,	817.5625,	0.
4567,	122.872498,	817.5625,	0.
4568,	127.992188,	817.5625,	0.
4569,	133.111877,	817.5625,	0.
4570,	138.231567,	817.5625,	0.
4571,	143.351257,	817.5625,	0.
4572,	148.432541,	817.5625,	0.
4573,	153.513824,	817.5625,	0.
4574,	158.595123,	817.5625,	0.
4575,	163.676407,	817.5625,	0.
4576,	168.815292,	817.5625,	0.
4577,	173.954178,	817.5625,	0.
4578,	179.093063,	817.5625,	0.
4579,	184.231949,	817.5625,	0.
4580,	189.370834,	817.5625,	0.
4581,	194.50972,	817.5625,	0.
4582,	199.648621,	817.5625,	0.
4583,	107.513435,	822.854187,	0.
4584,	112.633125,	822.854187,	0.
4585,	117.752815,	822.854187,	0.
4586,	122.872498,	822.854187,	0.
4587,	127.992188,	822.854187,	0.
4588,	133.111877,	822.854187,	0.
4589,	138.231567,	822.854187,	0.
4590,	143.351257,	822.854187,	0.
4591,	148.436813,	822.854187,	0.

4592,	153.522369,	822.854187,	0.
4593,	158.607925,	822.854187,	0.
4594,	163.693481,	822.854187,	0.
4595,	168.830231,	822.854187,	0.
4596,	173.966698,	822.854187,	0.
4597,	179.103729,	822.854187,	0.
4598,	184.240494,	822.854187,	0.
4599,	189.377243,	822.854187,	0.
4600,	194.513992,	822.854187,	0.
4601,	199.650742,	822.854187,	0.
4602,	107.513435,	828.145813,	0.
4603,	112.633125,	828.145813,	0.
4604,	117.752815,	828.145813,	0.
4605,	122.872498,	828.145813,	0.
4606,	127.992188,	828.145813,	0.
4607,	133.111877,	828.145813,	0.
4608,	138.231567,	828.145813,	0.
4609,	143.351257,	828.145813,	0.
4610,	148.441071,	828.145813,	0.
4611,	153.530899,	828.145813,	0.
4612,	158.620712,	828.145813,	0.
4613,	163.710541,	828.145813,	0.
4614,	168.845154,	828.145813,	0.
4615,	173.979782,	828.145813,	0.
4616,	179.114395,	828.145813,	0.
4617,	184.249023,	828.145813,	0.
4618,	189.383636,	828.145813,	0.
4619,	194.518265,	828.145813,	0.
4620,	199.652878,	828.145813,	0.
4621,	107.513435,	833.4375,	0.
4622,	112.633125,	833.4375,	0.
4623,	117.752815,	833.4375,	0.
4624,	122.872498,	833.4375,	0.
4625,	127.992188,	833.4375,	0.
4626,	133.111877,	833.4375,	0.
4627,	138.231567,	833.4375,	0.
4628,	143.351257,	833.4375,	0.
4629,	148.445343,	833.4375,	0.
4630,	153.539429,	833.4375,	0.
4631,	158.633514,	833.4375,	0.
4632,	163.7276,	833.4375,	0.
4633,	168.860092,	833.4375,	0.
4634,	173.992584,	833.4375,	0.
4635,	179.125061,	833.4375,	0.
4636,	184.257553,	833.4375,	0.
4637,	189.390045,	833.4375,	0.

4638,	194.522522,	833.4375,	0.
4639,	199.655014,	833.4375,	0.
4640,	107.513435,	838.729187,	0.
4641,	112.633125,	838.729187,	0.
4642,	117.752815,	838.729187,	0.
4643,	122.872498,	838.729187,	0.
4644,	127.992188,	838.729187,	0.
4645,	133.111877,	838.729187,	0.
4646,	138.231567,	838.729187,	0.
4647,	143.351257,	838.729187,	0.
4648,	148.4496,	838.729187,	0.
4649,	153.547958,	838.729187,	0.
4650,	158.646317,	838.729187,	0.
4651,	163.744675,	838.729187,	0.
4652,	168.875031,	838.729187,	0.
4653,	174.005386,	838.729187,	0.
4654,	179.135727,	838.729187,	0.
4655,	184.266083,	838.729187,	0.
4656,	189.396439,	838.729187,	0.
4657,	194.526794,	838.729187,	0.
4658,	199.65715,	838.729187,	0.
4659,	107.513435,	844.020813,	0.
4660,	112.633125,	844.020813,	0.
4661,	117.752815,	844.020813,	0.
4662,	122.872498,	844.020813,	0.
4663,	127.992188,	844.020813,	0.
4664,	133.111877,	844.020813,	0.
4665,	138.231567,	844.020813,	0.
4666,	143.351257,	844.020813,	0.
4667,	148.453873,	844.020813,	0.
4668,	153.556488,	844.020813,	0.
4669,	158.659119,	844.020813,	0.
4670,	163.761734,	844.020813,	0.
4671,	168.889954,	844.020813,	0.
4672,	174.018173,	844.020813,	0.
4673,	179.146393,	844.020813,	0.
4674,	184.274612,	844.020813,	0.
4675,	189.402832,	844.020813,	0.
4676,	194.531067,	844.020813,	0.
4677,	199.659286,	844.020813,	0.
4678,	107.513435,	849.3125,	0.
4679,	112.633125,	849.3125,	0.
4680,	117.752815,	849.3125,	0.
4681,	122.872498,	849.3125,	0.
4682,	127.992188,	849.3125,	0.
4683,	133.111877,	849.3125,	0.

4684,	138.231567,	849.3125,	0.
4685,	143.351257,	849.3125,	0.
4686,	148.458145,	849.3125,	0.
4687,	153.565033,	849.3125,	0.
4688,	158.671921,	849.3125,	0.
4689,	163.778809,	849.3125,	0.
4690,	168.904892,	849.3125,	0.
4691,	174.030975,	849.3125,	0.
4692,	179.157059,	849.3125,	0.
4693,	184.283157,	849.3125,	0.
4694,	189.409241,	849.3125,	0.
4695,	194.535324,	849.3125,	0.
4696,	199.661407,	849.3125,	0.
4697,	107.513435,	854.604187,	0.
4698,	112.633125,	854.604187,	0.
4699,	117.752815,	854.604187,	0.
4700,	122.872498,	854.604187,	0.
4701,	127.992188,	854.604187,	0.
4702,	133.111877,	854.604187,	0.
4703,	138.231567,	854.604187,	0.
4704,	143.351257,	854.604187,	0.
4705,	148.462402,	854.604187,	0.
4706,	153.573563,	854.604187,	0.
4707,	158.684708,	854.604187,	0.
4708,	163.795868,	854.604187,	0.
4709,	168.919815,	854.604187,	0.
4710,	174.043777,	854.604187,	0.
4711,	179.167725,	854.604187,	0.
4712,	184.291687,	854.604187,	0.
4713,	189.415634,	854.604187,	0.
4714,	194.539597,	854.604187,	0.
4715,	199.663544,	854.604187,	0.
4716,	107.513435,	859.895813,	0.
4717,	112.633125,	859.895813,	0.
4718,	117.752815,	859.895813,	0.
4719,	122.872498,	859.895813,	0.
4720,	127.992188,	859.895813,	0.
4721,	133.111877,	859.895813,	0.
4722,	138.231567,	859.895813,	0.
4723,	143.351257,	859.895813,	0.
4724,	148.466675,	859.895813,	0.
4725,	153.582092,	859.895813,	0.
4726,	158.69751,	859.895813,	0.
4727,	163.812927,	859.895813,	0.
4728,	168.934753,	859.895813,	0.
4729,	174.05658,	859.895813,	0.

4730,	179.178391,	859.895813,	0.
4731,	184.300217,	859.895813,	0.
4732,	189.422043,	859.895813,	0.
4733,	194.543854,	859.895813,	0.
4734,	199.66568,	859.895813,	0.
4735,	5.11968756,	806.979187,	0.
4736,	10.2393751,	806.979187,	0.
4737,	15.3590622,	806.979187,	0.
4738,	20.4787502,	806.979187,	0.
4739,	25.5984383,	806.979187,	0.
4740,	30.7181244,	806.979187,	0.
4741,	35.8378143,	806.979187,	0.
4742,	40.9575005,	806.979187,	0.
4743,	46.0302582,	806.979187,	0.
4744,	51.1030159,	806.979187,	0.
4745,	56.1757698,	806.979187,	0.
4746,	61.2485275,	806.979187,	0.
4747,	66.3916779,	806.979187,	0.
4748,	71.5348358,	806.979187,	0.
4749,	76.6779861,	806.979187,	0.
4750,	81.8211365,	806.979187,	0.
4751,	86.9642944,	806.979187,	0.
4752,	92.1074448,	806.979187,	0.
4753,	97.2505951,	806.979187,	0.
4754,	5.11968756,	812.270813,	0.
4755,	10.2393751,	812.270813,	0.
4756,	15.3590622,	812.270813,	0.
4757,	20.4787502,	812.270813,	0.
4758,	25.5984383,	812.270813,	0.
4759,	30.7181244,	812.270813,	0.
4760,	35.8378143,	812.270813,	0.
4761,	40.9575005,	812.270813,	0.
4762,	46.034523,	812.270813,	0.
4763,	51.1115456,	812.270813,	0.
4764,	56.1885719,	812.270813,	0.
4765,	61.2655945,	812.270813,	0.
4766,	66.4066162,	812.270813,	0.
4767,	71.5476303,	812.270813,	0.
4768,	76.688652,	812.270813,	0.
4769,	81.8296738,	812.270813,	0.
4770,	86.9706879,	812.270813,	0.
4771,	92.1117096,	812.270813,	0.
4772,	97.2527313,	812.270813,	0.
4773,	5.11968756,	817.5625,	0.
4774,	10.2393751,	817.5625,	0.
4775,	15.3590622,	817.5625,	0.

4776,	20.4787502,	817.5625,	0.
4777,	25.5984383,	817.5625,	0.
4778,	30.7181244,	817.5625,	0.
4779,	35.8378143,	817.5625,	0.
4780,	40.9575005,	817.5625,	0.
4781,	46.0387917,	817.5625,	0.
4782,	51.120079,	817.5625,	0.
4783,	56.2013702,	817.5625,	0.
4784,	61.2826576,	817.5625,	0.
4785,	66.4215469,	817.5625,	0.
4786,	71.5604324,	817.5625,	0.
4787,	76.6993179,	817.5625,	0.
4788,	81.8382034,	817.5625,	0.
4789,	86.9770889,	817.5625,	0.
4790,	92.1159744,	817.5625,	0.
4791,	97.2548599,	817.5625,	0.
4792,	5.11968756,	822.854187,	0.
4793,	10.2393751,	822.854187,	0.
4794,	15.3590622,	822.854187,	0.
4795,	20.4787502,	822.854187,	0.
4796,	25.5984383,	822.854187,	0.
4797,	30.7181244,	822.854187,	0.
4798,	35.8378143,	822.854187,	0.
4799,	40.9575005,	822.854187,	0.
4800,	46.0430565,	822.854187,	0.
4801,	51.1286125,	822.854187,	0.
4802,	56.2141685,	822.854187,	0.
4803,	61.2997246,	822.854187,	0.
4804,	66.4364777,	822.854187,	0.
4805,	71.5732346,	822.854187,	0.
4806,	76.7099838,	822.854187,	0.
4807,	81.8467407,	822.854187,	0.
4808,	86.98349,	822.854187,	0.
4809,	92.1202469,	822.854187,	0.
4810,	97.2569962,	822.854187,	0.
4811,	5.11968756,	828.145813,	0.
4812,	10.2393751,	828.145813,	0.
4813,	15.3590622,	828.145813,	0.
4814,	20.4787502,	828.145813,	0.
4815,	25.5984383,	828.145813,	0.
4816,	30.7181244,	828.145813,	0.
4817,	35.8378143,	828.145813,	0.
4818,	40.9575005,	828.145813,	0.
4819,	46.0473213,	828.145813,	0.
4820,	51.137146,	828.145813,	0.
4821,	56.2269669,	828.145813,	0.

4822,	61.3167915,	828.145813,	0.
4823,	66.4514084,	828.145813,	0.
4824,	71.5860291,	828.145813,	0.
4825,	76.7206497,	828.145813,	0.
4826,	81.8552704,	828.145813,	0.
4827,	86.9898911,	828.145813,	0.
4828,	92.1245117,	828.145813,	0.
4829,	97.2591324,	828.145813,	0.
4830,	5.11968756,	833.4375,	0.
4831,	10.2393751,	833.4375,	0.
4832,	15.3590622,	833.4375,	0.
4833,	20.4787502,	833.4375,	0.
4834,	25.5984383,	833.4375,	0.
4835,	30.7181244,	833.4375,	0.
4836,	35.8378143,	833.4375,	0.
4837,	40.9575005,	833.4375,	0.
4838,	46.05159,	833.4375,	0.
4839,	51.1456795,	833.4375,	0.
4840,	56.239769,	833.4375,	0.
4841,	61.3338547,	833.4375,	0.
4842,	66.4663467,	833.4375,	0.
4843,	71.5988312,	833.4375,	0.
4844,	76.7313156,	833.4375,	0.
4845,	81.8638,	833.4375,	0.
4846,	86.9962921,	833.4375,	0.
4847,	92.1287766,	833.4375,	0.
4848,	97.261261,	833.4375,	0.
4849,	5.11968756,	838.729187,	0.
4850,	10.2393751,	838.729187,	0.
4851,	15.3590622,	838.729187,	0.
4852,	20.4787502,	838.729187,	0.
4853,	25.5984383,	838.729187,	0.
4854,	30.7181244,	838.729187,	0.
4855,	35.8378143,	838.729187,	0.
4856,	40.9575005,	838.729187,	0.
4857,	46.0558548,	838.729187,	0.
4858,	51.1542091,	838.729187,	0.
4859,	56.2525673,	838.729187,	0.
4860,	61.3509216,	838.729187,	0.
4861,	66.4812775,	838.729187,	0.
4862,	71.6116257,	838.729187,	0.
4863,	76.7419815,	838.729187,	0.
4864,	81.8723373,	838.729187,	0.
4865,	87.0026932,	838.729187,	0.
4866,	92.1330414,	838.729187,	0.
4867,	97.2633972,	838.729187,	0.

