

queryID	ground_truth_X	positioning_X	ground_truth_Y	positioning_Y	Distance
1	144.0	144.0	28.5	28.17942583249447	0.32057416750553
2	144.0	143.99999999999997	28.5	28.815516122051502	0.3155161220515019
3	144.0	143.99999999999997	28.5	28.815516122051502	0.3155161220515019
4	144.0	144.0	28.5	27.322675257236273	1.1773247427637266
5	144.0	144.0	28.5	27.322675257236273	1.1773247427637266
6	144.0	144.0	30.0	30.02967584372739	0.029675843727389406
7	144.0	144.0	30.0	30.02967584372739	0.029675843727389406
8	144.0	144.0	30.0	30.02967584372739	0.029675843727389406
9	144.0	144.0	30.0	30.0	0.0
10	144.0	144.0	30.0	30.0	0.0
11	144.0	141.8972700827398	30.0	30.521954234780907	2.166543174771007
12	144.0	144.0	30.0	30.0	0.0
13	144.0	144.0	30.0	30.0	0.0
14	144.0	141.28393210602113	31.5	31.228095419203203	2.7296440987354225
15	144.0	141.28393210602113	31.5	31.228095419203203	2.7296440987354225
16	144.0	142.85805500982318	31.5	30.351608546168958	1.6195188457755354
17	144.0	142.85805500982318	31.5	30.351608546168958	1.6195188457755354
18	144.0	142.56846561519157	31.5	30.398442106284353	1.8063002209201275
19	144.0	144.0	31.5	31.5	0.0
20	144.0	143.73761991184855	31.5	28.896292455276118	2.6168943977758112
21	144.0	143.73761991184855	31.5	28.896292455276118	2.6168943977758112
22	142.5	143.1565095348811	31.5	30.957739050733558	0.8514996808508821
23	142.5	143.1565095348811	31.5	30.957739050733558	0.8514996808508821
24	142.5	142.9806892631705	31.5	31.014284859544677	0.6833603481289519
25	142.5	142.9806892631705	31.5	31.014284859544677	0.6833603481289519
26	142.5	142.9806892631705	31.5	31.014284859544677	0.6833603481289519
27	142.5	141.20935805230934	31.5	31.208618306363576	1.323125061558872
28	141.0	139.16911232565437	31.5	31.499999999999996	1.8308876743456324
29	141.0	141.0	31.5	31.5	0.0
30	141.0	139.540058418527	31.5	31.5	1.4599415814730037
31	141.0	138.88730933051804	31.5	31.499999999999993	2.112690669481964
32	141.0	138.88730933051804	31.5	31.499999999999993	2.112690669481964
33	141.0	137.20475731731506	31.5	31.500000000000004	3.7952426826849432
34	141.0	139.04581701505214	31.5	31.5	1.9541829849478631
35	141.0	139.06731145743598	31.5	31.5	1.9326885425640228
36	139.5	138.3783712321523	31.5	31.5	1.1216287678477102
37	139.5	139.3191132932906	31.5	31.499999999999996	0.18088670670940132
38	139.5	139.3191132932906	31.5	31.499999999999996	0.18088670670940132

39	139.5	139.3191132932906	31.5	31.499999999999996	0.18088670670940132
40	139.5	139.15739013246187	31.5	31.499999999999996	0.3426098675381297
41	139.5	139.5	31.5	31.5	0.0
42	139.5	139.5	31.5	31.5	0.0
43	139.5	139.5	31.5	31.5	0.0
44	138.0	138.78396914488098	31.5	31.499999999999999	0.7839691448809845
45	138.0	138.78396914488098	31.5	31.499999999999999	0.7839691448809845
46	138.0	136.9838775050664	31.5	31.499999999999996	1.0161224949335974
47	138.0	139.11206012982578	31.5	31.5	1.1120601298257782
48	138.0	139.11206012982578	31.5	31.5	1.1120601298257782
49	138.0	139.11206012982578	31.5	31.5	1.1120601298257782
50	136.5	138.3785032177704	31.5	31.5	1.878503217770401
51	87.0	87.0	36.0	36.0	0.0
52	87.0	87.0	36.0	36.0	0.0
53	87.0	87.0	36.0	36.0	0.0
54	87.0	87.0	36.0	36.0	0.0
55	87.0	87.0	36.0	36.0	0.0
56	88.5	88.5	36.0	36.0	0.0
57	88.5	89.87888198757764	36.0	36.0	1.3788819875776426
58	88.5	89.87888198757764	36.0	36.0	1.3788819875776426
59	88.5	89.87888198757764	36.0	36.0	1.3788819875776426
60	88.5	90.75	36.0	36.000000000000001	2.25
61	88.5	90.75	36.0	36.000000000000001	2.25
62	88.5	90.75	36.0	36.000000000000001	2.25
63	88.5	90.75	36.0	36.000000000000001	2.25
64	88.5	88.5	36.0	36.0	0.0
65	88.5	88.5	36.0	36.0	0.0
66	90.0	88.5	36.0	36.0	1.5
67	90.0	88.5	36.0	36.0	1.5
68	90.0	90.0	36.0	36.0	0.0
69	90.0	90.0	36.0	36.0	0.0
70	90.0	90.0	36.0	36.0	0.0
71	90.0	90.0	36.0	36.0	0.0
72	90.0	90.0	36.0	36.0	0.0
73	90.0	90.0	36.0	36.0	0.0
74	90.0	90.0	36.0	36.0	0.0
75	90.0	90.0	36.0	36.0	0.0
76	90.0	90.0	36.0	36.0	0.0
77	90.0	90.0	36.0	36.0	0.0
78	91.5	89.86938202247192	36.0	36.0	1.6306179775280754

79	91.5	89.86938202247192	36.0	36.0	1.6306179775280754
80	91.5	89.86938202247192	36.0	36.0	1.6306179775280754
81	91.5	92.72999999999999	36.0	35.99999999999999	1.2299999999999898
82	91.5	92.72999999999999	36.0	35.99999999999999	1.2299999999999898
83	91.5	92.72999999999999	36.0	35.99999999999999	1.2299999999999898
84	91.5	90.47191011235955	36.0	36.0	1.0280898876404478
85	91.5	91.5	36.0	36.0	0.0
86	91.5	91.5	36.0	36.0	0.0
87	91.5	91.6451612903226	36.0	36.00000000000001	0.14516129032260494
88	91.5	91.6451612903226	36.0	36.00000000000001	0.14516129032260494
89	93.0	93.0	36.0	36.0	0.0
90	93.0	93.0	36.0	36.0	0.0
91	93.0	93.0	36.0	36.0	0.0
92	93.0	93.0	36.0	36.0	0.0
93	94.5	89.53894297635605	36.0	36.0	4.961057023643946
94	94.5	92.67857142857143	36.0	36.00000000000001	1.8214285714285694
95	94.5	92.67857142857143	36.0	36.00000000000001	1.8214285714285694
96	94.5	94.5	36.0	36.0	0.0
97	96.0	91.76612903225809	36.0	36.00000000000001	4.2338709677419075
98	96.0	98.04921434924401	36.0	36.0	2.0492143492440107
99	96.0	99.49808061420343	36.0	36.0	3.498080614203431
100	96.0	93.59604726550246	36.0	36.0	2.403952734497537
101	36.0	34.96309630963096	36.0	36.0	1.0369036903690372
102	36.0	34.96309630963096	36.0	36.0	1.0369036903690372
103	36.0	34.96309630963096	36.0	36.0	1.0369036903690372
104	36.0	38.59911964658044	36.0	36.0	2.5991196465804407
105	36.0	38.616873474113405	36.0	35.99999999999999	2.6168734741134045
106	36.0	38.616873474113405	36.0	35.99999999999999	2.6168734741134045
107	36.0	38.616873474113405	36.0	35.99999999999999	2.6168734741134045
108	36.0	38.635003465623655	36.0	36.0	2.6350034656236545
109	37.5	37.5	36.0	36.0	0.0
110	37.5	37.35894843276035	36.0	35.99999999999986	0.14105156723964996
111	37.5	36.91694352159469	36.0	36.00000000000001	0.5830564784053109
112	37.5	37.54549617452145	36.0	36.0	0.04549617452145327
113	37.5	37.54549617452145	36.0	36.0	0.04549617452145327
114	37.5	37.5	36.0	36.0	0.0
115	37.5	37.5	36.0	36.0	0.0
116	37.5	37.5	36.0	36.0	0.0
117	37.5	37.5867937244917	36.0	36.0	0.08679372449169875
118	37.5	37.5867937244917	36.0	36.0	0.08679372449169875

119	39.0	37.5	36.0	36.0	1.5
120	39.0	39.0	36.0	36.0	0.0
121	39.0	39.0	36.0	36.0	0.0
122	39.0	39.0	36.0	36.0	0.0
123	39.0	38.999048486524295	36.0	36.0	9.515134757052124E-4
124	39.0	39.0	36.0	36.0	0.0
125	40.5	40.29253932552128	36.0	36.000000000000001	0.20746067447871752
126	40.5	40.5	36.0	36.0	0.0
127	40.5	40.5	36.0	36.0	0.0
128	40.5	39.73412869879877	36.0	36.0	0.7658713012012299
129	40.5	40.5	36.0	36.0	0.0
130	40.5	40.21332199704514	36.0	36.0	0.2866780029548579
131	42.0	39.54879699690667	36.0	36.000000000000001	2.451203003093333
132	42.0	39.54879699690667	36.0	36.000000000000001	2.451203003093333
133	42.0	39.54879699690667	36.0	36.000000000000001	2.451203003093333
134	42.0	41.97630922693267	36.0	35.98067331670823	0.03057406442703026
135	42.0	42.0	36.0	36.0	0.0
136	42.0	42.0	36.0	36.0	0.0
137	42.0	43.05811213098487	36.0	36.0	1.058112130984867
138	42.0	43.05811213098487	36.0	36.0	1.058112130984867
139	42.0	43.07585436953421	36.0	36.0	1.0758543695342127
140	43.5	43.5	36.0	36.0	0.0
141	43.5	43.5	36.0	36.0	0.0
142	43.5	43.5	36.0	36.0	0.0
143	43.5	42.9244817870799	36.0	36.0	0.5755182129201017
144	43.5	42.9244817870799	36.0	36.0	0.5755182129201017
145	43.5	42.9244817870799	36.0	36.0	0.5755182129201017
146	45.0	43.19618712999521	36.0	35.65494602019369	1.8365192944739492
147	45.0	43.21133315083493	36.0	35.64591800206364	1.8233768558816081
148	45.0	43.12793289186456	36.0	35.68833433251111	1.8978331711859928
149	45.0	45.0	36.0	36.0	0.0
150	45.0	44.984774897680765	36.0	35.992060027285135	0.017171106759436915
151	72.0	72.0	27.0	26.849444525922124	0.15055547407787628
152	72.0	72.0	27.0	27.094758741751278	0.09475874175127785
153	72.0	72.0	27.0	27.193902351847875	0.19390235184787485
154	72.0	72.0	27.0	27.193902351847875	0.19390235184787485
155	72.0	72.0	27.0	27.207495993095797	0.20749599309579736
156	72.0	72.000000000000001	27.0	26.92346401643561	0.07653598356439062
157	72.0	72.000000000000001	27.0	26.92346401643561	0.07653598356439062
158	72.0	72.000000000000001	27.0	26.92346401643561	0.07653598356439062

159	72.0	72.000000000000001	27.0	26.92346401643561	0.07653598356439062
160	72.0	72.0	28.5	26.623240570860354	1.8767594291396463
161	72.0	72.0	28.5	26.623240570860354	1.8767594291396463
162	72.0	72.0	28.5	26.623240570860354	1.8767594291396463
163	72.0	71.61239472218296	28.5	26.808841258095892	1.7350088592598922
164	72.0	72.0	28.5	28.5	0.0
165	72.0	72.0	28.5	28.5	0.0
166	72.0	72.0	28.5	28.5	0.0
167	72.0	71.46478245363765	28.5	29.803138373751782	1.408768058652158
168	72.0	71.46478245363765	28.5	29.803138373751782	1.408768058652158
169	72.0	71.97268128161888	30.0	30.065767284991562	0.07121550497713636
170	72.0	72.0	30.0	30.0	0.0
171	72.0	71.70029239766083	30.0	30.606725146198833	0.6767126790077816
172	72.0	70.15223677496174	30.0	30.902194250722914	2.0562547025700115
173	72.0	70.15223677496174	30.0	30.902194250722914	2.0562547025700115
174	72.0	70.10769632596204	30.0	30.923297927912238	2.1055384723306765
175	72.0	70.10769632596204	30.0	30.923297927912238	2.1055384723306765
176	72.0	69.5179232100957	30.0	31.217640235167984	2.7646614500299247
177	72.0	72.0	31.5	31.5	0.0
178	72.0	72.0	31.5	31.5	0.0
179	72.0	72.0	31.5	31.5	0.0
180	72.0	70.79867097463067	31.5	31.907124289420945	1.2684406230609853
181	72.0	71.93185653709244	31.5	31.499999999999996	0.0681434629075568
182	72.0	72.0	31.5	31.5	0.0
183	72.0	71.93185653709244	31.5	31.499999999999996	0.0681434629075568
184	72.0	72.0	31.5	31.5	0.0
185	72.0	69.8642695627775	31.5	31.500000000000004	2.135730437222506
186	72.0	68.62992690172554	31.5	31.775576783637863	3.381321524403352
187	70.5	70.5	31.5	31.5	0.0
188	70.5	70.5	31.5	31.5	0.0
189	70.5	69.42368309040921	31.5	31.500000000000004	1.076316909590787
190	70.5	69.41419968990012	31.5	31.499999999999996	1.0858003100998843
191	70.5	69.41419968990012	31.5	31.499999999999996	1.0858003100998843
192	70.5	69.41419968990012	31.5	31.499999999999996	1.0858003100998843
193	70.5	70.29373191899711	31.5	31.500000000000007	0.2062680810028894
194	69.0	68.96734397677793	31.5	31.499999999999993	0.03265602322207428
195	69.0	68.96734397677793	31.5	31.499999999999993	0.03265602322207428
196	69.0	69.0	31.5	31.5	0.0
197	69.0	68.89691943127961	31.5	31.5	0.10308056872038662
198	69.0	69.0	31.5	31.5	0.0

199	69.0	69.0	31.5	31.5	0.0
200	69.0	69.0	31.5	31.5	0.0
201	0.0	0.0	22.5	22.820065944418275	0.32006594441827474
202	0.0	0.0	24.0	23.62336956521739	0.3766304347826086
203	0.0	0.0	24.0	23.62336956521739	0.3766304347826086
204	0.0	0.0	24.0	23.14161951182482	0.8583804881751789
205	0.0	0.0	24.0	23.14161951182482	0.8583804881751789
206	0.0	0.0	24.0	22.205740663029793	1.7942593369702067
207	0.0	0.0	24.0	22.591485537083134	1.408514462916866
208	0.0	0.0	24.0	22.591485537083134	1.408514462916866
209	0.0	0.0	24.0	23.097832680747807	0.9021673192521931
210	0.0	0.0	24.0	24.0	0.0
211	0.0	0.0	24.0	19.386075949367083	4.613924050632917
212	0.0	0.0	24.0	24.0	0.0
213	0.0	0.0	25.5	5.098229321001456	20.401770678998545
214	0.0	0.0	25.5	2.437309901993917	23.062690098006083
215	0.0	0.0	25.5	25.98915967716411	0.48915967716411046
216	0.0	0.0	25.5	25.98915967716411	0.48915967716411046
217	0.0	0.0	25.5	25.982514970059878	0.48251497005987787
218	0.0	0.0	25.5	24.312271366810776	1.1877286331892236
219	0.0	0.0	25.5	24.312271366810776	1.1877286331892236
220	0.0	0.0	27.0	24.112748734957066	2.8872512650429343
221	0.0	0.0	27.0	26.572078653133836	0.4279213468661638
222	0.0	0.0	27.0	26.572078653133836	0.4279213468661638
223	0.0	0.0	27.0	26.572078653133836	0.4279213468661638
224	0.0	0.0	27.0	26.59943375275302	0.40056624724698153
225	0.0	0.0	27.0	26.474567710499734	0.5254322895002659
226	0.0	0.0	27.0	26.474567710499734	0.5254322895002659
227	0.0	0.0	27.0	26.474567710499734	0.5254322895002659
228	0.0	0.0	27.0	26.276134921921948	0.7238650780780524
229	0.0	0.0	28.5	26.575285465453838	1.9247145345461618
230	0.0	0.0	28.5	26.575285465453838	1.9247145345461618
231	0.0	0.0	28.5	28.5	0.0
232	0.0	0.0	28.5	28.5	0.0
233	0.0	0.0	28.5	28.5	0.0
234	0.0	0.0	28.5	28.5	0.0
235	0.0	0.0	28.5	28.5	0.0
236	0.0	0.0	28.5	28.5	0.0
237	0.0	0.0	30.0	30.120689655172413	0.12068965517241281
238	0.0	0.0	30.0	30.120689655172413	0.12068965517241281

239	0.0	0.0	30.0	30.120689655172413	0.12068965517241281
240	0.0	0.0	30.0	30.151982378854626	0.15198237885462618
241	0.0	0.0	30.0	30.583010281476486	0.5830102814764864
242	0.0	0.0	30.0	30.583010281476486	0.5830102814764864
243	0.0	0.0	30.0	30.583010281476486	0.5830102814764864
244	0.0	0.0	30.0	30.583010281476486	0.5830102814764864
245	0.0	0.0	31.5	30.770676540123098	0.7293234598769018
246	0.0	0.0	31.5	31.5	0.0
247	0.0	0.0	31.5	31.5	0.0
248	0.0	0.0	31.5	31.5	0.0
249	0.0	0.0	31.5	30.624043223773075	0.8759567762269249
250	0.0	0.0	31.5	32.157763937352925	0.6577639373529252
251	96.0	93.59604726550246	36.0	36.0	2.403952734497537
252	96.0	94.62667353244079	36.0	36.0	1.3733264675592096
253	96.0	94.62667353244079	36.0	36.0	1.3733264675592096
254	97.5	94.34627291242361	36.0	36.0	3.153727087576385
255	97.5	97.5	36.0	36.0	0.0
256	97.5	97.5	36.0	36.0	0.0
257	97.5	90.585	36.0	36.0	6.915000000000006
258	97.5	97.5	36.0	36.0	0.0
259	97.5	97.5	36.0	36.0	0.0
260	97.5	97.5	36.0	36.0	0.0
261	99.0	99.0	36.0	36.0	0.0
262	99.0	100.62267657992564	36.0	36.0	1.6226765799256384
263	99.0	100.62267657992564	36.0	36.0	1.6226765799256384
264	99.0	95.05670103092785	36.0	36.000000000000001	3.9432989690721456
265	99.0	96.93589743589742	36.0	36.0	2.0641025641025834
266	99.0	96.93589743589742	36.0	36.0	2.0641025641025834
267	99.0	96.93589743589742	36.0	36.0	2.0641025641025834
268	99.0	97.02256809338523	36.0	36.000000000000001	1.9774319066147683
269	99.0	97.02256809338523	36.0	36.000000000000001	1.9774319066147683
270	100.5	90.91897233201581	36.0	36.0	9.581027667984188
271	100.5	100.5	36.0	36.0	0.0
272	100.5	100.5	36.0	36.0	0.0
273	100.5	102.62637362637363	36.0	36.0	2.126373626373635
274	100.5	100.5	36.0	36.0	0.0
275	100.5	100.5	36.0	36.0	0.0
276	100.5	100.5	36.0	36.0	0.0
277	102.0	95.07798985982701	36.0	36.0	6.922010140172986
278	102.0	103.81190926275991	36.0	36.0	1.8119092627599116

279	102.0	103.81190926275991	36.0	36.0	1.8119092627599116
280	102.0	105.25609756097563	36.0	36.0	3.2560975609756326
281	102.0	104.01348279376028	36.0	36.0	2.013482793760275
282	102.0	102.0	36.0	36.0	0.0
283	103.5	103.5	36.0	36.0	0.0
284	103.5	105.6214360804052	36.0	36.0	2.1214360804052035
285	103.5	103.5	36.0	36.0	0.0
286	103.5	105.27572145545795	36.0	36.0	1.7757214554579548
287	103.5	105.27572145545795	36.0	36.0	1.7757214554579548
288	103.5	105.27572145545795	36.0	36.0	1.7757214554579548
289	103.5	105.63056703518008	36.0	36.0	2.1305670351800785
290	103.5	103.22727272727272	36.0	36.0	0.2727272727272805
291	103.5	103.22727272727272	36.0	36.0	0.2727272727272805
292	105.0	105.0	36.0	36.0	0.0
293	105.0	104.96764252696455	36.0	36.0	0.03235747303544656
294	105.0	105.0	36.0	36.0	0.0
295	105.0	105.51847839673347	36.0	35.99999999999999	0.518478396733471
296	105.0	105.2031539888683	36.0	36.0	0.20315398886829428
297	106.5	105.21745711402622	36.0	35.99999999999999	1.2825428859737826
298	106.5	104.89157900778066	36.0	36.0	1.6084209922193367
299	106.5	104.89157900778066	36.0	36.0	1.6084209922193367
300	106.5	105.95749396640892	36.0	36.0	0.5425060335910814
301	45.0	45.0	1.5	3.225908131919269	1.7259081319192688
302	45.0	45.0	1.5	3.2396265560165975	1.7396265560165975
303	45.0	45.0	1.5	3.2396265560165975	1.7396265560165975
304	45.0	45.0	0.0	2.1368453356510106	2.1368453356510106
305	45.0	45.01527569231026	0.0	0.13081991899289044	0.13170876197453305
306	45.0	45.078060630544904	0.0	0.09738043726710714	0.1248054950849561
307	45.0	48.81582027469673	0.0	0.0	3.8158202746967333
308	46.5	45.81356628044887	0.0	0.9194230378950229	1.147401400534667
309	46.5	45.81356628044887	0.0	0.9194230378950229	1.147401400534667
310	46.5	46.68899122465854	0.0	0.47659950466559386	0.5127033946107856
311	46.5	46.68899122465854	0.0	0.47659950466559386	0.5127033946107856
312	46.5	46.633570955369855	0.0	0.0	0.13357095536985497
313	46.5	46.63661345382949	0.0	0.0	0.13661345382949008
314	46.5	49.257194377584355	0.0	0.0	2.757194377584355
315	48.0	49.275277596713366	0.0	0.0	1.2752775967133658
316	48.0	48.08533341428389	0.0	0.0	0.08533341428388752
317	48.0	48.08533341428389	0.0	0.0	0.08533341428388752
318	48.0	48.0	0.0	0.0	0.0