4868,	5.11968756,	844.020813,	0.
4869,	10.2393751,	844.020813,	0.
4870,	15.3590622,	844.020813,	0.
4871,	20.4787502,	844.020813,	0.
4872,	25.5984383,	844.020813,	0.
4873,	30.7181244,	844.020813,	0.
4874,	35.8378143,	844.020813,	0.
4875,	40.9575005,	844.020813,	0.
4876,	46.0601234,	844.020813,	0.
4877,	51.1627426,	844.020813,	0.
4878,	56.2653656,	844.020813,	0.
4879,	61.3679886,	844.020813,	0.
4880,	66.4962082,	844.020813,	0.
4881,	71.6244278,	844.020813,	0.
4882,	76.7526474,	844.020813,	0.
4883,	81.880867,	844.020813,	0.
4884,	87.0090866,	844.020813,	0.
4885,	92.1373062,	844.020813,	0.
4886,	97.2655334,	844.020813,	0.
4887,	5.11968756,	849.3125,	0.
4888,	10.2393751,	849.3125,	0.
4889,	15.3590622,	849.3125,	0.
4890,	20.4787502,	849.3125,	0.
4891,	25.5984383,	849.3125,	0.
4892,	30.7181244,	849.3125,	0.
4893,	35.8378143,	849.3125,	0.
4894,	40.9575005,	849.3125,	0.
4895,	46.0643883,	849.3125,	0.
4896,	51.1712761,	849.3125,	0.
4897,	56.2781639,	849.3125,	0.
4898,	61.3850517,	849.3125,	0.
4899,	66.5111389,	849.3125,	0.
4900,	71.6372299,	849.3125,	0.
4901,	76.7633133,	849.3125,	0.
4902,	81.8894043,	849.3125,	0.
4903,	87.0154877,	849.3125,	0.
4904,	92.1415787,	849.3125,	0.
4905,	97.267662,	849.3125,	0.
4906,	5.11968756,	854.604187,	0.
4907,	10.2393751,	854.604187,	0.
4908,	15.3590622,	854.604187,	0.
4909,	20.4787502,	854.604187,	0.
4910,	25.5984383,	854.604187,	0.
4911,	30.7181244,	854.604187,	0.
4912,	35.8378143,	854.604187,	0.
4913,	40.9575005,	854.604187,	0.

4914,	46.0686531,	854.604187,	0.
4915,	51.1798096,	854.604187,	0.
4916,	56.2909622,	854.604187,	0.
4917,	61.4021187,	854.604187,	0.
4918,	66.5260696,	854.604187,	0.
4919,	71.6500244,	854.604187,	0.
4920,	76.7739792,	854.604187,	0.
4921,	81.897934,	854.604187,	0.
4922,	87.0218887,	854.604187,	0.
4923,	92.1458435,	854.604187,	0.
4924,	97.2697983,	854.604187,	0.
4925,	5.11968756,	859.895813,	0.
4926,	10.2393751,	859.895813,	0.
4927,	15.3590622,	859.895813,	0.
4928,	20.4787502,	859.895813,	0.
4929,	25.5984383,	859.895813,	0.
4930,	30.7181244,	859.895813,	0.
4931,	35.8378143,	859.895813,	0.
4932,	40.9575005,	859.895813,	0.
4933,	46.0729218,	859.895813,	0.
4934,	51.188343,	859.895813,	0.
4935,	56.3037643,	859.895813,	0.
4936,	61.4191856,	859.895813,	0.
4937,	66.541008,	859.895813,	0.
4938,	71.6628265,	859.895813,	0.
4939,	76.7846451,	859.895813,	0.
4940,	81.9064636,	859.895813,	0.
4941,	87.0282898,	859.895813,	0.
4942,	92.1501083,	859.895813,	0.
4943,	97.2719269,	859.895813,	0.
4944,	117.752815,	782.637512,	0.
4945,	117.752815,	788.987488,	0.
4946,	117.752815,	795.337524,	0.
4947,	112.633125,	782.637512,	0.
4948,	112.633125,	788.987488,	0.
4949,	112.633125,	795.337524,	0.
4950,	107.513435,	782.637512,	0.
4951,	107.513435,	788.987488,	0.
4952,	107.513435,	795.337524,	0.
4953,	35.8378143,	782.637512,	0.
4954,	35.8378143,	788.987488,	0.
4955,	35.8378143,	795.337524,	0.
4956,	30.7181244,	782.637512,	0.
4957,	30.7181244,	788.987488,	0.
4958,	30.7181244,	795.337524,	0.
4959,	25.5984383,	782.637512,	0.

4960,	25.5984383,	788.987488,	0.
4961,	25.5984383,	795.337524,	0.
4962,	20.4787502,	782.637512,	0.
4963,	20.4787502,	788.987488,	0.
4964,	20.4787502,	795.337524,	0.
4965,	15.3590622,	782.637512,	0.
4966,	15.3590622,	788.987488,	0.
4967,	15.3590622,	795.337524,	0.
4968,	10.2393751,	782.637512,	0.
4969,	10.2393751,	788.987488,	0.
4970,	10.2393751,	795.337524,	0.
4971,	5.11968756,	782.637512,	0.
4972,	5.11968756,	788.987488,	0.
4973,	5.11968756,	795.337524,	0.
4974,	168.770493,	770.917297,	0.
4975,	168.770493,	765.547058,	0.
4976,	168.770493,	760.17688,	0.
4977,	168.770493,	754.806641,	0.
4978,	168.770493,	749.436401,	0.
4979,	168.770493,	744.066223,	0.
4980,	168.770493,	738.695984,	0.
4981,	173.915787,	770.917297,	0.
4982,	173.915787,	765.547058,	0.
4983,	173.915787,	760.17688,	0.
4984,	173.915787,	754.806641,	0.
4985,	173.915787,	749.436401,	0.
4986,	173.915787,	744.066223,	0.
4987,	173.915787,	738.695984,	0.
4988,	179.061066,	770.917297,	0.
4989,	179.061066,	765.547058,	0.
4990,	179.061066,	760.17688,	0.
4991,	179.061066,	754.806641,	0.
4992,	179.061066,	749.436401,	0.
4993,	179.061066,	744.066223,	0.
4994,	179.061066,	738.695984,	0.
4995,	184.20636,	770.917297,	0.
4996,	184.20636,	765.547058,	0.
4997,	184.20636,	760.17688,	0.
4998,	184.20636,	754.806641,	0.
4999,	184.20636,	749.436401,	0.
5000,	184.20636,	744.066223,	0.
5001,	184.20636,	738.695984,	0.
5002,	189.351639,	770.917297,	0.
5003,	189.351639,	765.547058,	0.
5004,	189.351639,	760.17688,	0.
5005,	189.351639,	754.806641,	0.

5006,	189.351639,	749.436401,	0.
5007,	189.351639,	744.066223,	0.
5008,	189.351639,	738.695984,	0.
5009,	194.496933,	770.917297,	0.
5010,	194.496933,	765.547058,	0.
5011,	194.496933,	760.17688,	0.
5012,	194.496933,	754.806641,	0.
5013,	194.496933,	749.436401,	0.
5014,	194.496933,	744.066223,	0.
5015,	194.496933,	738.695984,	0.
5016,	199.642212,	770.917297,	0.
5017,	199.642212,	765.547058,	0.
5018,	199.642212,	760.17688,	0.
5019,	199.642212,	754.806641,	0.
5020,	199.642212,	749.436401,	0.
5021,	199.642212,	744.066223,	0.
5022,	199.642212,	738.695984,	0.
5023,	86.9578934,	770.917297,	0.
5024,	86.9578934,	765.547058,	0.
5025,	86.9578934,	760.17688,	0.
5026,	86.9578934,	754.806641,	0.
5027,	86.9578934,	749.436401,	0.
5028,	86.9578934,	744.066223,	0.
5029,	86.9578934,	738.695984,	0.
5030,	92.1031799,	770.917297,	0.
5031,	92.1031799,	765.547058,	0.
5032,	92.1031799,	760.17688,	0.
5033,	92.1031799,	754.806641,	0.
5034,	92.1031799,	749.436401,	0.
5035,	92.1031799,	744.066223,	0.
5036,	92.1031799,	738.695984,	0.
5037,	97.2484665,	770.917297,	0.
5038,	97.2484665,	765.547058,	0.
5039,	97.2484665,	760.17688,	0.
5040,	97.2484665,	754.806641,	0.
5041,	97.2484665,	749.436401,	0.
5042,	97.2484665,	744.066223,	0.
5043,	97.2484665,	738.695984,	0.
5044,	168.770493,	727.982422,	0.
5045,	168.770493,	722.639038,	0.
5046,	168.770493,	717.295715,	0.
5047,	168.770493,	711.952332,	0.
5048,	168.770493,	706.608948,	0.
5049,	168.770493,	701.265625,	0.
5050,	168.770493,	695.922241,	0.
5051,	168.770493,	690.578857,	0.

5052,	168.770493,	685.235535,	0.
5053,	168.770493,	679.892151,	0.
5054,	168.770493,	674.548767,	0.
5055,	168.770493,	669.205444,	0.
5056,	168.770493,	663.862061,	0.
5057,	168.770493,	658.518677,	0.
5058,	168.770493,	653.175354,	0.
5059,	173.915787,	727.982422,	0.
5060,	173.915787,	722.639038,	0.
5061,	173.915787,	717.295715,	0.
5062,	173.915787,	711.952332,	0.
5063,	173.915787,	706.608948,	0.
5064,	173.915787,	701.265625,	0.
5065,	173.915787,	695.922241,	0.
5066,	173.915787,	690.578857,	0.
5067,	173.915787,	685.235535,	0.
5068,	173.915787,	679.892151,	0.
5069,	173.915787,	674.548767,	0.
5070,	173.915787,	669.205444,	0.
5071,	173.915787,	663.862061,	0.
5072,	173.915787,	658.518677,	0.
5073,	173.915787,	653.175354,	0.
5074,	179.061066,	727.982422,	0.
5075,	179.061066,	722.639038,	0.
5076,	179.061066,	717.295715,	0.
5077,	179.061066,	711.952332,	0.
5078,	179.061066,	706.608948,	0.
5079,	179.061066,	701.265625,	0.
5080,	179.061066,	695.922241,	0.
5081,	179.061066,	690.578857,	0.
5082,	179.061066,	685.235535,	0.
5083,	179.061066,	679.892151,	0.
5084,	179.061066,	674.548767,	0.
5085,	179.061066,	669.205444,	0.
5086,	179.061066,	663.862061,	0.
5087,	179.061066,	658.518677,	0.
5088,	179.061066,	653.175354,	0.
5089,	184.20636,	727.982422,	0.
5090,	184.20636,	722.639038,	0.
5091,	184.20636,	717.295715,	0.
5092,	184.20636,	711.952332,	0.
5093,	184.20636,	706.608948,	0.
5094,	184.20636,	701.265625,	0.
5095,	184.20636,	695.922241,	0.
5096,	184.20636,	690.578857,	0.
5097,	184.20636,	685.235535,	0.

5098,	184.20636,	679.892151,	0.
5099,	184.20636,	674.548767,	0.
5100,	184.20636,	669.205444,	0.
5101,	184.20636,	663.862061,	0.
5102,	184.20636,	658.518677,	0.
5103,	184.20636,	653.175354,	0.
5104,	189.351639,	727.982422,	0.
5105,	189.351639,	722.639038,	0.
5106,	189.351639,	717.295715,	0.
5107,	189.351639,	711.952332,	0.
5108,	189.351639,	706.608948,	0.
5109,	189.351639,	701.265625,	0.
5110,	189.351639,	695.922241,	0.
5111,	189.351639,	690.578857,	0.
5112,	189.351639,	685.235535,	0.
5113,	189.351639,	679.892151,	0.
5114,	189.351639,	674.548767,	0.
5115,	189.351639,	669.205444,	0.
5116,	189.351639,	663.862061,	0.
5117,	189.351639,	658.518677,	0.
5118,	189.351639,	653.175354,	0.
5119,	194.496933,	727.982422,	0.
5120,	194.496933,	722.639038,	0.
5121,	194.496933,	717.295715,	0.
5122,	194.496933,	711.952332,	0.
5123,	194.496933,	706.608948,	0.
5124,	194.496933,	701.265625,	0.
5125,	194.496933,	695.922241,	0.
5126,	194.496933,	690.578857,	0.
5127,	194.496933,	685.235535,	0.
5128,	194.496933,	679.892151,	0.
5129,	194.496933,	674.548767,	0.
5130,	194.496933,	669.205444,	0.
5131,	194.496933,	663.862061,	0.
5132,	194.496933,	658.518677,	0.
5133,	194.496933,	653.175354,	0.
5134,	199.642212,	727.982422,	0.
5135,	199.642212,	722.639038,	0.
5136,	199.642212,	717.295715,	0.
5137,	199.642212,	711.952332,	0.
5138,	199.642212,	706.608948,	0.
5139,	199.642212,	701.265625,	0.
5140,	199.642212,	695.922241,	0.
5141,	199.642212,	690.578857,	0.
5142,	199.642212,	685.235535,	0.
5143,	199.642212,	679.892151,	0.