319	48.0	48.454617492157524	0.0	0.0	0.45461749215752434
320	48.0	48.09230986628671	0.0	0.0	0.0923098662867119
321	48.0	48.0	0.0	0.0	0.0
322	48.0	48.0	0.0	0.0	0.0
323	48.0	48.98669991687448	0.0	0.0	0.9866999168744783
324	48.0	49.571417856194984	0.0	0.0	1.5714178561949836
325	49.5	49.987283409085464	0.0	0.0	0.48728340908546386
326	49.5	49.52403762079866	0.0	0.0	0.024037620798658565
327	49.5	49.5	0.0	0.0	0.0
328	49.5	49.5	0.0	0.0	0.0
329	49.5	49.5	0.0	0.0	0.0
330	49.5	49.68738619925854	0.0	0.0	0.1873861992585404
331	49.5	51.26010529979085	0.0	0.0	1.760105299790851
332	49.5	51.26010529979085	0.0	0.0	1.760105299790851
333	49.5	51.26010529979085	0.0	0.0	1.760105299790851
334	51.0	49.534957287829144	0.0	0.0	1.465042712170856
335	51.0	51.0	0.0	0.0	0.0
336	51.0	51.018608200690856	0.0	0.0	0.018608200690856336
337	51.0	51.018608200690856	0.0	0.0	0.018608200690856336
338	51.0	51.018608200690856	0.0	0.0	0.018608200690856336
339	51.0	51.0	0.0	0.0	0.0
340	52.5	52.5	0.0	0.0	0.0
341	52.5	52.18939245946474	0.0	0.0	0.3106075405352584
342	52.5	52.5	0.0	0.0	0.0
343	52.5	53.066213748596454	0.0	0.0	0.5662137485964536
344	52.5	53.87249102902508	0.0	0.0	1.3724910290250776
345	54.0	54.05250587785222	0.0	0.0	0.052505877852219385
346	54.0	53.10527279384841	0.0	0.0	0.8947272061515932
347	54.0	53.10527279384841	0.0	0.0	0.8947272061515932
348	54.0	52.68077483139179	0.0	0.0	1.319225168608213
349	54.0	54.08337691788926	0.0	0.0	0.08337691788926094
350	54.0	54.08337691788926	0.0	0.0	0.08337691788926094
351	144.0	144.0	1.5	3.819069949198906	2.319069949198906
352	144.0	144.0	1.5	3.819069949198906	2.319069949198906
353	144.0	144.0	1.5	3.901801186146975	2.401801186146975
354	144.0	144.0	3.0	3.0	0.0
355	144.0	143.99999999999997	3.0	4.417085427135678	1.417085427135678
356	144.0	143.99999999999997	3.0	4.417085427135678	1.417085427135678
357	144.0	144.0	3.0	4.401245411641321	1.4012454116413213
358	144.0	144.0	3.0	4.364327706164716	1.3643277061647163

359	144.0	144.0	3.0	4.364327706164716	1.3643277061647163
360	144.0	144.0	3.0	4.364327706164716	1.3643277061647163
361	144.0	144.0	3.0	4.341604621550929	1.3416046215509292
362	144.0	144.0	3.0	3.0	0.0
363	144.0	144.0	3.0	3.0	0.0
364	144.0	144.000000000000003	4.5	4.375540903380492	0.12445909661950783
365	144.0	144.000000000000003	4.5	4.375540903380492	0.12445909661950783
366	144.0	144.0	4.5	4.5	0.0
367	144.0	144.000000000000003	4.5	3.9635578294053513	0.5364421705946487
368	144.0	144.000000000000003	4.5	3.9635578294053513	0.5364421705946487
369	144.0	144.000000000000003	4.5	3.9635578294053513	0.5364421705946487
370	144.0	144.000000000000003	4.5	3.9635578294053513	0.5364421705946487
371	144.0	144.0	4.5	4.5	0.0
372	144.0	144.0	6.0	4.42873185901866	1.5712681409813403
373	144.0	144.0	6.0	4.344165213731738	1.6558347862682616
374	144.0	144.0	6.0	4.344165213731738	1.6558347862682616
375	144.0	144.0	6.0	4.344165213731738	1.6558347862682616
376	144.0	143.99999999999997	6.0	4.034368070953437	1.9656319290465634
377	144.0	144.000000000000003	7.5	6.863625671845414	0.6363743281545862
378	144.0	144.0	7.5	8.037881234956394	0.5378812349563944
379	144.0	144.0	7.5	8.037881234956394	0.5378812349563944
380	144.0	144.0	7.5	8.037881234956394	0.5378812349563944
381	144.0	144.0	7.5	5.605251531476878	1.8947484685231224
382	144.0	144.0	7.5	5.605251531476878	1.8947484685231224
383	144.0	144.0	7.5	4.405707326016921	3.0942926739830794
384	144.0	144.0	7.5	7.5	0.0
385	144.0	144.0	7.5	7.5	0.0
386	144.0	144.0	9.0	8.627429316460823	0.3725706835391769
387	144.0	144.0	9.0	8.627429316460823	0.3725706835391769
388	144.0	144.0	9.0	9.621088003829524	0.6210880038295237
389	144.0	144.0	9.0	9.0	0.0
390	144.0	144.0	9.0	9.0	0.0
391	144.0	144.000000000000003	9.0	8.793987865416437	0.20601213458356327
392	144.0	144.000000000000003	9.0	9.5651947982893	0.5651947982892995
393	144.0	144.0	10.5	10.5	0.0
394	144.0	144.0	10.5	10.18989972463241	0.31010027536759033
395	144.0	144.0	10.5	10.18989972463241	0.31010027536759033
396	144.0	144.000000000000003	10.5	9.744586104689915	0.7554138953100846
397	144.0	144.000000000000003	10.5	9.744586104689915	0.7554138953100846
398	144.0	144.0	10.5	10.446610883317376	0.053389116682623694

399	144.0	144.0	12.0	12.0	0.0
400	144.0	144.0	12.0	12.0	0.0
401	136.5	138.3785032177704	31.5	31.5	1.878503217770401
402	136.5	138.20985631459538	31.5	31.5	1.7098563145953847
403	136.5	138.20985631459538	31.5	31.5	1.7098563145953847
404	136.5	134.9690852625635	31.5	31.499999999999996	1.5309147374364898
405	136.5	136.5	31.5	31.5	0.0
406	136.5	136.5	31.5	31.5	0.0
407	135.0	135.62785094763893	31.5	31.499999999999996	0.6278509476389331
408	135.0	135.62785094763893	31.5	31.499999999999996	0.6278509476389331
409	135.0	134.068281938326	31.5	31.5	0.9317180616739904
410	135.0	133.53134938664243	31.5	31.5	1.4686506133575676
411	135.0	133.53134938664243	31.5	31.5	1.4686506133575676
412	135.0	133.53134938664243	31.5	31.5	1.4686506133575676
413	135.0	133.53134938664243	31.5	31.5	1.4686506133575676
414	135.0	133.08849557522123	31.5	31.5	1.9115044247787694
415	135.0	133.08849557522123	31.5	31.5	1.9115044247787694
416	133.5	133.0985915492958	31.5	31.500000000000004	0.40140845070419573
417	133.5	133.0985915492958	31.5	31.500000000000004	0.40140845070419573
418	133.5	133.0985915492958	31.5	31.500000000000004	0.40140845070419573
419	133.5	133.0985915492958	31.5	31.500000000000004	0.40140845070419573
420	133.5	133.08870967741936	31.5	31.500000000000007	0.4112903225806406
421	133.5	133.5	31.5	31.5	0.0
422	133.5	133.5	31.5	31.5	0.0
423	132.0	132.44117647058823	31.5	31.500000000000004	0.44117647058823195
424	132.0	132.84	31.5	31.500000000000007	0.8400000000000034
425	132.0	132.84	31.5	31.500000000000007	0.8400000000000034
426	132.0	132.0	31.5	31.5	0.0
427	132.0	130.2945205479452	31.5	31.500000000000007	1.7054794520547887
428	132.0	130.2945205479452	31.5	31.500000000000007	1.7054794520547887
429	132.0	130.2945205479452	31.5	31.500000000000007	1.7054794520547887
430	132.0	130.2945205479452	31.5	31.500000000000007	1.7054794520547887
431	132.0	131.1	31.5	31.500000000000004	0.9000000000000057
432	130.5	130.5	31.5	31.5	0.0
433	130.5	130.5	31.5	31.5	0.0
434	130.5	130.5	31.5	31.5	0.0
435	130.5	130.5	31.5	31.5	0.0
436	130.5	130.5	31.5	31.5	0.0
437	130.5	130.30434782608697	31.5	31.499999999999996	0.19565217391303236
438	130.5	130.15384615384613	31.5	31.499999999999996	0.346153846153868

439	130.5	130.15384615384613	31.5	31.499999999999996	0.346153846153868
440	129.0	129.0	31.5	31.5	0.0
441	129.0	129.0	31.5	31.5	0.0
442	129.0	129.0	31.5	31.5	0.0
443	129.0	126.6614173228347	31.5	31.500000000000001	2.3385826771653058
444	129.0	126.6614173228347	31.5	31.500000000000001	2.3385826771653058
445	127.5	128.73695198329855	31.5	31.5	1.2369519832985532
446	127.5	128.73695198329855	31.5	31.5	1.2369519832985532
447	127.5	128.73695198329855	31.5	31.5	1.2369519832985532
448	127.5	128.73695198329855	31.5	31.5	1.2369519832985532
449	127.5	130.02818991097925	31.5	31.5	2.5281899109792505
450	127.5	130.02818991097925	31.5	31.5	2.5281899109792505
451	72.0	72.0	16.5	16.5	0.0
452	72.0	72.0	16.5	16.5	0.0
453	72.0	72.000000000000001	16.5	16.528441037381462	0.02844103738146231
454	72.0	72.0	18.0	18.0	0.0
455	72.0	72.0	18.0	18.0	0.0
456	72.0	72.0	18.0	17.38066372226426	0.6193362777357407
457	72.0	72.0	18.0	17.38632058547212	0.6136794145278799
458	72.0	72.0	18.0	17.38632058547212	0.6136794145278799
459	72.0	72.0	18.0	17.38632058547212	0.6136794145278799
460	72.0	72.0	18.0	17.429346768138377	0.5706532318616233
461	72.0	72.0	19.5	18.0	1.5
462	72.0	72.0	19.5	19.5	0.0
463	72.0	72.0	19.5	19.5	0.0
464	72.0	72.0	19.5	19.5	0.0
465	72.0	72.0	19.5	19.417201862493176	0.08279813750682408
466	72.0	72.000000000000001	19.5	20.776645365170964	1.276645365170964
467	72.0	71.99999999999999	19.5	20.8050820199421	1.3050820199420983
468	72.0	72.0	21.0	21.540378702055346	0.5403787020553459
469	72.0	72.000000000000001	21.0	21.067284931105476	0.06728493110547618
470	72.0	72.000000000000001	21.0	21.067284931105476	0.06728493110547618
471	72.0	72.000000000000001	21.0	21.067284931105476	0.06728493110547618
472	72.0	72.000000000000001	21.0	21.067284931105476	0.06728493110547618
473	72.0	72.000000000000001	21.0	21.067284931105476	0.06728493110547618
474	72.0	72.000000000000001	21.0	21.067284931105476	0.06728493110547618
475	72.0	72.0	21.0	21.0	0.0
476	72.0	72.0	21.0	21.0	0.0
477	72.0	72.000000000000001	22.5	22.425025336721358	0.07497466327864188
478	72.0	72.000000000000001	22.5	22.425025336721358	0.07497466327864188