5144,	199.642212,	674.548767,	0.
5145,	199.642212,	669.205444,	0.
5146,	199.642212,	663.862061,	0.
5147,	199.642212,	658.518677,	0.
5148,	199.642212,	653.175354,	0.
5149,	86.9578934,	727.982422,	0.
5150,	86.9578934,	722.639038,	0.
5151,	86.9578934,	717.295715,	0.
5152,	86.9578934,	711.952332,	0.
5153,	86.9578934,	706.608948,	0.
5154,	86.9578934,	701.265625,	0.
5155,	86.9578934,	695.922241,	0.
5156,	86.9578934,	690.578857,	0.
5157,	86.9578934,	685.235535,	0.
5158,	86.9578934,	679.892151,	0.
5159,	86.9578934,	674.548767,	0.
5160,	86.9578934,	669.205444,	0.
5161,	86.9578934,	663.862061,	0.
5162,	86.9578934,	658.518677,	0.
5163,	86.9578934,	653.175354,	0.
5164,	92.1031799,	727.982422,	0.
5165,	92.1031799,	722.639038,	0.
5166,	92.1031799,	717.295715,	0.
5167,	92.1031799,	711.952332,	0.
5168,	92.1031799,	706.608948,	0.
5169,	92.1031799,	701.265625,	0.
5170,	92.1031799,	695.922241,	0.
5171,	92.1031799,	690.578857,	0.
5172,	92.1031799,	685.235535,	0.
5173,	92.1031799,	679.892151,	0.
5174,	92.1031799,	674.548767,	0.
5175,	92.1031799,	669.205444,	0.
5176,	92.1031799,	663.862061,	0.
5177,	92.1031799,	658.518677,	0.
5178,	92.1031799,	653.175354,	0.
5179,	97.2484665,	727.982422,	0.
5180,	97.2484665,	722.639038,	0.
5181,	97.2484665,	717.295715,	0.
5182,	97.2484665,	711.952332,	0.
5183,	97.2484665,	706.608948,	0.
5184,	97.2484665,	701.265625,	0.
5185,	97.2484665,	695.922241,	0.
5186,	97.2484665,	690.578857,	0.
5187,	97.2484665,	685.235535,	0.
5188,	97.2484665,	679.892151,	0.
5189,	97.2484665,	674.548767,	0.

5190,	97.2484665,	669.205444,	0.
5191,	97.2484665,	663.862061,	0.
5192,	97.2484665,	658.518677,	0.
5193,	97.2484665,	653.175354,	0.
5194,	168.770493,	642.475159,	0.
5195,	168.770493,	637.118408,	0.
5196,	168.770493,	631.761597,	0.
5197,	168.770493,	626.404785,	0.
5198,	168.770493,	621.048035,	0.
5199,	168.770493,	615.691223,	0.
5200,	168.770493,	610.334412,	0.
5201,	168.770493,	604.977661,	0.
5202,	168.770493,	599.62085,	0.
5203,	168.770493,	594.264038,	0.
5204,	168.770493,	588.907288,	0.
5205,	168.770493,	583.550476,	0.
5206,	168.770493,	578.193726,	0.
5207,	168.770493,	572.836914,	0.
5208,	168.770493,	567.480103,	0.
5209,	173.915787,	642.475159,	0.
5210,	173.915787,	637.118408,	0.
5211,	173.915787,	631.761597,	0.
5212,	173.915787,	626.404785,	0.
5213,	173.915787,	621.048035,	0.
5214,	173.915787,	615.691223,	0.
5215,	173.915787,	610.334412,	0.
5216,	173.915787,	604.977661,	0.
5217,	173.915787,	599.62085,	0.
5218,	173.915787,	594.264038,	0.
5219,	173.915787,	588.907288,	0.
5220,	173.915787,	583.550476,	0.
5221,	173.915787,	578.193726,	0.
5222,	173.915787,	572.836914,	0.
5223,	173.915787,	567.480103,	0.
5224,	179.061066,	642.475159,	0.
5225,	179.061066,	637.118408,	0.
5226,	179.061066,	631.761597,	0.
5227,	179.061066,	626.404785,	0.
5228,	179.061066,	621.048035,	0.
5229,	179.061066,	615.691223,	0.
5230,	179.061066,	610.334412,	0.
5231,	179.061066,	604.977661,	0.
5232,	179.061066,	599.62085,	0.
5233,	179.061066,	594.264038,	0.
5234,	179.061066,	588.907288,	0.
5235,	179.061066,	583.550476,	0.

5236,	179.061066,	578.193726,	0.
5237,	179.061066,	572.836914,	0.
5238,	179.061066,	567.480103,	0.
5239,	184.20636,	642.475159,	0.
5240,	184.20636,	637.118408,	0.
5241,	184.20636,	631.761597,	0.
5242,	184.20636,	626.404785,	0.
5243,	184.20636,	621.048035,	0.
5244,	184.20636,	615.691223,	0.
5245,	184.20636,	610.334412,	0.
5246,	184.20636,	604.977661,	0.
5247,	184.20636,	599.62085,	0.
5248,	184.20636,	594.264038,	0.
5249,	184.20636,	588.907288,	0.
5250,	184.20636,	583.550476,	0.
5251,	184.20636,	578.193726,	0.
5252,	184.20636,	572.836914,	0.
5253,	184.20636,	567.480103,	0.
5254,	189.351639,	642.475159,	0.
5255,	189.351639,	637.118408,	0.
5256,	189.351639,	631.761597,	0.
5257,	189.351639,	626.404785,	0.
5258,	189.351639,	621.048035,	0.
5259,	189.351639,	615.691223,	0.
5260,	189.351639,	610.334412,	0.
5261,	189.351639,	604.977661,	0.
5262,	189.351639,	599.62085,	0.
5263,	189.351639,	594.264038,	0.
5264,	189.351639,	588.907288,	0.
5265,	189.351639,	583.550476,	0.
5266,	189.351639,	578.193726,	0.
5267,	189.351639,	572.836914,	0.
5268,	189.351639,	567.480103,	0.
5269,	194.496933,	642.475159,	0.
5270,	194.496933,	637.118408,	0.
5271,	194.496933,	631.761597,	0.
5272,	194.496933,	626.404785,	0.
5273,	194.496933,	621.048035,	0.
5274,	194.496933,	615.691223,	0.
5275,	194.496933,	610.334412,	0.
5276,	194.496933,	604.977661,	0.
5277,	194.496933,	599.62085,	0.
5278,	194.496933,	594.264038,	0.
5279,	194.496933,	588.907288,	0.
5280,	194.496933,	583.550476,	0.
5281,	194.496933,	578.193726,	0.

5282,	194.496933,	572.836914,	0.
5283,	194.496933,	567.480103,	0.
5284,	199.642212,	642.475159,	0.
5285,	199.642212,	637.118408,	0.
5286,	199.642212,	631.761597,	0.
5287,	199.642212,	626.404785,	0.
5288,	199.642212,	621.048035,	0.
5289,	199.642212,	615.691223,	0.
5290,	199.642212,	610.334412,	0.
5291,	199.642212,	604.977661,	0.
5292,	199.642212,	599.62085,	0.
5293,	199.642212,	594.264038,	0.
5294,	199.642212,	588.907288,	0.
5295,	199.642212,	583.550476,	0.
5296,	199.642212,	578.193726,	0.
5297,	199.642212,	572.836914,	0.
5298,	199.642212,	567.480103,	0.
5299,	86.9578934,	642.475159,	0.
5300,	86.9578934,	637.118408,	0.
5301,	86.9578934,	631.761597,	0.
5302,	86.9578934,	626.404785,	0.
5303,	86.9578934,	621.048035,	0.
5304,	86.9578934,	615.691223,	0.
5305,	86.9578934,	610.334412,	0.
5306,	86.9578934,	604.977661,	0.
5307,	86.9578934,	599.62085,	0.
5308,	86.9578934,	594.264038,	0.
5309,	86.9578934,	588.907288,	0.
5310,	86.9578934,	583.550476,	0.
5311,	86.9578934,	578.193726,	0.
5312,	86.9578934,	572.836914,	0.
5313,	86.9578934,	567.480103,	0.
5314,	92.1031799,	642.475159,	0.
5315,	92.1031799,	637.118408,	0.
5316,	92.1031799,	631.761597,	0.
5317,	92.1031799,	626.404785,	0.
5318,	92.1031799,	621.048035,	0.
5319,	92.1031799,	615.691223,	0.
5320,	92.1031799,	610.334412,	0.
5321,	92.1031799,	604.977661,	0.
5322,	92.1031799,	599.62085,	0.
5323,	92.1031799,	594.264038,	0.
5324,	92.1031799,	588.907288,	0.
5325,	92.1031799,	583.550476,	0.
5326,	92.1031799,	578.193726,	0.
5327,	92.1031799,	572.836914,	0.

5328,	92.1031799,	567.480103,	0.
5329,	97.2484665,	642.475159,	0.
5330,	97.2484665,	637.118408,	0.
5331,	97.2484665,	631.761597,	0.
5332,	97.2484665,	626.404785,	0.
5333,	97.2484665,	621.048035,	0.
5334,	97.2484665,	615.691223,	0.
5335,	97.2484665,	610.334412,	0.
5336,	97.2484665,	604.977661,	0.
5337,	97.2484665,	599.62085,	0.
5338,	97.2484665,	594.264038,	0.
5339,	97.2484665,	588.907288,	0.
5340,	97.2484665,	583.550476,	0.
5341,	97.2484665,	578.193726,	0.
5342,	97.2484665,	572.836914,	0.
5343,	97.2484665,	567.480103,	0.
5344,	168.770493,	556.726257,	0.
5345,	168.770493,	551.329224,	0.
5346,	168.770493,	545.932129,	0.
5347,	168.770493,	540.535095,	0.
5348,	168.770493,	535.138,	0.
5349,	168.770493,	529.740967,	0.
5350,	168.770493,	524.343872,	0.
5351,	168.770493,	518.946777,	0.
5352,	168.770493,	513.549744,	0.
5353,	168.770493,	508.152679,	0.
5354,	168.770493,	502.755615,	0.
5355,	168.770493,	497.358551,	0.
5356,	168.770493,	491.961487,	0.
5357,	168.770493,	486.564423,	0.
5358,	168.770493,	481.167328,	0.
5359,	173.915787,	556.726257,	0.
5360,	173.915787,	551.329224,	0.
5361,	173.915787,	545.932129,	0.
5362,	173.915787,	540.535095,	0.
5363,	173.915787,	535.138,	0.
5364,	173.915787,	529.740967,	0.
5365,	173.915787,	524.343872,	0.
5366,	173.915787,	518.946777,	0.
5367,	173.915787,	513.549744,	0.
5368,	173.915787,	508.152679,	0.
5369,	173.915787,	502.755615,	0.
5370,	173.915787,	497.358551,	0.
5371,	173.915787,	491.961487,	0.
5372,	173.915787,	486.564423,	0.
5373,	173.915787,	481.167328,	0.

5374,	179.061066,	556.726257,	0.
5375,	179.061066,	551.329224,	0.
5376,	179.061066,	545.932129,	0.
5377,	179.061066,	540.535095,	0.
5378,	179.061066,	535.138,	0.
5379,	179.061066,	529.740967,	0.
5380,	179.061066,	524.343872,	0.
5381,	179.061066,	518.946777,	0.
5382,	179.061066,	513.549744,	0.
5383,	179.061066,	508.152679,	0.
5384,	179.061066,	502.755615,	0.
5385,	179.061066,	497.358551,	0.
5386,	179.061066,	491.961487,	0.
5387,	179.061066,	486.564423,	0.
5388,	179.061066,	481.167328,	0.
5389,	184.20636,	556.726257,	0.
5390,	184.20636,	551.329224,	0.
5391,	184.20636,	545.932129,	0.
5392,	184.20636,	540.535095,	0.
5393,	184.20636,	535.138,	0.
5394,	184.20636,	529.740967,	0.
5395,	184.20636,	524.343872,	0.
5396,	184.20636,	518.946777,	0.
5397,	184.20636,	513.549744,	0.
5398,	184.20636,	508.152679,	0.
5399,	184.20636,	502.755615,	0.
5400,	184.20636,	497.358551,	0.
5401,	184.20636,	491.961487,	0.
5402,	184.20636,	486.564423,	0.
5403,	184.20636,	481.167328,	0.
5404,	189.351639,	556.726257,	0.
5405,	189.351639,	551.329224,	0.
5406,	189.351639,	545.932129,	0.
5407,	189.351639,	540.535095,	0.
5408,	189.351639,	535.138,	0.
5409,	189.351639,	529.740967,	0.
5410,	189.351639,	524.343872,	0.
5411,	189.351639,	518.946777,	0.
5412,	189.351639,	513.549744,	0.
5413,	189.351639,	508.152679,	0.
5414,	189.351639,	502.755615,	0.
5415,	189.351639,	497.358551,	0.
5416,	189.351639,	491.961487,	0.
5417,	189.351639,	486.564423,	0.
5418,	189.351639,	481.167328,	0.
5419,	194.496933,	556.726257,	0.

5420,	194.496933,	551.329224,	0.
5421,	194.496933,	545.932129,	0.
5422,	194.496933,	540.535095,	0.
5423,	194.496933,	535.138,	0.
5424,	194.496933,	529.740967,	0.
5425,	194.496933,	524.343872,	0.
5426,	194.496933,	518.946777,	0.
5427,	194.496933,	513.549744,	0.
5428,	194.496933,	508.152679,	0.
5429,	194.496933,	502.755615,	0.
5430,	194.496933,	497.358551,	0.
5431,	194.496933,	491.961487,	0.
5432,	194.496933,	486.564423,	0.
5433,	194.496933,	481.167328,	0.
5434,	199.642212,	556.726257,	0.
5435,	199.642212,	551.329224,	0.
5436,	199.642212,	545.932129,	0.
5437,	199.642212,	540.535095,	0.
5438,	199.642212,	535.138,	0.
5439,	199.642212,	529.740967,	0.
5440,	199.642212,	524.343872,	0.
5441,	199.642212,	518.946777,	0.
5442,	199.642212,	513.549744,	0.
5443,	199.642212,	508.152679,	0.
5444,	199.642212,	502.755615,	0.
5445,	199.642212,	497.358551,	0.
5446,	199.642212,	491.961487,	0.
5447,	199.642212,	486.564423,	0.
5448,	199.642212,	481.167328,	0.
5449,	86.9578934,	556.726257,	0.
5450,	86.9578934,	551.329224,	0.
5451,	86.9578934,	545.932129,	0.
5452,	86.9578934,	540.535095,	0.
5453,	86.9578934,	535.138,	0.
5454,	86.9578934,	529.740967,	0.
5455,	86.9578934,	524.343872,	0.
5456,	86.9578934,	518.946777,	0.
5457,	86.9578934,	513.549744,	0.
5458,	86.9578934,	508.152679,	0.
5459,	86.9578934,	502.755615,	0.
5460,	86.9578934,	497.358551,	0.
5461,	86.9578934,	491.961487,	0.
5462,	86.9578934,	486.564423,	0.
5463,	86.9578934,	481.167328,	0.
5464,	92.1031799,	556.726257,	0.
5465,	92.1031799,	551.329224,	0.

5466,	92.1031799,	545.932129,	0.
5467,	92.1031799,	540.535095,	0.
5468,	92.1031799,	535.138,	0.
5469,	92.1031799,	529.740967,	0.
5470,	92.1031799,	524.343872,	0.
5471,	92.1031799,	518.946777,	0.
5472,	92.1031799,	513.549744,	0.
5473,	92.1031799,	508.152679,	0.
5474,	92.1031799,	502.755615,	0.
5475,	92.1031799,	497.358551,	0.
5476,	92.1031799,	491.961487,	0.
5477,	92.1031799,	486.564423,	0.
5478,	92.1031799,	481.167328,	0.
5479,	97.2484665,	556.726257,	0.
5480,	97.2484665,	551.329224,	0.
5481,	97.2484665,	545.932129,	0.
5482,	97.2484665,	540.535095,	0.
5483,	97.2484665,	535.138,	0.
5484,	97.2484665,	529.740967,	0.
5485,	97.2484665,	524.343872,	0.
5486,	97.2484665,	518.946777,	0.
5487,	97.2484665,	513.549744,	0.
5488,	97.2484665,	508.152679,	0.
5489,	97.2484665,	502.755615,	0.
5490,	97.2484665,	497.358551,	0.
5491,	97.2484665,	491.961487,	0.
5492,	97.2484665,	486.564423,	0.
5493,	97.2484665,	481.167328,	0.
5494,	168.770493,	470.373199,	0.
5495,	168.770493,	464.976135,	0.
5496,	168.770493,	459.579071,	0.
5497,	168.770493,	454.182007,	0.
5498,	168.770493,	448.784943,	0.
5499,	168.770493,	443.387878,	0.
5500,	168.770493,	437.990814,	0.
5501,	173.915787,	470.373199,	0.
5502,	173.915787,	464.976135,	0.
5503,	173.915787,	459.579071,	0.
5504,	173.915787,	454.182007,	0.
5505,	173.915787,	448.784943,	0.
5506,	173.915787,	443.387878,	0.
5507,	173.915787,	437.990814,	0.
5508,	179.061066,	470.373199,	0.
5509,	179.061066,	464.976135,	0.
5510,	179.061066,	459.579071,	0.
5511,	179.061066,	454.182007,	0.

5512,	179.061066,	448.784943,	0.
5513,	179.061066,	443.387878,	0.
5514,	179.061066,	437.990814,	0.
5515,	184.20636,	470.373199,	0.
5516,	184.20636,	464.976135,	0.
5517,	184.20636,	459.579071,	0.
5518,	184.20636,	454.182007,	0.
5519,	184.20636,	448.784943,	0.
5520,	184.20636,	443.387878,	0.
5521,	184.20636,	437.990814,	0.
5522,	189.351639,	470.373199,	0.
5523,	189.351639,	464.976135,	0.
5524,	189.351639,	459.579071,	0.
5525,	189.351639,	454.182007,	0.
5526,	189.351639,	448.784943,	0.
5527,	189.351639,	443.387878,	0.
5528,	189.351639,	437.990814,	0.
5529,	194.496933,	470.373199,	0.
5530,	194.496933,	464.976135,	0.
5531,	194.496933,	459.579071,	0.
5532,	194.496933,	454.182007,	0.
5533,	194.496933,	448.784943,	0.
5534,	194.496933,	443.387878,	0.
5535,	194.496933,	437.990814,	0.
5536,	199.642212,	470.373199,	0.
5537,	199.642212,	464.976135,	0.
5538,	199.642212,	459.579071,	0.
5539,	199.642212,	454.182007,	0.
5540,	199.642212,	448.784943,	0.
5541,	199.642212,	443.387878,	0.
5542,	199.642212,	437.990814,	0.
5543,	86.9578934,	470.373199,	0.
5544,	86.9578934,	464.976135,	0.
5545,	86.9578934,	459.579071,	0.
5546,	86.9578934,	454.182007,	0.
5547,	86.9578934,	448.784943,	0.
5548,	86.9578934,	443.387878,	0.
5549,	86.9578934,	437.990814,	0.
5550,	92.1031799,	470.373199,	0.
5551,	92.1031799,	464.976135,	0.
5552,	92.1031799,	459.579071,	0.
5553,	92.1031799,	454.182007,	0.
5554,	92.1031799,	448.784943,	0.
5555,	92.1031799,	443.387878,	0.
5556,	92.1031799,	437.990814,	0.
5557,	97.2484665,	470.373199,	0.

5558,	97.2484665,	464.976135,	0.
5559,	97.2484665,	459.579071,	0.
5560,	97.2484665,	454.182007,	0.
5561,	97.2484665,	448.784943,	0.
5562,	97.2484665,	443.387878,	0.
5563,	97.2484665,	437.990814,	0.
5564,	168.770493,	427.196686,	0.
5565,	168.770493,	421.799622,	0.
5566,	168.770493,	416.402557,	0.
5567,	168.770493,	411.005493,	0.
5568,	168.770493,	405.608429,	0.
5569,	168.770493,	400.211365,	0.
5570,	168.770493,	394.814301,	0.
5571,	173.915787,	427.196686,	0.
5572,	173.915787,	421.799622,	0.
5573,	173.915787,	416.402557,	0.
5574,	173.915787,	411.005493,	0.
5575,	173.915787,	405.608429,	0.
5576,	173.915787,	400.211365,	0.
5577,	173.915787,	394.814301,	0.
5578,	179.061066,	427.196686,	0.
5579,	179.061066,	421.799622,	0.
5580,	179.061066,	416.402557,	0.
5581,	179.061066,	411.005493,	0.
5582,	179.061066,	405.608429,	0.
5583,	179.061066,	400.211365,	0.
5584,	179.061066,	394.814301,	0.
5585,	184.20636,	427.196686,	0.
5586,	184.20636,	421.799622,	0.
5587,	184.20636,	416.402557,	0.
5588,	184.20636,	411.005493,	0.
5589,	184.20636,	405.608429,	0.
5590,	184.20636,	400.211365,	0.
5591,	184.20636,	394.814301,	0.
5592,	189.351639,	427.196686,	0.
5593,	189.351639,	421.799622,	0.
5594,	189.351639,	416.402557,	0.
5595,	189.351639,	411.005493,	0.
5596,	189.351639,	405.608429,	0.
5597,	189.351639,	400.211365,	0.
5598,	189.351639,	394.814301,	0.
5599,	194.496933,	427.196686,	0.
5600,	194.496933,	421.799622,	0.
5601,	194.496933,	416.402557,	0.
5602,	194.496933,	411.005493,	0.
5603,	194.496933,	405.608429,	0.

5604,	194.496933,	400.211365,	0.
5605,	194.496933,	394.814301,	0.
5606,	199.642212,	427.196686,	0.
5607,	199.642212,	421.799622,	0.
5608,	199.642212,	416.402557,	0.
5609,	199.642212,	411.005493,	0.
5610,	199.642212,	405.608429,	0.
5611,	199.642212,	400.211365,	0.
5612,	199.642212,	394.814301,	0.
5613,	86.9578934,	427.196686,	0.
5614,	86.9578934,	421.799622,	0.
5615,	86.9578934,	416.402557,	0.
5616,	86.9578934,	411.005493,	0.
5617,	86.9578934,	405.608429,	0.
5618,	86.9578934,	400.211365,	0.
5619,	86.9578934,	394.814301,	0.
5620,	92.1031799,	427.196686,	0.
5621,	92.1031799,	421.799622,	0.
5622,	92.1031799,	416.402557,	0.
5623,	92.1031799,	411.005493,	0.
5624,	92.1031799,	405.608429,	0.
5625,	92.1031799,	400.211365,	0.
5626,	92.1031799,	394.814301,	0.
5627,	97.2484665,	427.196686,	0.
5628,	97.2484665,	421.799622,	0.
5629,	97.2484665,	416.402557,	0.
5630,	97.2484665,	411.005493,	0.
5631,	97.2484665,	405.608429,	0.
5632,	97.2484665,	400.211365,	0.
5633,	97.2484665,	394.814301,	0.
5634,	168.770493,	384.020172,	0.
5635,	168.770493,	378.623077,	0.
5636,	168.770493,	373.226013,	0.
5637,	168.770493,	367.828949,	0.
5638,	168.770493,	362.431885,	0.
5639,	168.770493,	357.034821,	0.
5640,	168.770493,	351.637756,	0.
5641,	168.770493,	346.240692,	0.
5642,	168.770493,	340.843628,	0.
5643,	168.770493,	335.446564,	0.
5644,	168.770493,	330.0495,	0.
5645,	168.770493,	324.652435,	0.
5646,	168.770493,	319.255371,	0.
5647,	168.770493,	313.858307,	0.
5648,	168.770493,	308.461243,	0.
5649,	173.915787,	384.020172,	0.

5650,	173.915787,	378.623077,	0.
5651,	173.915787,	373.226013,	0.
5652,	173.915787,	367.828949,	0.
5653,	173.915787,	362.431885,	0.
5654,	173.915787,	357.034821,	0.
5655,	173.915787,	351.637756,	0.
5656,	173.915787,	346.240692,	0.
5657,	173.915787,	340.843628,	0.
5658,	173.915787,	335.446564,	0.
5659,	173.915787,	330.0495,	0.
5660,	173.915787,	324.652435,	0.
5661,	173.915787,	319.255371,	0.
5662,	173.915787,	313.858307,	0.
5663,	173.915787,	308.461243,	0.
5664,	179.061066,	384.020172,	0.
5665,	179.061066,	378.623077,	0.
5666,	179.061066,	373.226013,	0.
5667,	179.061066,	367.828949,	0.
5668,	179.061066,	362.431885,	0.
5669,	179.061066,	357.034821,	0.
5670,	179.061066,	351.637756,	0.
5671,	179.061066,	346.240692,	0.
5672,	179.061066,	340.843628,	0.
5673,	179.061066,	335.446564,	0.
5674,	179.061066,	330.0495,	0.
5675,	179.061066,	324.652435,	0.
5676,	179.061066,	319.255371,	0.
5677,	179.061066,	313.858307,	0.
5678,	179.061066,	308.461243,	0.
5679,	184.20636,	384.020172,	0.
5680,	184.20636,	378.623077,	0.
5681,	184.20636,	373.226013,	0.
5682,	184.20636,	367.828949,	0.
5683,	184.20636,	362.431885,	0.
5684,	184.20636,	357.034821,	0.
5685,	184.20636,	351.637756,	0.
5686,	184.20636,	346.240692,	0.
5687,	184.20636,	340.843628,	0.
5688,	184.20636,	335.446564,	0.
5689,	184.20636,	330.0495,	0.
5690,	184.20636,	324.652435,	0.
5691,	184.20636,	319.255371,	0.
5692,	184.20636,	313.858307,	0.
5693,	184.20636,	308.461243,	0.
5694,	189.351639,	384.020172,	0.
5695,	189.351639,	378.623077,	0.

5696,	189.351639,	373.226013,	0.
5697,	189.351639,	367.828949,	0.
5698,	189.351639,	362.431885,	0.
5699,	189.351639,	357.034821,	0.
5700,	189.351639,	351.637756,	0.
5701,	189.351639,	346.240692,	0.
5702,	189.351639,	340.843628,	0.
5703,	189.351639,	335.446564,	0.
5704,	189.351639,	330.0495,	0.
5705,	189.351639,	324.652435,	0.
5706,	189.351639,	319.255371,	0.
5707,	189.351639,	313.858307,	0.
5708,	189.351639,	308.461243,	0.
5709,	194.496933,	384.020172,	0.
5710,	194.496933,	378.623077,	0.
5711,	194.496933,	373.226013,	0.
5712,	194.496933,	367.828949,	0.
5713,	194.496933,	362.431885,	0.
5714,	194.496933,	357.034821,	0.
5715,	194.496933,	351.637756,	0.
5716,	194.496933,	346.240692,	0.
5717,	194.496933,	340.843628,	0.
5718,	194.496933,	335.446564,	0.
5719,	194.496933,	330.0495,	0.
5720,	194.496933,	324.652435,	0.
5721,	194.496933,	319.255371,	0.
5722,	194.496933,	313.858307,	0.
5723,	194.496933,	308.461243,	0.
5724,	199.642212,	384.020172,	0.
5725,	199.642212,	378.623077,	0.
5726,	199.642212,	373.226013,	0.
5727,	199.642212,	367.828949,	0.
5728,	199.642212,	362.431885,	0.
5729,	199.642212,	357.034821,	0.
5730,	199.642212,	351.637756,	0.
5731,	199.642212,	346.240692,	0.
5732,	199.642212,	340.843628,	0.
5733,	199.642212,	335.446564,	0.
5734,	199.642212,	330.0495,	0.
5735,	199.642212,	324.652435,	0.
5736,	199.642212,	319.255371,	0.
5737,	199.642212,	313.858307,	0.
5738,	199.642212,	308.461243,	0.
5739,	86.9578934,	384.020172,	0.
5740,	86.9578934,	378.623077,	0.
5741,	86.9578934,	373.226013,	0.