479	72.0	72.000000000000001	22.5	22.425025336721358	0.07497466327864188
480	72.0	72.000000000000001	24.0	23.97717698954695	0.02282301045304891
481	72.0	72.0	24.0	24.058163856173	0.05816385617299957
482	72.0	72.0	24.0	24.0	0.0
483	72.0	72.0	24.0	24.0	0.0
484	72.0	72.0	24.0	24.0	0.0
485	72.0	72.0	24.0	24.0	0.0
486	72.0	72.0	25.5	25.5	0.0
487	72.0	72.000000000000003	25.5	25.39251808658168	0.1074819134183187
488	72.0	72.000000000000003	25.5	25.39251808658168	0.1074819134183187
489	72.0	72.0	25.5	22.691005006899875	2.808994993100125
490	72.0	71.99999999999999	25.5	25.323401207769027	0.17659879223097263
491	72.0	72.0	25.5	25.315429223569755	0.18457077643024533
492	72.0	72.0	25.5	25.315429223569755	0.18457077643024533
493	72.0	72.0	25.5	25.315429223569755	0.18457077643024533
494	72.0	72.0	25.5	25.315429223569755	0.18457077643024533
495	72.0	72.0	25.5	25.315429223569755	0.18457077643024533
496	72.0	71.99999999999999	27.0	27.19681401167639	0.19681401167639123
497	72.0	72.87177823988401	27.0	29.04452753877559	2.2226313586258586
498	72.0	72.0	27.0	27.0	0.0
499	72.0	72.0	27.0	26.849444525922124	0.15055547407787628
500	72.0	72.0	27.0	26.849444525922124	0.15055547407787628
501	115.5	113.26968429060477	36.0	35.99999999999999	2.230315709395228
502	115.5	113.26968429060477	36.0	35.99999999999999	2.230315709395228
503	115.5	113.26968429060477	36.0	35.99999999999999	2.230315709395228
504	115.5	113.26968429060477	36.0	35.99999999999999	2.230315709395228
505	115.5	113.26968429060477	36.0	35.99999999999999	2.230315709395228
506	115.5	113.06212956223354	36.0	36.0	2.4378704377664633
507	117.0	113.06212956223354	36.0	36.0	3.9378704377664633
508	117.0	116.89485480199474	36.0	36.0	0.10514519800526045
509	117.0	116.89485480199474	36.0	36.0	0.10514519800526045
510	117.0	117.0	36.0	36.0	0.0
511	117.0	117.0	36.0	36.0	0.0
512	117.0	117.0	36.0	36.0	0.0
513	117.0	116.24965042634278	36.0	35.99999999999999	0.7503495736572177
514	117.0	117.65247031227094	36.0	35.585251429409176	0.773132514645493
515	117.0	117.65247031227094	36.0	35.585251429409176	0.773132514645493
516	118.5	117.65247031227094	36.0	35.585251429409176	0.9435692599853268
517	118.5	117.74562651116486	36.0	35.63518702887214	0.8379545718954234
518	118.5	118.5	36.0	36.0	0.0

519	118.5	118.5	36.0	36.0	0.0
520	118.5	118.5	36.0	36.0	0.0
521	118.5	118.5	36.0	36.0	0.0
522	118.5	118.5	36.0	36.0	0.0
523	118.5	116.61298776936516	36.0	36.0	1.8870122306348378
524	118.5	118.5	36.0	36.0	0.0
525	118.5	117.18	34.5	35.364	1.5776235292362932
526	118.5	117.18	34.5	35.364	1.5776235292362932
527	118.5	118.37022524449212	34.5	34.50537193977048	0.1298858918590777
528	118.5	118.37022524449212	34.5	34.50537193977048	0.1298858918590777
529	118.5	118.37022524449212	34.5	34.50537193977048	0.1298858918590777
530	118.5	118.37022524449212	34.5	34.50537193977048	0.1298858918590777
531	118.5	118.2960251046025	33.0	34.418410041841	1.4330013275457232
532	118.5	118.2960251046025	33.0	34.418410041841	1.4330013275457232
533	118.5	118.2960251046025	33.0	34.418410041841	1.4330013275457232
534	118.5	118.5	33.0	33.84021543985637	0.8402154398563724
535	118.5	118.5	33.0	33.84021543985637	0.8402154398563724
536	118.5	119.2603004885243	33.0	33.163563462070236	0.7776952095613561
537	118.5	121.1174740727995	33.0	31.787193605405996	2.8847997976541957
538	118.5	118.5	33.0	33.0	0.0
539	118.5	118.5	33.0	33.0	0.0
540	118.5	119.88363265175923	33.0	31.842116175954573	1.8041990646822585
541	118.5	120.14392191470586	33.0	31.913775504779323	1.9703712634088997
542	118.5	120.81408352262798	31.5	31.5262100297047	2.3142319493420382
543	118.5	120.81408352262798	31.5	31.5262100297047	2.3142319493420382
544	118.5	119.3406123248219	31.5	31.176602523743128	0.9006747516677713
545	118.5	119.3406123248219	31.5	31.176602523743128	0.9006747516677713
546	118.5	120.1927691518029	31.5	31.507410496599512	1.692785372324378
547	118.5	118.5	30.0	30.0	0.0
548	118.5	118.5	30.0	30.0	0.0
549	118.5	118.5	30.0	30.0	0.0
550	118.5	118.5	30.0	30.0	0.0
551	69.0	69.0	31.5	31.5	0.0
552	69.0	68.99644462388098	31.5	31.5	0.003555376119024345
553	69.0	68.99644462388098	31.5	31.5	0.003555376119024345
554	69.0	68.99644462388098	31.5	31.5	0.003555376119024345
555	69.0	68.99644462388098	31.5	31.5	0.003555376119024345
556	69.0	68.96565422753292	31.5	31.5	0.03434577246707704
557	67.5	69.61671130619347	31.5	31.5	2.1167113061934657
558	67.5	69.61671130619347	31.5	31.5	2.1167113061934657

559	67.5	69.61671130619347	31.5	31.5	2.1167113061934657
560	67.5	68.8924758515506	31.5	31.10574478901881	1.4472132422478003
561	67.5	67.5	31.5	31.5	0.0
562	67.5	67.57502619437143	31.5	31.5	0.0750261943714321
563	67.5	67.57502619437143	31.5	31.5	0.0750261943714321
564	67.5	67.57502619437143	31.5	31.5	0.0750261943714321
565	67.5	67.89045860529028	31.5	31.5	0.3904586052902772
566	67.5	68.80442880794702	31.5	31.5	1.3044288079470192
567	67.5	68.80442880794702	31.5	31.5	1.3044288079470192
568	66.0	68.0810766120912	31.5	31.5	2.081076612091195
569	66.0	68.02826421076503	31.5	31.5	2.0282642107650304
570	66.0	68.24539577262901	31.5	31.500000000000007	2.24539577262901
571	66.0	66.72998179684151	31.5	31.5	0.7299817968415141
572	66.0	66.72998179684151	31.5	31.5	0.7299817968415141
573	66.0	66.72998179684151	31.5	31.5	0.7299817968415141
574	64.5	64.5	31.5	31.5	0.0
575	64.5	64.5	31.5	31.5	0.0
576	64.5	64.5	31.5	31.5	0.0
577	64.5	64.5	31.5	31.5	0.0
578	64.5	64.22388946664685	31.5	31.5	0.2761105333531475
579	64.5	64.5	31.5	31.5	0.0
580	64.5	64.5	31.5	31.5	0.0
581	64.5	63.00839239089892	31.5	31.5	1.4916076091010808
582	63.0	62.84457799994222	31.5	31.500000000000004	0.15542200005778284
583	63.0	62.84457799994222	31.5	31.500000000000004	0.15542200005778284
584	63.0	63.0	31.5	31.5	0.0
585	63.0	61.62802146675034	31.5	31.500000000000004	1.37197853324966
586	63.0	61.62802146675034	31.5	31.500000000000004	1.37197853324966
587	63.0	61.62802146675034	31.5	31.500000000000004	1.37197853324966
588	63.0	61.62802146675034	31.5	31.500000000000004	1.37197853324966
589	63.0	61.87888351908472	31.5	31.499999999999993	1.1211164809152834
590	63.0	61.8796269727403	31.5	31.499999999999993	1.1203730272597028
591	63.0	61.8796269727403	31.5	31.499999999999993	1.1203730272597028
592	63.0	61.8796269727403	31.5	31.499999999999993	1.1203730272597028
593	61.5	62.045094837332	31.5	31.500000000000007	0.5450948373320017
594	61.5	61.60046667020205	31.5	31.500000000000004	0.10046667020205291
595	61.5	61.60046667020205	31.5	31.500000000000004	0.10046667020205291
596	61.5	61.5	31.5	31.5	0.0
597	61.5	62.725856919357135	31.5	31.500000000000004	1.2258569193571347
598	61.5	61.5	31.5	31.5	0.0

599	61.5	61.5	31.5	31.5	0.0
600	61.5	61.5	31.5	31.5	0.0
601	45.0	45.0	18.0	18.0	0.0
602	45.0	45.0	18.0	17.73022681307942	0.26977318692058105
603	45.0	45.0	18.0	15.94301810982056	2.05698189017944
604	45.0	45.000000000000001	18.0	15.968113398952651	2.031886601047349
605	45.0	45.000000000000001	18.0	15.968113398952651	2.031886601047349
606	45.0	45.0	16.5	15.872316968105913	0.6276830318940867
607	45.0	45.000000000000001	16.5	16.57124804724936	0.07124804724935885
608	45.0	45.000000000000001	16.5	16.57124804724936	0.07124804724935885
609	45.0	45.000000000000001	16.5	16.57124804724936	0.07124804724935885
610	45.0	45.0	16.5	16.577632073950664	0.07763207395066374
611	45.0	45.0	16.5	16.577632073950664	0.07763207395066374
612	45.0	45.0	16.5	16.577632073950664	0.07763207395066374
613	45.0	45.0	16.5	16.5	0.0
614	45.0	45.0	16.5	16.5	0.0
615	45.0	44.999999999999999	16.5	16.474564228874566	0.025435771125433604
616	45.0	44.999999999999999	16.5	16.474564228874566	0.025435771125433604
617	45.0	45.0	15.0	15.0	0.0
618	45.0	45.0	15.0	15.061267382704045	0.0612673827040453
619	45.0	45.000000000000001	15.0	15.91450037535335	0.9145003753533505
620	45.0	45.0	15.0	15.666998856774322	0.6669988567743221
621	45.0	45.0	15.0	15.666998856774322	0.6669988567743221
622	45.0	45.0	15.0	15.0	0.0
623	45.0	44.999999999999986	15.0	14.967192147779064	0.03280785222093563
624	45.0	45.0	13.5	13.5	0.0
625	45.0	44.999999999999999	13.5	13.312149219557144	0.1878507804428562
626	45.0	45.000000000000001	13.5	13.218624395250956	0.28137560474904433
627	45.0	45.0	13.5	13.18817483452085	0.3118251654791493
628	45.0	44.999999999999999	12.0	12.110422341046378	0.11042234104637849
629	45.0	45.000000000000001	12.0	15.235153233034701	3.2351532330347013
630	45.0	45.0	12.0	12.033136544479175	0.033136544479175356
631	45.0	45.0	12.0	12.033136544479175	0.033136544479175356
632	45.0	45.0	12.0	12.0	0.0
633	45.0	45.0	12.0	12.166372365081118	0.1663723650811182
634	45.0	45.0	12.0	12.0	0.0
635	45.0	45.0	12.0	12.0	0.0
636	45.0	44.999999999999999	10.5	10.459123846334874	0.04087615366512587
637	45.0	45.0	10.5	10.5	0.0
638	45.0	45.000000000000001	10.5	10.454260327421176	0.04573967257882394