5742,	86.9578934,	367.828949,	0.
5743,	86.9578934,	362.431885,	0.
5744,	86.9578934,	357.034821,	0.
5745,	86.9578934,	351.637756,	0.
5746,	86.9578934,	346.240692,	0.
5747,	86.9578934,	340.843628,	0.
5748,	86.9578934,	335.446564,	0.
5749,	86.9578934,	330.0495,	0.
5750,	86.9578934,	324.652435,	0.
5751,	86.9578934,	319.255371,	0.
5752,	86.9578934,	313.858307,	0.
5753,	86.9578934,	308.461243,	0.
5754,	92.1031799,	384.020172,	0.
5755,	92.1031799,	378.623077,	0.
5756,	92.1031799,	373.226013,	0.
5757,	92.1031799,	367.828949,	0.
5758,	92.1031799,	362.431885,	0.
5759,	92.1031799,	357.034821,	0.
5760,	92.1031799,	351.637756,	0.
5761,	92.1031799,	346.240692,	0.
5762,	92.1031799,	340.843628,	0.
5763,	92.1031799,	335.446564,	0.
5764,	92.1031799,	330.0495,	0.
5765,	92.1031799,	324.652435,	0.
5766,	92.1031799,	319.255371,	0.
5767,	92.1031799,	313.858307,	0.
5768,	92.1031799,	308.461243,	0.
5769,	97.2484665,	384.020172,	0.
5770,	97.2484665,	378.623077,	0.
5771,	97.2484665,	373.226013,	0.
5772,	97.2484665,	367.828949,	0.
5773,	97.2484665,	362.431885,	0.
5774,	97.2484665,	357.034821,	0.
5775,	97.2484665,	351.637756,	0.
5776,	97.2484665,	346.240692,	0.
5777,	97.2484665,	340.843628,	0.
5778,	97.2484665,	335.446564,	0.
5779,	97.2484665,	330.0495,	0.
5780,	97.2484665,	324.652435,	0.
5781,	97.2484665,	319.255371,	0.
5782,	97.2484665,	313.858307,	0.
5783,	97.2484665,	308.461243,	0.
5784,	168.770493,	297.707367,	0.
5785,	168.770493,	292.350586,	0.
5786,	168.770493,	286.993805,	0.
5787,	168.770493,	281.637024,	0.

5788,	168.770493,	276.280212,	0.
5789,	168.770493,	270.923431,	0.
5790,	168.770493,	265.56665,	0.
5791,	168.770493,	260.209839,	0.
5792,	168.770493,	254.853058,	0.
5793,	168.770493,	249.496277,	0.
5794,	168.770493,	244.139481,	0.
5795,	168.770493,	238.7827,	0.
5796,	168.770493,	233.425903,	0.
5797,	168.770493,	228.069122,	0.
5798,	168.770493,	222.712326,	0.
5799,	173.915787,	297.707367,	0.
5800,	173.915787,	292.350586,	0.
5801,	173.915787,	286.993805,	0.
5802,	173.915787,	281.637024,	0.
5803,	173.915787,	276.280212,	0.
5804,	173.915787,	270.923431,	0.
5805,	173.915787,	265.56665,	0.
5806,	173.915787,	260.209839,	0.
5807,	173.915787,	254.853058,	0.
5808,	173.915787,	249.496277,	0.
5809,	173.915787,	244.139481,	0.
5810,	173.915787,	238.7827,	0.
5811,	173.915787,	233.425903,	0.
5812,	173.915787,	228.069122,	0.
5813,	173.915787,	222.712326,	0.
5814,	179.061066,	297.707367,	0.
5815,	179.061066,	292.350586,	0.
5816,	179.061066,	286.993805,	0.
5817,	179.061066,	281.637024,	0.
5818,	179.061066,	276.280212,	0.
5819,	179.061066,	270.923431,	0.
5820,	179.061066,	265.56665,	0.
5821,	179.061066,	260.209839,	0.
5822,	179.061066,	254.853058,	0.
5823,	179.061066,	249.496277,	0.
5824,	179.061066,	244.139481,	0.
5825,	179.061066,	238.7827,	0.
5826,	179.061066,	233.425903,	0.
5827,	179.061066,	228.069122,	0.
5828,	179.061066,	222.712326,	0.
5829,	184.20636,	297.707367,	0.
5830,	184.20636,	292.350586,	0.
5831,	184.20636,	286.993805,	0.
5832,	184.20636,	281.637024,	0.
5833,	184.20636,	276.280212,	0.

5834,	184.20636,	270.923431,	0.
5835,	184.20636,	265.56665,	0.
5836,	184.20636,	260.209839,	0.
5837,	184.20636,	254.853058,	0.
5838,	184.20636,	249.496277,	0.
5839,	184.20636,	244.139481,	0.
5840,	184.20636,	238.7827,	0.
5841,	184.20636,	233.425903,	0.
5842,	184.20636,	228.069122,	0.
5843,	184.20636,	222.712326,	0.
5844,	189.351639,	297.707367,	0.
5845,	189.351639,	292.350586,	0.
5846,	189.351639,	286.993805,	0.
5847,	189.351639,	281.637024,	0.
5848,	189.351639,	276.280212,	0.
5849,	189.351639,	270.923431,	0.
5850,	189.351639,	265.56665,	0.
5851,	189.351639,	260.209839,	0.
5852,	189.351639,	254.853058,	0.
5853,	189.351639,	249.496277,	0.
5854,	189.351639,	244.139481,	0.
5855,	189.351639,	238.7827,	0.
5856,	189.351639,	233.425903,	0.
5857,	189.351639,	228.069122,	0.
5858,	189.351639,	222.712326,	0.
5859,	194.496933,	297.707367,	0.
5860,	194.496933,	292.350586,	0.
5861,	194.496933,	286.993805,	0.
5862,	194.496933,	281.637024,	0.
5863,	194.496933,	276.280212,	0.
5864,	194.496933,	270.923431,	0.
5865,	194.496933,	265.56665,	0.
5866,	194.496933,	260.209839,	0.
5867,	194.496933,	254.853058,	0.
5868,	194.496933,	249.496277,	0.
5869,	194.496933,	244.139481,	0.
5870,	194.496933,	238.7827,	0.
5871,	194.496933,	233.425903,	0.
5872,	194.496933,	228.069122,	0.
5873,	194.496933,	222.712326,	0.
5874,	199.642212,	297.707367,	0.
5875,	199.642212,	292.350586,	0.
5876,	199.642212,	286.993805,	0.
5877,	199.642212,	281.637024,	0.
5878,	199.642212,	276.280212,	0.
5879,	199.642212,	270.923431,	0.

5880,	199.642212,	265.56665,	0.
5881,	199.642212,	260.209839,	0.
5882,	199.642212,	254.853058,	0.
5883,	199.642212,	249.496277,	0.
5884,	199.642212,	244.139481,	0.
5885,	199.642212,	238.7827,	0.
5886,	199.642212,	233.425903,	0.
5887,	199.642212,	228.069122,	0.
5888,	199.642212,	222.712326,	0.
5889,	86.9578934,	297.707367,	0.
5890,	86.9578934,	292.350586,	0.
5891,	86.9578934,	286.993805,	0.
5892,	86.9578934,	281.637024,	0.
5893,	86.9578934,	276.280212,	0.
5894,	86.9578934,	270.923431,	0.
5895,	86.9578934,	265.56665,	0.
5896,	86.9578934,	260.209839,	0.
5897,	86.9578934,	254.853058,	0.
5898,	86.9578934,	249.496277,	0.
5899,	86.9578934,	244.139481,	0.
5900,	86.9578934,	238.7827,	0.
5901,	86.9578934,	233.425903,	0.
5902,	86.9578934,	228.069122,	0.
5903,	86.9578934,	222.712326,	0.
5904,	92.1031799,	297.707367,	0.
5905,	92.1031799,	292.350586,	0.
5906,	92.1031799,	286.993805,	0.
5907,	92.1031799,	281.637024,	0.
5908,	92.1031799,	276.280212,	0.
5909,	92.1031799,	270.923431,	0.
5910,	92.1031799,	265.56665,	0.
5911,	92.1031799,	260.209839,	0.
5912,	92.1031799,	254.853058,	0.
5913,	92.1031799,	249.496277,	0.
5914,	92.1031799,	244.139481,	0.
5915,	92.1031799,	238.7827,	0.
5916,	92.1031799,	233.425903,	0.
5917,	92.1031799,	228.069122,	0.
5918,	92.1031799,	222.712326,	0.
5919,	97.2484665,	297.707367,	0.
5920,	97.2484665,	292.350586,	0.
5921,	97.2484665,	286.993805,	0.
5922,	97.2484665,	281.637024,	0.
5923,	97.2484665,	276.280212,	0.
5924,	97.2484665,	270.923431,	0.
5925,	97.2484665,	265.56665,	0.

5926,	97.2484665,	260.209839,	0.
5927,	97.2484665,	254.853058,	0.
5928,	97.2484665,	249.496277,	0.
5929,	97.2484665,	244.139481,	0.
5930,	97.2484665,	238.7827,	0.
5931,	97.2484665,	233.425903,	0.
5932,	97.2484665,	228.069122,	0.
5933,	97.2484665,	222.712326,	0.
5934,	168.770493,	212.012177,	0.
5935,	168.770493,	206.668808,	0.
5936,	168.770493,	201.325455,	0.
5937,	168.770493,	195.982086,	0.
5938,	168.770493,	190.638718,	0.
5939,	168.770493,	185.295349,	0.
5940,	168.770493,	179.951996,	0.
5941,	168.770493,	174.608627,	0.
5942,	168.770493,	169.265259,	0.
5943,	168.770493,	163.921906,	0.
5944,	168.770493,	158.578537,	0.
5945,	168.770493,	153.235168,	0.
5946,	168.770493,	147.891815,	0.
5947,	168.770493,	142.548447,	0.
5948,	168.770493,	137.205078,	0.
5949,	173.915787,	212.012177,	0.
5950,	173.915787,	206.668808,	0.
5951,	173.915787,	201.325455,	0.
5952,	173.915787,	195.982086,	0.
5953,	173.915787,	190.638718,	0.
5954,	173.915787,	185.295349,	0.
5955,	173.915787,	179.951996,	0.
5956,	173.915787,	174.608627,	0.
5957,	173.915787,	169.265259,	0.
5958,	173.915787,	163.921906,	0.
5959,	173.915787,	158.578537,	0.
5960,	173.915787,	153.235168,	0.
5961,	173.915787,	147.891815,	0.
5962,	173.915787,	142.548447,	0.
5963,	173.915787,	137.205078,	0.
5964,	179.061066,	212.012177,	0.
5965,	179.061066,	206.668808,	0.
5966,	179.061066,	201.325455,	0.
5967,	179.061066,	195.982086,	0.
5968,	179.061066,	190.638718,	0.
5969,	179.061066,	185.295349,	0.
5970,	179.061066,	179.951996,	0.
5971,	179.061066,	174.608627,	0.

5972,	179.061066,	169.265259,	0.
5973,	179.061066,	163.921906,	0.
5974,	179.061066,	158.578537,	0.
5975,	179.061066,	153.235168,	0.
5976,	179.061066,	147.891815,	0.
5977,	179.061066,	142.548447,	0.
5978,	179.061066,	137.205078,	0.
5979,	184.20636,	212.012177,	0.
5980,	184.20636,	206.668808,	0.
5981,	184.20636,	201.325455,	0.
5982,	184.20636,	195.982086,	0.
5983,	184.20636,	190.638718,	0.
5984,	184.20636,	185.295349,	0.
5985,	184.20636,	179.951996,	0.
5986,	184.20636,	174.608627,	0.
5987,	184.20636,	169.265259,	0.
5988,	184.20636,	163.921906,	0.
5989,	184.20636,	158.578537,	0.
5990,	184.20636,	153.235168,	0.
5991,	184.20636,	147.891815,	0.
5992,	184.20636,	142.548447,	0.
5993,	184.20636,	137.205078,	0.
5994,	189.351639,	212.012177,	0.
5995,	189.351639,	206.668808,	0.
5996,	189.351639,	201.325455,	0.
5997,	189.351639,	195.982086,	0.
5998,	189.351639,	190.638718,	0.
5999,	189.351639,	185.295349,	0.
6000,	189.351639,	179.951996,	0.
6001,	189.351639,	174.608627,	0.
6002,	189.351639,	169.265259,	0.
6003,	189.351639,	163.921906,	0.
6004,	189.351639,	158.578537,	0.
6005,	189.351639,	153.235168,	0.
6006,	189.351639,	147.891815,	0.
6007,	189.351639,	142.548447,	0.
6008,	189.351639,	137.205078,	0.
6009,	194.496933,	212.012177,	0.
6010,	194.496933,	206.668808,	0.
6011,	194.496933,	201.325455,	0.
6012,	194.496933,	195.982086,	0.
6013,	194.496933,	190.638718,	0.
6014,	194.496933,	185.295349,	0.
6015,	194.496933,	179.951996,	0.
6016,	194.496933,	174.608627,	0.
6017,	194.496933,	169.265259,	0.

6018,	194.496933,	163.921906,	0.
6019,	194.496933,	158.578537,	0.
6020,	194.496933,	153.235168,	0.
6021,	194.496933,	147.891815,	0.
6022,	194.496933,	142.548447,	0.
6023,	194.496933,	137.205078,	0.
6024,	199.642212,	212.012177,	0.
6025,	199.642212,	206.668808,	0.
6026,	199.642212,	201.325455,	0.
6027,	199.642212,	195.982086,	0.
6028,	199.642212,	190.638718,	0.
6029,	199.642212,	185.295349,	0.
6030,	199.642212,	179.951996,	0.
6031,	199.642212,	174.608627,	0.
6032,	199.642212,	169.265259,	0.
6033,	199.642212,	163.921906,	0.
6034,	199.642212,	158.578537,	0.
6035,	199.642212,	153.235168,	0.
6036,	199.642212,	147.891815,	0.
6037,	199.642212,	142.548447,	0.
6038,	199.642212,	137.205078,	0.
6039,	86.9578934,	212.012177,	0.
6040,	86.9578934,	206.668808,	0.
6041,	86.9578934,	201.325455,	0.
6042,	86.9578934,	195.982086,	0.
6043,	86.9578934,	190.638718,	0.
6044,	86.9578934,	185.295349,	0.
6045,	86.9578934,	179.951996,	0.
6046,	86.9578934,	174.608627,	0.
6047,	86.9578934,	169.265259,	0.
6048,	86.9578934,	163.921906,	0.
6049,	86.9578934,	158.578537,	0.
6050,	86.9578934,	153.235168,	0.
6051,	86.9578934,	147.891815,	0.
6052,	86.9578934,	142.548447,	0.
6053,	86.9578934,	137.205078,	0.
6054,	92.1031799,	212.012177,	0.
6055,	92.1031799,	206.668808,	0.
6056,	92.1031799,	201.325455,	0.
6057,	92.1031799,	195.982086,	0.
6058,	92.1031799,	190.638718,	0.
6059,	92.1031799,	185.295349,	0.
6060,	92.1031799,	179.951996,	0.
6061,	92.1031799,	174.608627,	0.
6062,	92.1031799,	169.265259,	0.
6063,	92.1031799,	163.921906,	0.

6064,	92.1031799,	158.578537,	0.
6065,	92.1031799,	153.235168,	0.
6066,	92.1031799,	147.891815,	0.
6067,	92.1031799,	142.548447,	0.
6068,	92.1031799,	137.205078,	0.
6069,	97.2484665,	212.012177,	0.
6070,	97.2484665,	206.668808,	0.
6071,	97.2484665,	201.325455,	0.
6072,	97.2484665,	195.982086,	0.
6073,	97.2484665,	190.638718,	0.
6074,	97.2484665,	185.295349,	0.
6075,	97.2484665,	179.951996,	0.
6076,	97.2484665,	174.608627,	0.
6077,	97.2484665,	169.265259,	0.
6078,	97.2484665,	163.921906,	0.
6079,	97.2484665,	158.578537,	0.
6080,	97.2484665,	153.235168,	0.
6081,	97.2484665,	147.891815,	0.
6082,	97.2484665,	142.548447,	0.
6083,	97.2484665,	137.205078,	0.
6084,	168.770493,	126.491501,	0.
6085,	168.770493,	121.121292,	0.
6086,	168.770493,	115.751076,	0.
6087,	168.770493,	110.380859,	0.
6088,	168.770493,	105.010643,	0.
6089,	168.770493,	99.6404266,	0.
6090,	168.770493,	94.2702179,	0.
6091,	173.915787,	126.491501,	0.
6092,	173.915787,	121.121292,	0.
6093,	173.915787,	115.751076,	0.
6094,	173.915787,	110.380859,	0.
6095,	173.915787,	105.010643,	0.
6096,	173.915787,	99.6404266,	0.
6097,	173.915787,	94.2702179,	0.
6098,	179.061066,	126.491501,	0.
6099,	179.061066,	121.121292,	0.
6100,	179.061066,	115.751076,	0.
6101,	179.061066,	110.380859,	0.
6102,	179.061066,	105.010643,	0.
6103,	179.061066,	99.6404266,	0.
6104,	179.061066,	94.2702179,	0.
6105,	184.20636,	126.491501,	0.
6106,	184.20636,	121.121292,	0.
6107,	184.20636,	115.751076,	0.
6108,	184.20636,	110.380859,	0.
6109,	184.20636,	105.010643,	0.

6110,	184.20636,	99.6404266,	0.
6111,	184.20636,	94.2702179,	0.
6112,	189.351639,	126.491501,	0.
6113,	189.351639,	121.121292,	0.
6114,	189.351639,	115.751076,	0.
6115,	189.351639,	110.380859,	0.
6116,	189.351639,	105.010643,	0.
6117,	189.351639,	99.6404266,	0.
6118,	189.351639,	94.2702179,	0.
6119,	194.496933,	126.491501,	0.
6120,	194.496933,	121.121292,	0.
6121,	194.496933,	115.751076,	0.
6122,	194.496933,	110.380859,	0.
6123,	194.496933,	105.010643,	0.
6124,	194.496933,	99.6404266,	0.
6125,	194.496933,	94.2702179,	0.
6126,	199.642212,	126.491501,	0.
6127,	199.642212,	121.121292,	0.
6128,	199.642212,	115.751076,	0.
6129,	199.642212,	110.380859,	0.
6130,	199.642212,	105.010643,	0.
6131,	199.642212,	99.6404266,	0.
6132,	199.642212,	94.2702179,	0.
6133,	86.9578934,	126.491501,	0.
6134,	86.9578934,	121.121292,	0.
6135,	86.9578934,	115.751076,	0.
6136,	86.9578934,	110.380859,	0.
6137,	86.9578934,	105.010643,	0.
6138,	86.9578934,	99.6404266,	0.
6139,	86.9578934,	94.2702179,	0.
6140,	92.1031799,	126.491501,	0.
6141,	92.1031799,	121.121292,	0.
6142,	92.1031799,	115.751076,	0.
6143,	92.1031799,	110.380859,	0.
6144,	92.1031799,	105.010643,	0.
6145,	92.1031799,	99.6404266,	0.
6146,	92.1031799,	94.2702179,	0.
6147,	97.2484665,	126.491501,	0.
6148,	97.2484665,	121.121292,	0.
6149,	97.2484665,	115.751076,	0.
6150,	97.2484665,	110.380859,	0.
6151,	97.2484665,	105.010643,	0.
6152,	97.2484665,	99.6404266,	0.
6153,	97.2484665,	94.2702179,	0.
6154,	168.770493,	82.5500031,	0.
6155,	168.770493,	76.1999969,	0.

6156,	168.770493,	69.8499985,	0.
6157,	173.915787,	82.5500031,	0.
6158,	173.915787,	76.1999969,	0.
6159,	173.915787,	69.8499985,	0.
6160,	179.061066,	82.5500031,	0.
6161,	179.061066,	76.1999969,	0.
6162,	179.061066,	69.8499985,	0.
6163,	184.20636,	82.5500031,	0.
6164,	184.20636,	76.1999969,	0.
6165,	184.20636,	69.8499985,	0.
6166,	189.351639,	82.5500031,	0.
6167,	189.351639,	76.1999969,	0.
6168,	189.351639,	69.8499985,	0.
6169,	194.496933,	82.5500031,	0.
6170,	194.496933,	76.1999969,	0.
6171,	194.496933,	69.8499985,	0.
6172,	199.642212,	82.5500031,	0.
6173,	199.642212,	76.1999969,	0.
6174,	199.642212,	69.8499985,	0.
6175,	107.513435,	58.2083321,	0.
6176,	107.513435,	52.9166679,	0.
6177,	107.513435,	47.625,	0.
6178,	107.513435,	42.3333321,	0.
6179,	107.513435,	37.0416679,	0.
6180,	107.513435,	31.75,	0.
6181,	107.513435,	26.458334,	0.
6182,	107.513435,	21.166666,	0.
6183,	107.513435,	15.875,	0.
6184,	107.513435,	10.583333,	0.
6185,	107.513435,	5.29166651,	0.
6186,	112.633125,	58.2083321,	0.
6187,	112.633125,	52.9166679,	0.
6188,	112.633125,	47.625,	0.
6189,	112.633125,	42.3333321,	0.
6190,	112.633125,	37.0416679,	0.
6191,	112.633125,	31.75,	0.
6192,	112.633125,	26.458334,	0.
6193,	112.633125,	21.166666,	0.
6194,	112.633125,	15.875,	0.
6195,	112.633125,	10.583333,	0.
6196,	112.633125,	5.29166651,	0.
6197,	117.752815,	58.2083321,	0.
6198,	117.752815,	52.9166679,	0.
6199,	117.752815,	47.625,	0.
6200,	117.752815,	42.3333321,	0.
6201,	117.752815,	37.0416679,	0.

6202,	117.752815,	31.75,	0.
6203,	117.752815,	26.458334,	0.
6204,	117.752815,	21.166666,	0.
6205,	117.752815,	15.875,	0.
6206,	117.752815,	10.583333,	0.
6207,	117.752815,	5.29166651,	0.
6208,	122.872498,	58.2083321,	0.
6209,	122.872498,	52.9166679,	0.
6210,	122.872498,	47.625,	0.
6211,	122.872498,	42.3333321,	0.
6212,	122.872498,	37.0416679,	0.
6213,	122.872498,	31.75,	0.
6214,	122.872498,	26.458334,	0.
6215,	122.872498,	21.166666,	0.
6216,	122.872498,	15.875,	0.
6217,	122.872498,	10.583333,	0.
6218,	122.872498,	5.29166651,	0.
6219,	127.992188,	58.2083321,	0.
6220,	127.992188,	52.9166679,	0.
6221,	127.992188,	47.625,	0.
6222,	127.992188,	42.3333321,	0.
6223,	127.992188,	37.0416679,	0.
6224,	127.992188,	31.75,	0.
6225,	127.992188,	26.458334,	0.
6226,	127.992188,	21.166666,	0.
6227,	127.992188,	15.875,	0.
6228,	127.992188,	10.583333,	0.
6229,	127.992188,	5.29166651,	0.
6230,	133.111877,	58.2083321,	0.
6231,	133.111877,	52.9166679,	0.
6232,	133.111877,	47.625,	0.
6233,	133.111877,	42.3333321,	0.
6234,	133.111877,	37.0416679,	0.
6235,	133.111877,	31.75,	0.
6236,	133.111877,	26.458334,	0.
6237,	133.111877,	21.166666,	0.
6238,	133.111877,	15.875,	0.
6239,	133.111877,	10.583333,	0.
6240,	133.111877,	5.29166651,	0.
6241,	138.231567,	58.2083321,	0.
6242,	138.231567,	52.9166679,	0.
6243,	138.231567,	47.625,	0.
6244,	138.231567,	42.3333321,	0.
6245,	138.231567,	37.0416679,	0.
6246,	138.231567,	31.75,	0.
6247,	138.231567,	26.458334,	0.

6248,	138.231567,	21.166666,	0.
6249,	138.231567,	15.875,	0.
6250,	138.231567,	10.583333,	0.
6251,	138.231567,	5.29166651,	0.
6252,	143.351257,	58.2083321,	0.
6253,	143.351257,	52.9166679,	0.
6254,	143.351257,	47.625,	0.
6255,	143.351257,	42.3333321,	0.
6256,	143.351257,	37.0416679,	0.
6257,	143.351257,	31.75,	0.
6258,	143.351257,	26.458334,	0.
6259,	143.351257,	21.166666,	0.
6260,	143.351257,	15.875,	0.
6261,	143.351257,	10.583333,	0.
6262,	143.351257,	5.29166651,	0.
6263,	148.424011,	58.2083321,	0.
6264,	148.428268,	52.9166679,	0.
6265,	148.432541,	47.625,	0.
6266,	148.436813,	42.3333321,	0.
6267,	148.441071,	37.0416679,	0.
6268,	148.445343,	31.75,	0.
6269,	148.4496,	26.458334,	0.
6270,	148.453873,	21.166666,	0.
6271,	148.458145,	15.875,	0.
6272,	148.462402,	10.583333,	0.
6273,	148.466675,	5.29166651,	0.
6274,	153.496765,	58.2083321,	0.
6275,	153.505295,	52.9166679,	0.
6276,	153.513824,	47.625,	0.
6277,	153.522369,	42.3333321,	0.
6278,	153.530899,	37.0416679,	0.
6279,	153.539429,	31.75,	0.
6280,	153.547958,	26.458334,	0.
6281,	153.556488,	21.166666,	0.
6282,	153.565033,	15.875,	0.
6283,	153.573563,	10.583333,	0.
6284,	153.582092,	5.29166651,	0.
6285,	158.569519,	58.2083321,	0.
6286,	158.582321,	52.9166679,	0.
6287,	158.595123,	47.625,	0.
6288,	158.607925,	42.3333321,	0.
6289,	158.620712,	37.0416679,	0.
6290,	158.633514,	31.75,	0.
6291,	158.646317,	26.458334,	0.
6292,	158.659119,	21.166666,	0.
6293,	158.671921,	15.875,	0.

6294,	158.684708,	10.583333,	0.
6295,	158.69751,	5.29166651,	0.
6296,	163.642273,	58.2083321,	0.
6297,	163.659348,	52.9166679,	0.
6298,	163.676407,	47.625,	0.
6299,	163.693481,	42.3333321,	0.
6300,	163.710541,	37.0416679,	0.
6301,	163.7276,	31.75,	0.
6302,	163.744675,	26.458334,	0.
6303,	163.761734,	21.166666,	0.
6304,	163.778809,	15.875,	0.
6305,	163.795868,	10.583333,	0.
6306,	163.812927,	5.29166651,	0.
6307,	168.785431,	58.2083321,	0.
6308,	168.800369,	52.9166679,	0.
6309,	168.815292,	47.625,	0.
6310,	168.830231,	42.3333321,	0.
6311,	168.845154,	37.0416679,	0.
6312,	168.860092,	31.75,	0.
6313,	168.875031,	26.458334,	0.
6314,	168.889954,	21.166666,	0.
6315,	168.904892,	15.875,	0.
6316,	168.919815,	10.583333,	0.
6317,	168.934753,	5.29166651,	0.
6318,	173.928589,	58.2083321,	0.
6319,	173.941376,	52.9166679,	0.
6320,	173.954178,	47.625,	0.
6321,	173.96698,	42.3333321,	0.
6322,	173.979782,	37.0416679,	0.
6323,	173.992584,	31.75,	0.
6324,	174.005386,	26.458334,	0.
6325,	174.018173,	21.166666,	0.
6326,	174.030975,	15.875,	0.
6327,	174.043777,	10.583333,	0.
6328,	174.05658,	5.29166651,	0.
6329,	179.071732,	58.2083321,	0.
6330,	179.082397,	52.9166679,	0.
6331,	179.093063,	47.625,	0.
6332,	179.103729,	42.3333321,	0.
6333,	179.114395,	37.0416679,	0.
6334,	179.125061,	31.75,	0.
6335,	179.135727,	26.458334,	0.
6336,	179.146393,	21.166666,	0.
6337,	179.157059,	15.875,	0.
6338,	179.167725,	10.583333,	0.
6339,	179.178391,	5.29166651,	0.