639	45.0	45.0	10.5	10.5	0.0
640	45.0	45.0	10.5	10.5	0.0
641	45.0	45.0	10.5	10.5	0.0
642	45.0	45.000000000000001	9.0	9.061655854727395	0.061655854727394654
643	45.0	45.0	9.0	9.52714047591799	0.5271404759179905
644	45.0	45.0	9.0	9.52714047591799	0.5271404759179905
645	45.0	45.0	9.0	9.52714047591799	0.5271404759179905
646	45.0	45.0	9.0	8.956248775862006	0.043751224137993816
647	45.0	45.0	9.0	9.17230647351743	0.17230647351743045
648	45.0	45.0	9.0	9.17230647351743	0.17230647351743045
649	45.0	45.0	9.0	9.17230647351743	0.17230647351743045
650	45.0	45.0	7.5	9.10661211032465	1.6066121103246491
651	27.0	27.489795918367353	36.0	36.000000000000001	0.4897959183673528
652	27.0	27.489795918367353	36.0	36.000000000000001	0.4897959183673528
653	27.0	27.0	36.0	36.0	0.0
654	28.5	22.932716487200977	36.0	35.99999999999999	5.567283512799023
655	28.5	27.26695749090086	36.0	36.0	1.233042509099139
656	28.5	27.26695749090086	36.0	36.0	1.233042509099139
657	28.5	27.315544416725107	36.0	36.0	1.184455583274893
658	28.5	28.77105101413645	36.0	36.0	0.27105101413645016
659	28.5	28.5	36.0	36.0	0.0
660	28.5	28.5	36.0	36.0	0.0
661	28.5	28.5	36.0	36.0	0.0
662	30.0	28.939493605762166	36.0	35.99999999999999	1.0605063942378337
663	30.0	30.0	36.0	36.0	0.0
664	30.0	29.752831320783017	36.0	36.0	0.24716867921698338
665	30.0	29.760057933698096	36.0	35.99999999999999	0.23994206630190362
666	30.0	29.760057933698096	36.0	35.99999999999999	0.23994206630190362
667	30.0	30.0	36.0	36.0	0.0
668	30.0	30.0	36.0	36.0	0.0
669	30.0	30.0	36.0	36.0	0.0
670	31.5	30.50498378127013	36.0	36.0	0.9950162187298695
671	31.5	30.50498378127013	36.0	36.0	0.9950162187298695
672	31.5	30.50498378127013	36.0	36.0	0.9950162187298695
673	31.5	30.524799791659383	36.0	36.0	0.9752002083406168
674	31.5	31.5	36.0	36.0	0.0
675	31.5	31.5	36.0	36.0	0.0
676	31.5	32.364568081991216	36.0	36.0	0.8645680819912158
677	33.0	33.0	36.0	36.0	0.0
678	33.0	32.83146067415731	36.0	36.0	0.16853932584268705

679	33.0	30.841261061946902	36.0	36.0	2.158738938053098
680	33.0	33.64560204953031	36.0	36.0	0.6456020495303108
681	33.0	33.64560204953031	36.0	36.0	0.6456020495303108
682	33.0	33.67523499589849	36.0	36.0	0.6752349958984922
683	33.0	33.67523499589849	36.0	36.0	0.6752349958984922
684	33.0	33.67523499589849	36.0	36.0	0.6752349958984922
685	33.0	33.7040349456798	36.0	36.0	0.7040349456798012
686	33.0	33.0	36.0	36.0	0.0
687	33.0	33.0	36.0	36.0	0.0
688	33.0	33.0	36.0	36.0	0.0
689	33.0	32.75889014722537	36.0	36.000000000000014	0.2411098527746276
690	33.0	31.07303157093952	36.0	36.0	1.92696842906048
691	34.5	33.75325152472628	36.0	35.99999999999999	0.7467484752737192
692	34.5	34.68987341772152	36.0	36.0	0.18987341772152178
693	34.5	34.68987341772152	36.0	36.0	0.18987341772152178
694	34.5	34.68987341772152	36.0	36.0	0.18987341772152178
695	34.5	35.82527179942312	36.0	36.000000000000001	1.3252717994231205
696	34.5	35.82527179942312	36.0	36.000000000000001	1.3252717994231205
697	34.5	35.82527179942312	36.0	36.000000000000001	1.3252717994231205
698	34.5	35.85233853006681	36.0	36.0	1.3523385300668096
699	36.0	35.917177914110425	36.0	35.99999999999999	0.08282208588957474
700	36.0	34.95614729756484	36.0	36.0	1.04385270243516
701	64.5	64.5	0.0	0.0	0.0
702	64.5	64.5	0.0	0.0	0.0
703	64.5	64.5	0.0	0.0	0.0
704	64.5	64.50667795650693	0.0	0.0	0.006677956506933924
705	64.5	64.5	0.0	0.0	0.0
706	66.0	66.0	0.0	0.0	0.0
707	66.0	66.0	0.0	0.0	0.0
708	66.0	66.0	0.0	0.0	0.0
709	66.0	66.0	0.0	0.0	0.0
710	66.0	66.65259233570315	0.0	0.0	0.6525923357031473
711	66.0	65.98134355498014	0.0	0.0	0.018656445019857415
712	66.0	65.98134355498014	0.0	0.0	0.018656445019857415
713	66.0	65.98134355498014	0.0	0.0	0.018656445019857415
714	66.0	65.98134355498014	0.0	0.0	0.018656445019857415
715	66.0	65.98071100434174	0.0	0.0	0.01928899565825759
716	67.5	66.8102407190218	0.0	0.0	0.6897592809781941
717	67.5	66.8102407190218	0.0	0.0	0.6897592809781941
718	67.5	66.8102407190218	0.0	0.0	0.6897592809781941

719	67.5	66.49300992819141	0.0	0.0	1.0069900718085876
720	67.5	68.36853146853149	0.0	0.0	0.8685314685314864
721	67.5	68.36853146853149	0.0	0.0	0.8685314685314864
722	67.5	68.34037493283448	0.0	0.0	0.8403749328344787
723	67.5	68.36853146853149	0.0	0.0	0.8685314685314864
724	67.5	68.36853146853149	0.0	0.0	0.8685314685314864
725	67.5	67.35793050792299	0.0	0.0	0.14206949207701314
726	67.5	67.5	0.0	0.0	0.0
727	67.5	67.5	0.0	0.0	0.0
728	67.5	67.5	0.0	0.0	0.0
729	69.0	69.0	0.0	0.0	0.0
730	69.0	69.0	0.0	0.0	0.0
731	69.0	69.0	0.0	0.0	0.0
732	69.0	69.0	0.0	0.0	0.0
733	69.0	69.0	0.0	0.0	0.0
734	69.0	68.92513181019332	0.0	0.0	0.0748681898066792
735	69.0	68.92513181019332	0.0	0.0	0.0748681898066792
736	69.0	68.92513181019332	0.0	0.0	0.0748681898066792
737	69.0	67.9676197836167	0.0	0.0	1.0323802163833022
738	69.0	68.23827254971388	0.0	0.0	0.7617274502861164
739	70.5	68.71397666324619	0.0	0.0	1.7860233367538143
740	70.5	70.5	0.0	0.0	0.0
741	70.5	70.5	0.0	0.0	0.0
742	70.5	70.5	0.0	0.0	0.0
743	70.5	70.5	0.0	0.0	0.0
744	70.5	70.389768097775	0.0	0.0	0.11023190222499579
745	70.5	70.5	0.0	0.0	0.0
746	70.5	70.5	0.0	0.0	0.0
747	70.5	70.56526225279451	0.0	0.065262252794497	0.09229476301300917
748	70.5	69.83663793103447	0.0	0.0	0.663362068965526
749	70.5	69.83953488372093	0.0	0.0	0.6604651162790702
750	70.5	69.83663793103447	0.0	0.0	0.663362068965526
751	52.5	52.764193677665375	31.5	31.500000000000007	0.26419367766537505
752	52.5	52.5	31.5	31.5	0.0
753	52.5	54.05859375379738	31.5	31.5	1.558593753797382
754	52.5	50.996901332692694	31.5	31.25564794948102	1.5228307615273042
755	52.5	50.992059452305824	31.5	31.256820726865527	1.527422945441904
756	52.5	50.992059452305824	31.5	31.256820726865527	1.527422945441904
757	52.5	50.234574763757664	31.5	31.37242912729295	2.269014285668313
758	51.0	50.234574763757664	31.5	31.37242912729295	0.7759833244599235

759	51.0	50.53347732181427	31.5	31.500000000000004	0.4665226781857328
760	51.0	50.53347732181427	31.5	31.500000000000004	0.4665226781857328
761	51.0	50.7288698152298	31.5	31.499999999999996	0.27113018477020034
762	51.0	49.440789473684205	31.5	31.5	1.5592105263157947
763	51.0	49.495557980049874	31.5	31.5	1.504442019950126
764	51.0	49.47290934016809	31.5	31.5	1.527090659831913
765	49.5	47.492624396673705	31.5	31.064558336079394	2.0540609181588443
766	49.5	48.87202136400985	31.5	31.5	0.6279786359901465
767	49.5	48.87202136400985	31.5	31.5	0.6279786359901465
768	49.5	48.83799087109759	31.5	31.5	0.6620091289024117
769	49.5	48.83799087109759	31.5	31.5	0.6620091289024117
770	49.5	48.80397264734613	31.5	31.5	0.6960273526538714
771	49.5	48.80397264734613	31.5	31.5	0.6960273526538714
772	49.5	48.80397264734613	31.5	31.5	0.6960273526538714
773	49.5	48.13863100316154	31.5	31.5	1.3613689968384577
774	49.5	48.13863100316154	31.5	31.5	1.3613689968384577
775	48.0	48.339393841987466	31.5	31.25361521060435	0.4193967625346563
776	48.0	48.06224758758781	31.5	31.499999999999996	0.06224758758781235
777	48.0	48.0	31.5	31.5	0.0
778	48.0	48.116146691541964	31.5	31.5	0.11614669154196378
779	48.0	49.16087093142004	31.5	31.5	1.1608709314200425
780	48.0	47.97166572735853	31.5	31.499999999999996	0.028334272641473035
781	48.0	47.97166572735853	31.5	31.499999999999996	0.028334272641473035
782	48.0	47.97166572735853	31.5	31.499999999999996	0.028334272641473035
783	48.0	47.97203617206702	31.5	31.5	0.027963827932978802
784	48.0	47.97203617206702	31.5	31.5	0.027963827932978802
785	46.5	48.66547760602457	31.5	31.500000000000004	2.1654776060245666
786	46.5	48.62669453946535	31.5	31.5	2.1266945394653476
787	46.5	48.62669453946535	31.5	31.5	2.1266945394653476
788	46.5	47.02875094064668	31.5	31.985624529676656	0.717919731626331
789	46.5	47.103383903452276	31.5	31.500000000000004	0.6033839034522757
790	46.5	47.103383903452276	31.5	31.500000000000004	0.6033839034522757
791	46.5	47.103383903452276	31.5	31.500000000000004	0.6033839034522757
792	46.5	46.456079920840835	31.5	31.52165452189969	0.048968272095832495
793	46.5	46.5	31.5	31.5	0.0
794	72.0	72.000000000000001	33.0	33.04170999149082	0.04170999149081922
795	72.0	72.0	33.0	33.11838368055297	0.11838368055296655
796	72.0	72.0	33.0	33.11838368055297	0.11838368055296655
797	72.0	68.80606299093428	33.0	32.31376659149729	3.2668256624474052
798	72.0	72.09567084227861	33.0	33.10948996394106	0.145399320033185