6340,	184.21489,	58.2083321,	0.
6341,	184.223419,	52.9166679,	0.
6342,	184.231949,	47.625,	0.
6343,	184.240494,	42.3333321,	0.
6344,	184.249023,	37.0416679,	0.
6345,	184.257553,	31.75,	0.
6346,	184.266083,	26.458334,	0.
6347,	184.274612,	21.166666,	0.
6348,	184.283157,	15.875,	0.
6349,	184.291687,	10.583333,	0.
6350,	184.300217,	5.29166651,	0.
6351,	189.358047,	58.2083321,	0.
6352,	189.364441,	52.9166679,	0.
6353,	189.370834,	47.625,	0.
6354,	189.377243,	42.3333321,	0.
6355,	189.383636,	37.0416679,	0.
6356,	189.390045,	31.75,	0.
6357,	189.396439,	26.458334,	0.
6358,	189.402832,	21.166666,	0.
6359,	189.409241,	15.875,	0.
6360,	189.415634,	10.583333,	0.
6361,	189.422043,	5.29166651,	0.
6362,	194.50119,	58.2083321,	0.
6363,	194.505463,	52.9166679,	0.
6364,	194.50972,	47.625,	0.
6365,	194.513992,	42.3333321,	0.
6366,	194.518265,	37.0416679,	0.
6367,	194.522522,	31.75,	0.
6368,	194.526794,	26.458334,	0.
6369,	194.531067,	21.166666,	0.
6370,	194.535324,	15.875,	0.
6371,	194.539597,	10.583333,	0.
6372,	194.543854,	5.29166651,	0.
6373,	199.644348,	58.2083321,	0.
6374,	199.646484,	52.9166679,	0.
6375,	199.648621,	47.625,	0.
6376,	199.650742,	42.3333321,	0.
6377,	199.652878,	37.0416679,	0.
6378,	199.655014,	31.75,	0.
6379,	199.65715,	26.458334,	0.
6380,	199.659286,	21.166666,	0.
6381,	199.661407,	15.875,	0.
6382,	199.663544,	10.583333,	0.
6383,	199.66568,	5.29166651,	0.
6384,	86.9578934,	82.5500031,	0.
6385,	86.9578934,	76.1999969,	0.

6386,	86.9578934,	69.8499985,	0.
6387,	92.1031799,	82.5500031,	0.
6388,	92.1031799,	76.1999969,	0.
6389,	92.1031799,	69.8499985,	0.
6390,	97.2484665,	82.5500031,	0.
6391,	97.2484665,	76.1999969,	0.
6392,	97.2484665,	69.8499985,	0.
6393,	5.11968756,	58.2083321,	0.
6394,	5.11968756,	52.9166679,	0.
6395,	5.11968756,	47.625,	0.
6396,	5.11968756,	42.3333321,	0.
6397,	5.11968756,	37.0416679,	0.
6398,	5.11968756,	31.75,	0.
6399,	5.11968756,	26.458334,	0.
6400,	5.11968756,	21.166666,	0.
6401,	5.11968756,	15.875,	0.
6402,	5.11968756,	10.583333,	0.
6403,	5.11968756,	5.29166651,	0.
6404,	10.2393751,	58.2083321,	0.
6405,	10.2393751,	52.9166679,	0.
6406,	10.2393751,	47.625,	0.
6407,	10.2393751,	42.3333321,	0.
6408,	10.2393751,	37.0416679,	0.
6409,	10.2393751,	31.75,	0.
6410,	10.2393751,	26.458334,	0.
6411,	10.2393751,	21.166666,	0.
6412,	10.2393751,	15.875,	0.
6413,	10.2393751,	10.583333,	0.
6414,	10.2393751,	5.29166651,	0.
6415,	15.3590622,	58.2083321,	0.
6416,	15.3590622,	52.9166679,	0.
6417,	15.3590622,	47.625,	0.
6418,	15.3590622,	42.3333321,	0.
6419,	15.3590622,	37.0416679,	0.
6420,	15.3590622,	31.75,	0.
6421,	15.3590622,	26.458334,	0.
6422,	15.3590622,	21.166666,	0.
6423,	15.3590622,	15.875,	0.
6424,	15.3590622,	10.583333,	0.
6425,	15.3590622,	5.29166651,	0.
6426,	20.4787502,	58.2083321,	0.
6427,	20.4787502,	52.9166679,	0.
6428,	20.4787502,	47.625,	0.
6429,	20.4787502,	42.3333321,	0.
6430,	20.4787502,	37.0416679,	0.
6431,	20.4787502,	31.75,	0.

6432,	20.4787502,	26.458334,	0.
6433,	20.4787502,	21.166666,	0.
6434,	20.4787502,	15.875,	0.
6435,	20.4787502,	10.583333,	0.
6436,	20.4787502,	5.29166651,	0.
6437,	25.5984383,	58.2083321,	0.
6438,	25.5984383,	52.9166679,	0.
6439,	25.5984383,	47.625,	0.
6440,	25.5984383,	42.3333321,	0.
6441,	25.5984383,	37.0416679,	0.
6442,	25.5984383,	31.75,	0.
6443,	25.5984383,	26.458334,	0.
6444,	25.5984383,	21.166666,	0.
6445,	25.5984383,	15.875,	0.
6446,	25.5984383,	10.583333,	0.
6447,	25.5984383,	5.29166651,	0.
6448,	30.7181244,	58.2083321,	0.
6449,	30.7181244,	52.9166679,	0.
6450,	30.7181244,	47.625,	0.
6451,	30.7181244,	42.3333321,	0.
6452,	30.7181244,	37.0416679,	0.
6453,	30.7181244,	31.75,	0.
6454,	30.7181244,	26.458334,	0.
6455,	30.7181244,	21.166666,	0.
6456,	30.7181244,	15.875,	0.
6457,	30.7181244,	10.583333,	0.
6458,	30.7181244,	5.29166651,	0.
6459,	35.8378143,	58.2083321,	0.
6460,	35.8378143,	52.9166679,	0.
6461,	35.8378143,	47.625,	0.
6462,	35.8378143,	42.3333321,	0.
6463,	35.8378143,	37.0416679,	0.
6464,	35.8378143,	31.75,	0.
6465,	35.8378143,	26.458334,	0.
6466,	35.8378143,	21.166666,	0.
6467,	35.8378143,	15.875,	0.
6468,	35.8378143,	10.583333,	0.
6469,	35.8378143,	5.29166651,	0.
6470,	40.9575005,	58.2083321,	0.
6471,	40.9575005,	52.9166679,	0.
6472,	40.9575005,	47.625,	0.
6473,	40.9575005,	42.3333321,	0.
6474,	40.9575005,	37.0416679,	0.
6475,	40.9575005,	31.75,	0.
6476,	40.9575005,	26.458334,	0.
6477,	40.9575005,	21.166666,	0.

6478,	40.9575005,	15.875,	0.
6479,	40.9575005,	10.5833333,	0.
6480,	40.9575005,	5.29166651,	0.
6481,	46.0302582,	58.2083321,	0.
6482,	46.034523,	52.9166679,	0.
6483,	46.0387917,	47.625,	0.
6484,	46.0430565,	42.3333321,	0.
6485,	46.0473213,	37.0416679,	0.
6486,	46.05159,	31.75,	0.
6487,	46.0558548,	26.458334,	0.
6488,	46.0601234,	21.166666,	0.
6489,	46.0643883,	15.875,	0.
6490,	46.0686531,	10.5833333,	0.
6491,	46.0729218,	5.29166651,	0.
6492,	51.1030159,	58.2083321,	0.
6493,	51.1115456,	52.9166679,	0.
6494,	51.120079,	47.625,	0.
6495,	51.1286125,	42.3333321,	0.
6496,	51.137146,	37.0416679,	0.
6497,	51.1456795,	31.75,	0.
6498,	51.1542091,	26.458334,	0.
6499,	51.1627426,	21.166666,	0.
6500,	51.1712761,	15.875,	0.
6501,	51.1798096,	10.5833333,	0.
6502,	51.188343,	5.29166651,	0.
6503,	56.1757698,	58.2083321,	0.
6504,	56.1885719,	52.9166679,	0.
6505,	56.2013702,	47.625,	0.
6506,	56.2141685,	42.3333321,	0.
6507,	56.2269669,	37.0416679,	0.
6508,	56.239769,	31.75,	0.
6509,	56.2525673,	26.458334,	0.
6510,	56.2653656,	21.166666,	0.
6511,	56.2781639,	15.875,	0.
6512,	56.2909622,	10.5833333,	0.
6513,	56.3037643,	5.29166651,	0.
6514,	61.2485275,	58.2083321,	0.
6515,	61.2655945,	52.9166679,	0.
6516,	61.2826576,	47.625,	0.
6517,	61.2997246,	42.3333321,	0.
6518,	61.3167915,	37.0416679,	0.
6519,	61.3338547,	31.75,	0.
6520,	61.3509216,	26.458334,	0.
6521,	61.3679886,	21.166666,	0.
6522,	61.3850517,	15.875,	0.
6523,	61.4021187,	10.5833333,	0.

6524,	61.4191856,	5.29166651,	0.
6525,	66.3916779,	58.2083321,	0.
6526,	66.4066162,	52.9166679,	0.
6527,	66.4215469,	47.625,	0.
6528,	66.4364777,	42.3333321,	0.
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*Surface, type=ELEMENT, name=HF_25_No_5
_HF_25_No_5_SPOS, SPOS

*Elset, elset=_HF_111_No_1_SPOS, internal, instance=Part-1-1

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2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608

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*Surface, type=ELEMENT, name=HF_111_No_1
_HF_111_No_1_SPOS, SPOS

*Elset, elset=_HF_111_No_2_SPOS, internal, instance=Part-1-1

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113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128

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*Surface, type=ELEMENT, name=HF_111_No_2
_HF_111_No_2_SPOS, SPOS

*Elset, elset=_HF_111_No_3_SPOS, internal, instance=Part-1-1

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*Surface, type=ELEMENT, name=HF_111_No_3
_HF_111_No_3_SPOS, SPOS

*Elset, elset=_HF_196_No_1_SPOS, internal, instance=Part-1-1, generate

2961, 3088, 1
*Surface, type=ELEMENT, name=HF_196_No_1
_HF_196_No_1_SPOS, SPOS
*Elset, elset=_HF_196_No_2_SPOS, internal, instance=Part-1-1, generate
2449, 2576, 1
*Surface, type=ELEMENT, name=HF_196_No_2
_HF_196_No_2_SPOS, SPOS
*Elset, elset=_HF_196_No_3_SPOS, internal, instance=Part-1-1
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5584
*Surface, type=ELEMENT, name=HF_196_No_3
_HF_196_No_3_SPOS, SPOS
*Elset, elset=_HF_196_No_4_SPOS, internal, instance=Part-1-1, generate
673, 800, 1
*Surface, type=ELEMENT, name=HF_196_No_4
_HF_196_No_4_SPOS, SPOS
*Elset, elset=_HF_196_No_5_SPOS, internal, instance=Part-1-1, generate
5393, 5520, 1
*Surface, type=ELEMENT, name=HF_196_No_5
_HF_196_No_5_SPOS, SPOS
*Elset, elset=_HF_282_No_1_SPOS, internal, instance=Part-1-1
2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399,
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3216

*Surface, type=ELEMENT, name=HF_282_No_1
_HF_282_No_1_SPOS, SPOS

*Elset, elset=_HF_282_No_2_SPOS, internal, instance=Part-1-1

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5392

*Surface, type=ELEMENT, name=HF_282_No_2
_HF_282_No_2_SPOS, SPOS

*Elset, elset=_HF_282_No_3_SPOS, internal, instance=Part-1-1

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5313, 5314, 5315, 5316, 5317, 5318, 5319, 5320, 5321, 5322, 5323, 5324, 5325, 5326, 5327,
5328
*Surface, type=ELEMENT, name=HF_282_No_3
_HF_282_No_3_SPOS, SPOS
*Elset, elset=_HF_368_No_1_SPOS, internal, instance=Part-1-1, generate
3217, 3344, 1
*Surface, type=ELEMENT, name=HF_368_No_1
_HF_368_No_1_SPOS, SPOS
*Elset, elset=_HF_368_No_2_SPOS, internal, instance=Part-1-1, generate
2257, 2384, 1
*Surface, type=ELEMENT, name=HF_368_No_2
_HF_368_No_2_SPOS, SPOS
*Elset, elset=_HF_368_No_3_SPOS, internal, instance=Part-1-1
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5185, 5186, 5187, 5188, 5189, 5190, 5191, 5192, 5193, 5194, 5195, 5196, 5197, 5198, 5199,
5200
*Surface, type=ELEMENT, name=HF_368_No_3

HF_368_No_3_SPOS, SPOS

*Elset, elset=HF_368_No_4_SPOS, internal, instance=Part-1-1, generate
865, 992, 1

*Surface, type=ELEMENT, name=HF_368_No_4

HF_368_No_4_SPOS, SPOS

*Elset, elset=HF_368_No_5_SPOS, internal, instance=Part-1-1

5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023,
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5168

*Surface, type=ELEMENT, name=HF_368_No_5

HF_368_No_5_SPOS, SPOS

*Elset, elset=HF_454_No_1_SPOS, internal, instance=Part-1-1

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*Surface, type=ELEMENT, name=HF_454_No_1
_HF_454_No_1_SPOS, SPOS

*Elset, elset=_HF_454_No_2_SPOS, internal, instance=Part-1-1

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993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008

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*Surface, type=ELEMENT, name=HF_454_No_2
_HF_454_No_2_SPOS, SPOS

*Elset, elset=_HF_454_No_3_SPOS, internal, instance=Part-1-1

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289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304

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*Elset, elset=_Back_Surface_SNEG, internal, instance=Part-1-1

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*Surface, type=ELEMENT, name=Back_Surface
_Back_Surface_SNEG, SNEG

*Elset, elset=__PickedSurf56_E3, internal, instance=Part-1-1

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*Surface, type=ELEMENT, name=_PickedSurf56, internal
__PickedSurf56_E3, E3

*Elset, elset=_Load_Surface_E3, internal, instance=Part-1-1

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*Surface, type=ELEMENT, name=Load_Surface
_Load_Surface_E3, E3

*End Assembly

*Amplitude, name=Amp-1, definition=SMOOTH STEP

0., 0., 1., 1.

**

** MATERIALS

**

*Material, name="Aluminum 5083"

*Conductivity

120., 20.

128., 100.

130., 175.

135., 225.

142., 400.

*Creep, law=TIME

2.12e-12, 2.14, -0.65, 33.4

3.73e-10, 2.14, -0.62, 50.

1.04e-09, 2.14, -0.56, 100.

3.2e-09, 2.11, -0.5, 150.

7.67e-09, 2.14, -0.44, 200.

2.44e-08, 2.11, -0.39, 250.

8.94e-08, 2.03, -0.33, 300.
1.02e-07, 2.11, -0.3, 325.
1.65e-07, 2.11, -0.27, 350.
3.74e-07, 2.02, -0.23, 375.
6.03e-07, 2.02, -0.2, 400.

*Plastic

150.62, 0., 23.
171.69, 0.000162, 23.
190.3, 0.000894, 23.
209.91, 0.00214, 23.
230.32, 0.004463, 23.
250.15, 0.008359, 23.
270.08, 0.015288, 23.
290.22, 0.025768, 23.
311.06, 0.041018, 23.
320.15, 0.052512, 23.
329.04, 0.076142, 23.
138.7, 0., 100.
150.04, 0.00025, 100.
160.84, 0.00034, 100.
171.05, 0.00047, 100.
180.92, 0.00063, 100.
189.88, 0.00083, 100.
199.74, 0.00112, 100.
209.95, 0.00152, 100.
218.95, 0.002, 100.
228.68, 0.00269, 100.
238.7, 0.00364, 100.
248.32, 0.00488, 100.
257.6, 0.00642, 100.
266.95, 0.00847, 100.
276.07, 0.01097, 100.
284.99, 0.01387, 100.
293.76, 0.01742, 100.
302.3, 0.02136, 100.
310.71, 0.02584, 100.
318.76, 0.03077, 100.
326.58, 0.0358, 100.
334.32, 0.04105, 100.
342.23, 0.04616, 100.
139.36, 0., 150.
149.22, 0.00061, 150.
158.74, 0.00074, 150.
169.87, 0.00075, 150.
178.37, 0.00094, 150.
190.07, 0.00132, 150.

200.47, 0.00178, 150.
209.46, 0.00234, 150.
218.66, 0.00297, 150.
229.41, 0.00418, 150.
238.67, 0.00522, 150.
247.85, 0.00678, 150.
256.93, 0.00897, 150.
266.05, 0.01195, 150.
275.03, 0.01588, 150.
282.94, 0.02061, 150.
291., 0.02664, 150.
298.35, 0.03404, 150.
305.29, 0.04271, 150.
311.4, 0.05341, 150.
139.45, 0., 200.
149.95, 0.0001, 200.
160.29, 0.00018, 200.
170.35, 0.00028, 200.
181.74, 0.00048, 200.
190.89, 0.00072, 200.
200.52, 0.00113, 200.
210.1, 0.00182, 200.
220.82, 0.00321, 200.
230.55, 0.0058, 200.
240.21, 0.0122, 200.
248.12, 0.07361, 200.
90.76, 0., 220.
101.49, 0.00016, 220.
110.39, 0.00024, 220.
120.34, 0.00035, 220.
130.64, 0.00048, 220.
140.42, 0.00065, 220.
150.78, 0.00088, 220.
161.34, 0.00121, 220.
171.21, 0.00168, 220.
181.26, 0.00268, 220.
193.01, 0.01207, 220.
70.22, 0., 240.
80.44, 0.00015, 240.
91.17, 0.00027, 240.
100.34, 0.00042, 240.
111.26, 0.00062, 240.
120.89, 0.00085, 240.
131.2, 0.00119, 240.
141.25, 0.00165, 240.
150.96, 0.00239, 240.

161.16, 0.00403, 240.
173.28, 0.01535, 240.
181.95, 0.03325, 240.
41.22, 0., 260.
50.83, 0.00015, 260.
60.42, 0.00033, 260.
69.18, 0.00054, 260.
80.64, 0.00098, 260.
90.58, 0.00156, 260.
100.65, 0.00255, 260.
110.97, 0.00477, 260.
121.93, 0.01328, 260.
134.54, 0.02955, 260.
147.75, 0.05024, 260.
155.91, 0.06784, 260.
29.92, 0., 320.
40.32, 0.00013, 320.
49.93, 0.00035, 320.
59.98, 0.00081, 320.
64.87, 0.00144, 320.
66.21, 0.00356, 320.
20.54, 0., 340.
30.15, 4e-05, 340.
40.07, 0.0002, 340.
50.08, 0.00044, 340.
59.96, 0.00123, 340.
20.75, 0., 360.
30.29, 6e-05, 360.
40.62, 0.00026, 360.
49.95, 0.00083, 360.

*Density

2.66e-09,

*Elastic

70000., 0.3, 23.
68900., 0.3, 100.
65300., 0.3, 150.
58100., 0.3, 200.
55200., 0.3, 220.
52100., 0.3, 240.
46600., 0.3, 260.
43300., 0.3, 300.
40700., 0.3, 320.
38500., 0.3, 340.
36900., 0.3, 360.
30000., 0.3, 400.

*Expansion

2.4e-05, 20.
2.41e-05, 30.
2.41e-05, 40.
2.42e-05, 50.
2.42e-05, 60.
2.43e-05, 70.
2.43e-05, 80.
2.44e-05, 90.
2.44e-05, 100.
2.45e-05, 110.
2.45e-05, 120.
2.46e-05, 130.
2.46e-05, 140.
2.47e-05, 150.
2.47e-05, 160.
2.48e-05, 170.
2.49e-05, 180.
2.5e-05, 190.
2.51e-05, 200.
2.52e-05, 210.
2.53e-05, 220.
2.54e-05, 230.
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2.58e-05, 270.
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2.6e-05, 290.
2.61e-05, 300.
2.62e-05, 310.
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2.64e-05, 330.
2.65e-05, 340.
2.66e-05, 350.
2.67e-05, 360.
2.68e-05, 370.
2.69e-05, 380.
2.7e-05, 390.
2.71e-05, 400.
2.72e-05, 410.
2.74e-05, 420.
2.75e-05, 430.
2.76e-05, 440.
2.77e-05, 450.
2.78e-05, 460.
2.79e-05, 470.

2.8e-05,480.
2.81e-05,490.
2.82e-05,500.
2.83e-05,510.
2.84e-05,520.
2.85e-05,530.
2.86e-05,540.
2.87e-05,550.
2.88e-05,560.
2.89e-05,570.
2.9e-05,580.
2.91e-05,590.
2.92e-05,600.
*Specific Heat
9e+08, 2.5
9.01e+08, 48.7
9.16e+08, 59.4
9.26e+08, 73.7
9.36e+08, 82.6
9.51e+08, 98.7
9.59e+08, 120.
9.71e+08, 136.
9.79e+08, 159.
9.86e+08, 181.
9.91e+08, 198.
9.99e+08, 216.
1e+09, 232.
1.01e+09, 256.
1.01e+09, 277.
1.02e+09, 293.
1.03e+09, 316.
1.03e+09, 341.
1.04e+09, 368.
1.05e+09, 396.
1.05e+09, 416.
1.07e+09, 439.
1.08e+09, 457.
1.09e+09, 475.
1.11e+09, 496.
1.12e+09, 507.
1.13e+09, 525.
1.14e+09, 541.

**

** BOUNDARY CONDITIONS

**

** Name: X_zero Type: Displacement/Rotation

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*Boundary
_PickedSet44, 1, 1
** Name: Y_zero Type: Displacement/Rotation
*Boundary
_PickedSet45, 2, 2
** Name: Z_zero Type: Displacement/Rotation
*Boundary
_PickedSet43, 3, 3
** -----
**
*PHYSICAL CONSTANT,ABSOLUTE ZERO=-273.15,STEFAN BOLTZMANN=5.67E-11
*Imperfection, file=NM2_Shell_8mm_Buckle_5int, step=1
1, 1.5
**
** Name: Predefined Field-1 Type: Temperature
*Initial Conditions, type=TEMPERATURE
Whole_Section, 34.6, 34.6, 34.6, 34.6, 34.6
** -----
**
** STEP: Step-1
**
*Step, name=Step-1, nlgeom=YES, inc=100000
*Coupled Temperature-Displacement, creep=explicit, deltmx=100., cetol=100.
1., 5000., 1e-3, 10.
**
*SRADIATE
Back_Surface,R,16,0.2
Front_Surface,R,16,0.95
*SFILM
Back_Surface,F,16,0.005
Front_Surface,F,16,0.015
**
** LOADS
**
** Name: HF_25_No_1 Type: Surface heat flux
*Dflux
HF_25_No_1, S, 23.3738
** Name: HF_25_No_2 Type: Surface heat flux
*Dflux
HF_25_No_2, S, 28.4354
** Name: HF_25_No_3 Type: Surface heat flux
*Dflux
HF_25_No_3, S, 28.7470
** Name: HF_25_No_4 Type: Surface heat flux
*Dflux
HF_25_No_4, S, 26.8318

```

** Name: HF_25_No_5 Type: Surface heat flux
*Dsflux
HF_25_No_5, S, 24.7456
** Name: HF_111_No_1 Type: Surface heat flux
*Dsflux
HF_111_No_1, S, 29.6286
** Name: HF_111_No_2 Type: Surface heat flux
*Dsflux
HF_111_No_2, S, 36.8790
** Name: HF_111_No_3 Type: Surface heat flux
*Dsflux
HF_111_No_3, S, 31.9352
** Name: HF_196_No_1 Type: Surface heat flux
*Dsflux
HF_196_No_1, S, 30.6204
** Name: HF_196_No_2 Type: Surface heat flux
*Dsflux
HF_196_No_2, S, 36.0582
** Name: HF_196_No_3 Type: Surface heat flux
*Dsflux
HF_196_No_3, S, 37.2058
** Name: HF_196_No_4 Type: Surface heat flux
*Dsflux
HF_196_No_4, S, 36.4116
** Name: HF_196_No_5 Type: Surface heat flux
*Dsflux
HF_196_No_5, S, 31.7794
** Name: HF_282_No_1 Type: Surface heat flux
*Dsflux
HF_282_No_1, S, 30.3962
** Name: HF_282_No_2 Type: Surface heat flux
*Dsflux
HF_282_No_2, S, 37.5212
** Name: HF_282_No_3 Type: Surface heat flux
*Dsflux
HF_282_No_3, S, 32.7560
** Name: HF_368_No_1 Type: Surface heat flux
*Dsflux
HF_368_No_1, S, 29.8604
** Name: HF_368_No_2 Type: Surface heat flux
*Dsflux
HF_368_No_2, S, 35.8074
** Name: HF_368_No_3 Type: Surface heat flux
*Dsflux
HF_368_No_3, S, 37.6048
** Name: HF_368_No_4 Type: Surface heat flux

*Dsflux
HF_368_No_4, S, 36.7536
** Name: HF_368_No_5 Type: Surface heat flux
*Dsflux
HF_368_No_5, S, 31.9048
** Name: HF_454_No_1 Type: Surface heat flux
*Dsflux
HF_454_No_1, S, 30.9662
** Name: HF_454_No_2 Type: Surface heat flux
*Dsflux
HF_454_No_2, S, 37.1716
** Name: HF_454_No_3 Type: Surface heat flux
*Dsflux
HF_454_No_3, S, 31.5210
** Name: HF_539_No_1 Type: Surface heat flux
*Dsflux
HF_539_No_1, S, 29.1878
** Name: HF_539_No_2 Type: Surface heat flux
*Dsflux
HF_539_No_2, S, 34.4736
** Name: HF_539_No_3 Type: Surface heat flux
*Dsflux
HF_539_No_3, S, 35.3932
** Name: HF_539_No_4 Type: Surface heat flux
*Dsflux
HF_539_No_4, S, 34.9410
** Name: HF_539_No_5 Type: Surface heat flux
*Dsflux
HF_539_No_5, S, 31.0156
** Name: HF_625_No_1 Type: Surface heat flux
*Dsflux
HF_625_No_1, S, 29.1346
** Name: HF_625_No_2 Type: Surface heat flux
*Dsflux
HF_625_No_2, S, 33.8884
** Name: HF_625_No_3 Type: Surface heat flux
*Dsflux
HF_625_No_3, S, 30.7572
** Name: HF_711_No_1 Type: Surface heat flux
*Dsflux
HF_711_No_1, S, 26.4898
** Name: HF_711_No_2 Type: Surface heat flux
*Dsflux
HF_711_No_2, S, 29.8680
** Name: HF_711_No_3 Type: Surface heat flux
*Dsflux

HF_711_No_3, S, 30.8256
** Name: HF_711_No_4 Type: Surface heat flux
*Dsflux
HF_711_No_4, S, 29.0662
** Name: HF_711_No_5 Type: Surface heat flux
*Dsflux
HF_711_No_5, S, 26.4822
** Name: Load-1 Type: Shell edge load
*Dsload, amplitude=Amp-1, constant resultant=YES
Load_Surface, EDNOR, 57.070625
** OUTPUT REQUESTS
**
*Restart, write, frequency=0
**
** FIELD OUTPUT: F-Output-1
**
*Output, field, variable=PRESELECT
**
** HISTORY OUTPUT: H-Output-1
**
*Output, history, variable=PRESELECT
*End Step