799	72.0	72.0	33.0	33.0	0.0
800	72.0	72.09890992209597	33.0	33.11386142194767	0.15082306221853392
801	4.5	3.9628636510384903	36.0	36.0	0.5371363489615097
802	4.5	3.9628636510384903	36.0	36.0	0.5371363489615097
803	4.5	3.9628636510384903	36.0	36.0	0.5371363489615097
804	4.5	4.5	36.0	36.0	0.0
805	4.5	4.5	36.0	36.0	0.0
806	6.0	6.0	36.0	36.0	0.0
807	6.0	6.188730084348641	36.0	36.0	0.18873008434864058
808	6.0	6.188730084348641	36.0	36.0	0.18873008434864058
809	6.0	4.7032215679595115	36.0	35.99999999999999	1.2967784320404885
810	6.0	4.7032215679595115	36.0	35.99999999999999	1.2967784320404885
811	6.0	4.7032215679595115	36.0	35.99999999999999	1.2967784320404885
812	6.0	4.7032215679595115	36.0	35.99999999999999	1.2967784320404885
813	6.0	4.7032215679595115	36.0	35.99999999999999	1.2967784320404885
814	6.0	5.219557664604695	36.0	36.0	0.7804423353953052
815	6.0	5.219557664604695	36.0	36.0	0.7804423353953052
816	6.0	5.219557664604695	36.0	36.0	0.7804423353953052
817	6.0	5.219557664604695	36.0	36.0	0.7804423353953052
818	6.0	4.588458798929063	36.0	36.0	1.4115412010709374
819	7.5	7.1921322690992024	36.0	36.0000000000000014	0.30786773090079755
820	7.5	7.5	36.0	36.0	0.0
821	7.5	4.7835820895522385	36.0	36.0	2.7164179104477615
822	7.5	5.098850207601405	36.0	36.0	2.401149792398595
823	7.5	5.098850207601405	36.0	36.0	2.401149792398595
824	7.5	5.098850207601405	36.0	36.0	2.401149792398595
825	7.5	5.098850207601405	36.0	36.0	2.401149792398595
826	7.5	5.098850207601405	36.0	36.0	2.401149792398595
827	9.0	9.507480479227514	36.0	36.0	0.5074804792275138
828	9.0	9.474313734475963	36.0	36.0	0.47431373447596314
829	9.0	9.507480479227514	36.0	36.0	0.5074804792275138
830	9.0	9.507480479227514	36.0	36.0	0.5074804792275138
831	9.0	9.507480479227514	36.0	36.0	0.5074804792275138
832	9.0	9.0	36.0	36.0	0.0
833	9.0	9.0	36.0	36.0	0.0
834	9.0	9.91026822095454	36.0	36.0	0.9102682209545403
835	9.0	9.91026822095454	36.0	36.0	0.9102682209545403
836	10.5	9.655382580422875	36.0	36.0	0.8446174195771246
837	10.5	9.655382580422875	36.0	36.0	0.8446174195771246
838	10.5	10.940209177579153	36.0	35.99999999999999	0.44020917757915257

839	10.5	10.628217581350171	36.0	35.99999999999999	0.12821758135017092
840	10.5	11.753604780135246	36.0	36.0	1.2536047801352463
841	10.5	11.853378881147265	36.0	36.0	1.3533788811472647
842	10.5	10.014889104886455	36.0	36.0	0.48511089511354477
843	12.0	12.357142857142858	36.0	36.0	0.35714285714285765
844	12.0	11.892320534223707	36.0	36.0	0.10767946577629317
845	12.0	11.892320534223707	36.0	36.0	0.10767946577629317
846	12.0	12.0	36.0	36.0	0.0
847	12.0	11.202294056308656	36.0	36.0	0.7977059436913443
848	12.0	11.202294056308656	36.0	36.0	0.7977059436913443
849	12.0	11.202294056308656	36.0	36.0	0.7977059436913443
850	12.0	11.202294056308656	36.0	36.0	0.7977059436913443
851	61.5	61.5	31.5	31.5	0.0
852	60.0	60.0	31.5	31.5	0.0
853	60.0	60.70759892314725	31.5	31.499999999999996	0.7075989231472519
854	60.0	60.8309749540116	31.5	31.499999999999996	0.8309749540116016
855	60.0	60.8309749540116	31.5	31.499999999999996	0.8309749540116016
856	60.0	60.8309749540116	31.5	31.499999999999996	0.8309749540116016
857	60.0	60.8309749540116	31.5	31.499999999999996	0.8309749540116016
858	60.0	60.8309749540116	31.5	31.499999999999996	0.8309749540116016
859	60.0	61.95463394995066	31.5	31.499999999999996	1.9546339499506615
860	60.0	60.988573825741966	31.5	31.500000000000004	0.9885738257419661
861	60.0	60.988573825741966	31.5	31.500000000000004	0.9885738257419661
862	60.0	60.96878542234697	31.5	31.500000000000004	0.9687854223469685
863	60.0	60.94830647052197	31.5	31.5	0.9483064705219704
864	60.0	60.94830647052197	31.5	31.5	0.9483064705219704
865	58.5	61.38494380154987	31.5	31.5	2.8849438015498734
866	58.5	61.340498937993345	31.5	31.500000000000004	2.8404989379933454
867	58.5	58.5	31.5	31.5	0.0
868	58.5	58.5	31.5	31.5	0.0
869	58.5	58.5	31.5	31.5	0.0
870	58.5	60.244050913115665	31.5	31.5	1.7440509131156645
871	58.5	58.315376558296194	31.5	31.5	0.18462344170380618
872	58.5	58.275066346773265	31.5	31.5	0.22493365322673498
873	58.5	58.315376558296194	31.5	31.5	0.18462344170380618
874	58.5	58.315376558296194	31.5	31.5	0.18462344170380618
875	58.5	58.315376558296194	31.5	31.5	0.18462344170380618
876	57.0	58.71597479347359	31.5	31.5	1.7159747934735918
877	57.0	58.754454364692585	31.5	31.5	1.7544543646925845
878	57.0	58.754454364692585	31.5	31.5	1.7544543646925845

879	57.0	58.754454364692585	31.5	31.5	1.7544543646925845
880	57.0	59.714211029100746	31.5	31.5	2.7142110291007455
881	57.0	55.181930972253554	31.5	31.499999999999996	1.8180690277464464
882	57.0	55.181930972253554	31.5	31.499999999999996	1.8180690277464464
883	57.0	55.19282764850961	31.5	31.5	1.8071723514903866
884	57.0	55.19282764850961	31.5	31.5	1.8071723514903866
885	57.0	57.0	31.5	31.5	0.0
886	55.5	56.871317526079274	31.5	31.499999999999993	1.3713175260792738
887	55.5	55.29773075074726	31.5	31.499999999999996	0.20226924925273693
888	55.5	55.29773075074726	31.5	31.499999999999996	0.20226924925273693
889	55.5	55.279962000517685	31.5	31.5	0.22003799948231517
890	55.5	55.279962000517685	31.5	31.5	0.22003799948231517
891	55.5	55.5	31.5	31.5	0.0
892	55.5	55.5	31.5	31.5	0.0
893	54.0	54.95600858369099	31.5	31.5	0.9560085836909877
894	54.0	54.073284126117294	31.5	31.499999999999996	0.07328412611729362
895	54.0	54.073284126117294	31.5	31.499999999999996	0.07328412611729362
896	54.0	50.73840994278951	31.5	31.5	3.2615900572104906
897	54.0	50.73840994278951	31.5	31.5	3.2615900572104906
898	54.0	50.58487800837279	31.5	31.500000000000004	3.4151219916272098
899	52.5	52.99317448688788	31.5	31.499999999999996	0.4931744868878809
900	52.5	52.764193677665375	31.5	31.500000000000007	0.26419367766537505
901	139.5	140.46815415821501	0.0	0.40527383367139963	1.0495567418333023
902	139.5	139.5	0.0	0.0	0.0
903	139.5	139.49999999999997	0.0	0.0	2.8421709430404007E-14
904	139.5	140.15097588978185	0.0	0.0	0.6509758897818472
905	139.5	140.15097588978185	0.0	0.0	0.6509758897818472
906	139.5	140.15097588978185	0.0	0.0	0.6509758897818472
907	139.5	139.51399186797417	0.0	0.0	0.013991867974169736
908	139.5	139.51399186797417	0.0	0.0	0.013991867974169736
909	139.5	140.66990117242187	0.0	0.0	1.1699011724218735
910	139.5	140.66990117242187	0.0	0.0	1.1699011724218735
911	141.0	141.0	0.0	0.0	0.0
912	141.0	139.72638556835471	0.0	0.0	1.273614431645285
913	141.0	140.63691443771242	0.0	0.0	0.36308556228757993
914	141.0	140.63691443771242	0.0	0.0	0.36308556228757993
915	141.0	140.04255319148936	0.0	0.0	0.9574468085106389
916	141.0	140.44025858225586	0.0	0.0	0.5597414177441351
917	141.0	140.5180048012803	0.0	0.0	0.4819951987196873
918	141.0	140.5180048012803	0.0	0.0	0.4819951987196873

919	142.5	142.48706541714134	0.0	0.3738306488495663	0.37405435093448025
920	142.5	142.48706541714134	0.0	0.3738306488495663	0.37405435093448025
921	142.5	140.97767253044657	0.0	0.0	1.5223274695534315
922	142.5	142.5	0.0	0.0	0.0
923	142.5	142.49614463206697	0.0	0.24463400676992914	0.2446643846787038
924	142.5	141.84636866434778	0.0	0.2952384412093251	0.7172166061338925
925	142.5	141.84636866434778	0.0	0.2952384412093251	0.7172166061338925
926	142.5	141.84636866434778	0.0	0.2952384412093251	0.7172166061338925
927	142.5	141.24299768116668	0.0	0.8974363060768915	1.5444891560050746
928	142.5	141.26884448955605	0.0	0.0	1.2311555104439549
929	142.5	141.26884448955605	0.0	0.0	1.2311555104439549
930	142.5	141.26884448955605	0.0	0.0	1.2311555104439549
931	144.0	144.0	0.0	0.9542660306133603	0.9542660306133603
932	144.0	144.0	0.0	0.9542660306133603	0.9542660306133603
933	144.0	144.0	0.0	0.9542660306133603	0.9542660306133603
934	144.0	143.80150303102505	0.0	0.4157103069743163	0.46066919369209264
935	144.0	143.80150303102505	0.0	0.4157103069743163	0.46066919369209264
936	144.0	143.80150303102505	0.0	0.4157103069743163	0.46066919369209264
937	144.0	143.80150303102505	0.0	0.4157103069743163	0.46066919369209264
938	144.0	144.0	0.0	0.0	0.0
939	144.0	144.0	0.0	0.0	0.0
940	144.0	144.0	1.5	1.5	0.0
941	144.0	144.0	1.5	1.5	0.0
942	144.0	144.0	1.5	1.5	0.0
943	144.0	144.0	1.5	1.5	0.0
944	144.0	144.0	1.5	1.5	0.0
945	144.0	143.547754811119	1.5	0.8793656450463292	0.7679275443782212
946	144.0	143.28059685982998	1.5	0.721927361714471	1.059687646684193
947	144.0	143.28059685982998	1.5	0.721927361714471	1.059687646684193
948	144.0	143.28059685982998	1.5	0.721927361714471	1.059687646684193
949	144.0	141.40965061441938	1.5	0.9979812532982636	2.6385474718901487
950	144.0	144.0	1.5	3.819069949198906	2.319069949198906
951	0.0	0.0	16.5	15.299700299700298	1.200299700299702
952	0.0	0.0	16.5	15.215832903558532	1.2841670964414682
953	0.0	0.0	16.5	16.5	0.0
954	0.0	0.0	16.5	16.5	0.0
955	0.0	0.0	16.5	16.5	0.0
956	0.0	0.0	16.5	16.142538975501115	0.3574610244988854
957	0.0	0.0	16.5	15.906081324217348	0.5939186757826516
958	0.0	0.0	18.0	15.906081324217348	2.0939186757826516



959	0.0	0.0	18.0	15.906081324217348	2.0939186757826516
960	0.0	0.0	18.0	16.288641265276777	1.7113587347232233
961	0.0	0.0	18.0	16.288641265276777	1.7113587347232233
962	0.0	0.0	18.0	16.288641265276777	1.7113587347232233
963	0.0	0.0	18.0	21.834341269233715	3.8343412692337147
964	0.0	0.0	18.0	21.834341269233715	3.8343412692337147
965	0.0	0.0	18.0	19.30194708576352	1.3019470857635191
966	0.0	0.0	18.0	18.0	0.0
967	0.0	0.0	18.0	18.0	0.0
968	0.0	0.0	19.5	18.216097504217814	1.2839024957821863
969	0.0	0.0	19.5	19.635246981795987	0.13524698179598715
970	0.0	0.0	19.5	19.473136411210607	0.026863588789392878
971	0.0	0.0	19.5	19.5	0.0
972	0.0	0.0	19.5	19.5	0.0
973	0.0	0.0	19.5	19.5	0.0
974	0.0	0.0	19.5	19.5	0.0
975	0.0	0.0	19.5	19.5	0.0
976	0.0	0.0	19.5	19.5	0.0
977	0.0	0.0	19.5	19.5	0.0
978	0.0	0.0	19.5	19.5	0.0
979	0.0	0.0	19.5	19.5	0.0
980	0.0	0.0	21.0	21.142999885554314	0.14299988555431398
981	0.0	0.0	21.0	21.142999885554314	0.14299988555431398
982	0.0	0.0	21.0	21.0	0.0
983	0.0	0.0	21.0	21.0	0.0
984	0.0	0.0	21.0	21.0	0.0
985	0.0	0.0	21.0	21.0	0.0
986	0.0	0.0	21.0	21.0	0.0
987	0.0	0.0	21.0	21.0	0.0
988	0.0	0.0	21.0	21.27547964955085	0.27547964955084936
989	0.0	0.0	21.0	21.27547964955085	0.27547964955084936
990	0.0	0.0	21.0	21.27547964955085	0.27547964955084936
991	0.0	0.0	22.5	19.96640216106703	2.5335978389329696
992	0.0	0.0	22.5	19.96640216106703	2.5335978389329696
993	0.0	0.0	22.5	19.96640216106703	2.5335978389329696
994	0.0	0.0	22.5	17.154961923833522	5.345038076166478
995	0.0	0.0	22.5	20.668878523093092	1.8311214769069082
996	0.0	0.0	22.5	19.738446608020535	2.761553391979465
997	0.0	0.0	22.5	22.5	0.0
998	0.0	0.0	22.5	22.5	0.0

999	0.0	0.0	22.5	22.820065944418275	0.32006594441827474
1000	0.0	0.0	22.5	22.820065944418275	0.32006594441827474
1001	118.5	118.49999999999999	21.0	21.439677290609495	0.43967729060949523
1002	118.5	118.50000000000001	19.5	20.47362658032272	0.9736265803227191
1003	118.5	118.50000000000001	19.5	20.47362658032272	0.9736265803227191
1004	118.5	118.50000000000001	19.5	20.47362658032272	0.9736265803227191
1005	118.5	118.49999999999997	19.5	20.938848920863308	1.4388489208633075
1006	118.5	118.49999999999997	19.5	20.938848920863308	1.4388489208633075
1007	118.5	118.5	19.5	22.98472124034103	3.484721240341031
1008	118.5	118.5	18.0	19.575944820211173	1.5759448202111734
1009	118.5	118.5	18.0	19.575944820211173	1.5759448202111734
1010	118.5	118.49999999999999	18.0	21.40717469456687	3.4071746945668693
1011	118.5	118.49999999999999	18.0	21.40717469456687	3.4071746945668693
1012	118.5	118.49999999999999	18.0	21.40717469456687	3.4071746945668693
1013	118.5	118.49999999999999	18.0	19.535092059228894	1.5350920592288944
1014	118.5	118.5	18.0	18.0	0.0
1015	118.5	118.5	16.5	16.5	0.0
1016	118.5	118.49999999999999	16.5	18.25625939035622	1.7562593903562203
1017	118.5	118.49999999999999	16.5	15.172403196066377	1.3275968039336234
1018	118.5	118.5	16.5	14.654426382879198	1.8455736171208024
1019	118.5	118.49999999999999	16.5	14.76758864677977	1.7324113532202308
1020	118.5	118.49999999999999	16.5	14.76758864677977	1.7324113532202308
1021	118.5	118.5	16.5	14.974101992795553	1.5258980072044466
1022	118.5	118.50000000000001	16.5	13.709131268552815	2.790868731447185
1023	118.5	118.50000000000003	15.0	12.226819833548237	2.7731801664517626
1024	118.5	118.5	15.0	15.0	0.0
1025	118.5	118.49999999999997	15.0	14.835370237239394	0.16462976276060637
1026	118.5	118.49999999999999	15.0	16.182458509307715	1.1824585093077147
1027	118.5	118.49999999999999	15.0	16.182458509307715	1.1824585093077147
1028	118.5	118.49999999999999	15.0	13.347416421167413	1.652583578832587
1029	118.5	118.49999999999999	15.0	13.347416421167413	1.652583578832587
1030	118.5	118.5	15.0	14.512570337667505	0.4874296623324952
1031	118.5	118.50000000000001	15.0	13.455417136691356	1.5445828633086442
1032	118.5	118.49999999999999	15.0	13.002230031085283	1.9977699689147173
1033	118.5	118.5	15.0	12.631252217098263	2.368747782901737
1034	118.5	118.5	13.5	12.504485035549905	0.9955149644500949
1035	118.5	118.49999999999997	13.5	11.43251397820624	2.0674860217937603
1036	118.5	118.5	13.5	11.398978303294683	2.101021696705317
1037	118.5	118.5	13.5	12.262079325941771	1.2379206740582287
1038	118.5	118.5	13.5	12.830824690108779	0.6691753098912212

1039	118.5	118.5	13.5	12.830824690108779	0.6691753098912212
1040	118.5	118.5	13.5	12.830824690108779	0.6691753098912212
1041	118.5	118.5	13.5	13.5	0.0
1042	118.5	118.5	13.5	13.5	0.0
1043	118.5	118.49999999999999	12.0	12.522288163278004	0.5222881632780041
1044	118.5	118.49999999999996	12.0	12.585740804444476	0.5857408044447592
1045	118.5	118.49999999999996	12.0	12.585740804444476	0.5857408044447592
1046	118.5	118.49999999999996	12.0	12.585740804444476	0.5857408044447592
1047	118.5	118.5	12.0	12.508105949966904	0.5081059499669038
1048	118.5	118.5	12.0	11.924359202839668	0.07564079716033234
1049	118.5	118.5	12.0	11.924359202839668	0.07564079716033234
1050	118.5	118.5	12.0	11.924359202839668	0.07564079716033234
1051	72.0	72.18739155581261	33.0	33.21081550028919	0.28206164282307766
1052	72.0	72.18739155581261	33.0	33.21081550028919	0.28206164282307766
1053	72.0	72.26785714285715	33.0	33.42857142857142	0.5053918463601763
1054	72.0	72.0	34.5	33.91746122371301	0.582538776286988
1055	72.0	74.02404108840564	34.5	34.72433613812698	2.036435373495562
1056	72.0	72.83484162895928	34.5	34.113122171945705	0.9201277081380586
1057	72.0	72.80976863753213	34.5	34.098971722365036	0.9036309677039119
1058	72.0	72.40177690029616	36.0	34.61796643632774	1.4392503078784562
1059	72.0	73.074748257165	36.0	35.316808675445394	1.273512544981744
1060	72.0	73.074748257165	36.0	35.316808675445394	1.273512544981744
1061	72.0	73.074748257165	36.0	35.316808675445394	1.273512544981744
1062	72.0	73.09812978819289	36.0	35.33483551149167	1.2838741482283678
1063	72.0	73.09812978819289	36.0	35.33483551149167	1.2838741482283678
1064	72.0	76.21122994652407	36.0	36.0	4.211229946524071
1065	72.0	76.32349329786146	36.0	36.0	4.323493297861461
1066	72.0	76.32349329786146	36.0	36.0	4.323493297861461
1067	72.0	76.40625796043135	36.0	36.0	4.406257960431347
1068	72.0	76.40625796043135	36.0	36.0	4.406257960431347
1069	72.0	72.0	36.0	36.0	0.0
1070	73.5	73.31595092024541	36.0	35.654554034922135	0.39141663039156555
1071	73.5	76.0032648903379	36.0	36.000000000000001	2.5032648903379027
1072	73.5	76.03665877215485	36.0	36.000000000000001	2.5366587721548512
1073	73.5	76.03665877215485	36.0	36.000000000000001	2.5366587721548512
1074	73.5	77.53737359934408	36.0	36.0	4.037373599344079
1075	73.5	74.2133368756642	36.0	36.000000000000001	0.7133368756641971
1076	73.5	73.5	36.0	36.0	0.0
1077	75.0	75.0	36.0	36.0	0.0
1078	75.0	75.0	36.0	36.0	0.0

1079	75.0	75.0	36.0	36.0	0.0
1080	75.0	75.0	36.0	36.0	0.0
1081	75.0	75.51394422310757	36.0	35.99999999999999	0.5139442231075719
1082	75.0	75.51394422310757	36.0	35.99999999999999	0.5139442231075719
1083	75.0	75.64367269267366	36.0	36.000000000000001	0.6436726926736611
1084	75.0	75.51394422310757	36.0	35.99999999999999	0.5139442231075719
1085	75.0	75.51394422310757	36.0	35.99999999999999	0.5139442231075719
1086	75.0	75.51394422310757	36.0	35.99999999999999	0.5139442231075719
1087	75.0	78.51641693603605	36.0	36.0	3.5164169360360518
1088	76.5	78.51641693603605	36.0	36.0	2.0164169360360518
1089	76.5	76.5	36.0	36.0	0.0
1090	76.5	76.5	36.0	36.0	0.0
1091	76.5	76.5	36.0	36.0	0.0
1092	76.5	77.09405581732511	36.0	36.0	0.5940558173251134
1093	76.5	76.5	36.0	36.0	0.0
1094	76.5	76.5	36.0	36.0	0.0
1095	76.5	78.37743089890284	36.0	36.0	1.877430898902844
1096	76.5	78.0	36.0	36.0	1.5
1097	78.0	78.0	36.0	36.0	0.0
1098	78.0	77.83411764705883	36.0	36.0	0.1658823529411677
1099	78.0	77.83411764705883	36.0	36.0	0.1658823529411677
1100	78.0	77.83411764705883	36.0	36.0	0.1658823529411677
1101	118.5	118.49999999999997	3.0	3.8700906344410866	0.8700906344410866
1102	118.5	118.5	1.5	1.5	0.0
1103	118.5	120.87964041318068	1.5	0.4546006548704273	2.599143760325708
1104	118.5	120.37866460028411	1.5	0.5986051917861294	2.0837210179473593
1105	118.5	120.25181315767871	1.5	1.2603769859318044	1.7681257105441863
1106	118.5	120.61506551549344	1.5	0.5628417671362049	2.313388788823428
1107	118.5	120.61506551549344	1.5	0.5628417671362049	2.313388788823428
1108	118.5	120.22906221442861	0.0	1.190323297685791	2.0991726213864217
1109	118.5	121.25637615889947	0.0	0.0	2.756376158899471
1110	118.5	120.81551787158631	0.0	2.1639384093377054	3.1692668636520005
1111	118.5	120.81551787158631	0.0	2.1639384093377054	3.1692668636520005
1112	118.5	118.49999999999999	0.0	1.721352886793166	1.721352886793166
1113	118.5	118.49999999999999	0.0	1.721352886793166	1.721352886793166
1114	118.5	118.49999999999999	0.0	2.1935575686253044	2.1935575686253044
1115	118.5	118.5	0.0	0.0	0.0
1116	118.5	118.5	0.0	0.0	0.0
1117	118.5	120.84395883265191	0.0	0.0	2.343958832651907
1118	118.5	118.5	0.0	0.0	0.0

1119	118.5	118.5	0.0	0.0	0.0
1120	118.5	120.35757707338254	0.0	0.0	1.8575770733825436
1121	118.5	121.3569607518092	0.0	0.0	2.856960751809197
1122	118.5	119.55113035654031	0.0	1.0689461252952426	1.4991733873119135
1123	120.0	120.7358563845855	0.0	0.0	0.7358563845855031
1124	120.0	121.9536398993169	0.0	0.0	1.9536398993168973
1125	120.0	121.55152918669725	0.0	0.5648017676889772	1.6511341114391735
1126	120.0	121.55152918669725	0.0	0.5648017676889772	1.6511341114391735
1127	120.0	120.0	0.0	0.0	0.0
1128	120.0	121.01366857262022	0.0	0.0	1.0136685726202188
1129	120.0	120.0	0.0	0.0	0.0
1130	121.5	121.25632176940263	0.0	0.0	0.24367823059736793
1131	121.5	121.25632176940263	0.0	0.0	0.24367823059736793
1132	121.5	121.5	0.0	0.0	0.0
1133	121.5	121.5	0.0	0.0	0.0
1134	121.5	121.19143093422913	0.0	0.0	0.3085690657708682
1135	121.5	121.19143093422913	0.0	0.0	0.3085690657708682
1136	121.5	121.19143093422913	0.0	0.0	0.3085690657708682
1137	121.5	121.5	0.0	0.0	0.0
1138	121.5	121.5	0.0	0.0	0.0
1139	121.5	122.74320368043949	0.0	0.0	1.2432036804394926
1140	121.5	121.77236695379545	0.0	0.0	0.27236695379545495
1141	123.0	120.80553964748907	0.0	1.7706081971972796	2.819700272497876
1142	123.0	121.59257183736733	0.0	0.0	1.4074281626326695
1143	123.0	121.59257183736733	0.0	0.0	1.4074281626326695
1144	123.0	121.59257183736733	0.0	0.0	1.4074281626326695
1145	123.0	121.62496149645764	0.0	0.0	1.3750385035423562
1146	123.0	121.47261683115083	0.0	0.0	1.5273831688491697
1147	123.0	121.47261683115083	0.0	0.0	1.5273831688491697
1148	123.0	121.47261683115083	0.0	0.0	1.5273831688491697
1149	123.0	123.0	0.0	0.0	0.0
1150	123.0	123.0	0.0	0.0	0.0
1151	144.0	144.0	12.0	11.835872993119267	0.164127006880733
1152	144.0	144.0	12.0	12.0	0.0
1153	144.0	144.0	12.0	12.439885686147708	0.43988568614770784
1154	144.0	144.0	12.0	12.53306009049992	0.5330600904999194
1155	144.0	144.0	12.0	12.53306009049992	0.5330600904999194
1156	144.0	144.0	12.0	12.806533647696874	0.8065336476968739
1157	144.0	144.0	12.0	11.617167474852723	0.3828325251472773
1158	144.0	144.0	12.0	11.617167474852723	0.3828325251472773

1159	144.0	144.0	13.5	13.5	0.0
1160	144.0	144.0	13.5	15.378665177324772	1.8786651773247716
1161	144.0	144.0	13.5	15.378665177324772	1.8786651773247716
1162	144.0	144.0	13.5	15.378665177324772	1.8786651773247716
1163	144.0	144.0	13.5	15.5509239200083	2.0509239200083
1164	144.0	143.99999999999997	13.5	15.084797798009738	1.5847977980097383
1165	144.0	143.99999999999997	13.5	15.084797798009738	1.5847977980097383
1166	144.0	143.99999999999997	13.5	15.084797798009738	1.5847977980097383
1167	144.0	144.0	13.5	14.795497173262387	1.2954971732623868
1168	144.0	144.0	13.5	13.5	0.0
1169	144.0	144.0	13.5	13.5	0.0
1170	144.0	144.0	13.5	13.197832915401168	0.3021670845988318
1171	144.0	144.0	15.0	15.0	0.0
1172	144.0	144.0	15.0	15.0	0.0
1173	144.0	144.0	15.0	15.990240752296508	0.9902407522965078
1174	144.0	144.0	15.0	15.990240752296508	0.9902407522965078
1175	144.0	144.0	15.0	13.752504801049714	1.2474951989502863
1176	144.0	143.99999999999997	15.0	13.429347163529844	1.5706528364701562
1177	144.0	144.0	15.0	12.350954587067022	2.6490454129329777
1178	144.0	144.0	15.0	12.350954587067022	2.6490454129329777
1179	144.0	144.0	15.0	14.175464046023357	0.8245359539766426
1180	144.0	144.0	16.5	17.23216448836468	0.7321644883646812
1181	144.0	143.99999999999997	16.5	17.40680304284419	0.9068030428441887
1182	144.0	144.0	16.5	16.5	0.0
1183	144.0	144.0	16.5	16.5	0.0
1184	144.0	143.99999999999997	18.0	17.68904526979517	0.31095473020483055
1185	144.0	144.0	18.0	18.0	0.0
1186	144.0	144.0	18.0	18.0	0.0
1187	144.0	144.0	18.0	18.0	0.0
1188	144.0	144.0	18.0	17.812328349099786	0.18767165090021365
1189	144.0	144.0	18.0	17.74968269524284	0.25031730475716074
1190	144.0	144.0	18.0	17.74968269524284	0.25031730475716074
1191	144.0	144.0	18.0	17.74968269524284	0.25031730475716074
1192	144.0	144.0	18.0	18.0	0.0
1193	144.0	144.0	19.5	17.709772951628825	1.7902270483711753
1194	144.0	144.0	19.5	17.709772951628825	1.7902270483711753
1195	144.0	144.0	19.5	17.709772951628825	1.7902270483711753
1196	144.0	144.0	19.5	19.5	0.0
1197	144.0	144.0	19.5	20.007494699070296	0.5074946990702962
1198	144.0	144.0	19.5	20.007494699070296	0.5074946990702962

1199	144.0	144.0	19.5	19.75726710056535	0.2572671005653504
1200	144.0	144.0	21.0	21.933213960211006	0.9332139602110061
1201	45.0	45.0	7.5	9.10661211032465	1.6066121103246491
1202	45.0	45.0	7.5	9.10661211032465	1.6066121103246491
1203	45.0	45.0	7.5	9.10661211032465	1.6066121103246491
1204	45.0	45.0	7.5	5.959519736311769	1.5404802636882309
1205	45.0	44.999999999999986	7.5	7.524319529693386	0.024319529693386244
1206	45.0	45.0	7.5	7.5	0.0
1207	45.0	45.0	7.5	7.5	0.0
1208	45.0	45.0	7.5	4.287320428656641	3.212679571343359
1209	45.0	44.99999999999999	7.5	4.410581354655404	3.0894186453445958
1210	45.0	44.99999999999999	7.5	4.410581354655404	3.0894186453445958
1211	45.0	44.99999999999999	7.5	4.410581354655404	3.0894186453445958
1212	45.0	45.0	7.5	4.45427845689792	3.04572154310208
1213	45.0	45.0	7.5	4.45427845689792	3.04572154310208
1214	45.0	45.0	7.5	5.524759979787772	1.9752400202122278
1215	45.0	45.0	7.5	5.524759979787772	1.9752400202122278
1216	45.0	45.0	7.5	5.524759979787772	1.9752400202122278
1217	45.0	45.0	7.5	5.531735230979275	1.968264769020725
1218	45.0	45.0	6.0	6.0	0.0
1219	45.0	45.0	6.0	6.0	0.0
1220	45.0	45.0	6.0	5.255657309333996	0.744342690666004
1221	45.0	45.0	6.0	6.0	0.0
1222	45.0	45.0	6.0	6.0	0.0
1223	45.0	45.000000000000001	6.0	5.976039478378056	0.02396052162194362
1224	45.0	45.000000000000001	6.0	5.976039478378056	0.02396052162194362
1225	45.0	44.99999999999999	6.0	5.838897639103029	0.1611023608969706
1226	45.0	45.0	6.0	4.6933690392962255	1.3066309607037745
1227	45.0	45.0	6.0	4.6933690392962255	1.3066309607037745
1228	45.0	45.0	6.0	4.424905032124936	1.5750949678750636
1229	45.0	45.0	6.0	4.424905032124936	1.5750949678750636
1230	45.0	45.0	4.5	3.1985870672708776	1.3014129327291224
1231	45.0	45.0	4.5	3.1985870672708776	1.3014129327291224
1232	45.0	45.0	4.5	3.1985870672708776	1.3014129327291224
1233	45.0	45.0	4.5	4.4117786233955725	0.08822137660442753
1234	45.0	45.0	4.5	4.5	0.0
1235	45.0	45.0	4.5	4.5	0.0
1236	45.0	45.0	4.5	4.5	0.0
1237	45.0	45.000000000000001	4.5	4.407847107063657	0.0921528929363431
1238	45.0	45.0	4.5	4.5	0.0

1239	45.0	45.0	3.0	3.0	0.0
1240	45.0	45.0	3.0	3.0	0.0
1241	45.0	45.0	3.0	3.0	0.0
1242	45.0	45.000000000000001	3.0	3.440657744829412	0.4406577448294118
1243	45.0	45.0	3.0	3.053698901972841	0.05369890197284111
1244	45.0	45.0	3.0	3.0960402809722134	0.0960402809722134
1245	45.0	45.000000000000001	3.0	2.974066557810883	0.025933442189117084
1246	45.0	45.0	3.0	3.0	0.0
1247	45.0	45.0	1.5	1.5	0.0
1248	45.0	45.0	1.5	1.5	0.0
1249	45.0	45.0	1.5	1.5	0.0
1250	45.0	45.0	1.5	1.5	0.0
1251	12.0	11.202294056308656	36.0	36.0	0.7977059436913443
1252	12.0	10.936189189877933	36.0	36.0	1.0638108101220674
1253	12.0	11.401853532189172	36.0	36.0	0.5981464678108281
1254	13.5	10.338366506520249	36.0	36.0	3.1616334934797514
1255	13.5	14.73045757864633	36.0	36.0	1.2304575786463303
1256	13.5	14.73045757864633	36.0	36.0	1.2304575786463303
1257	13.5	14.715638362858888	36.0	36.0	1.215638362858888
1258	13.5	14.715638362858888	36.0	36.0	1.215638362858888
1259	13.5	14.526792452830188	36.0	36.0	1.026792452830188
1260	13.5	13.5	36.0	36.0	0.0
1261	13.5	13.564540479335724	36.0	36.000000000000001	0.06454047933572404
1262	13.5	13.564540479335724	36.0	36.000000000000001	0.06454047933572404
1263	13.5	15.023117033603711	36.0	36.0	1.523117033603711
1264	15.0	14.912373871481678	36.0	36.0	0.08762612851832152
1265	15.0	14.912373871481678	36.0	36.0	0.08762612851832152
1266	15.0	14.912373871481678	36.0	36.0	0.08762612851832152
1267	15.0	14.912373871481678	36.0	36.0	0.08762612851832152
1268	15.0	14.986288326033137	36.0	36.0	0.013711673966863458
1269	15.0	14.986288326033137	36.0	36.0	0.013711673966863458
1270	15.0	12.148929052165906	36.0	36.0	2.851070947834094
1271	15.0	15.0	36.0	36.0	0.0
1272	15.0	15.0	36.0	36.0	0.0
1273	15.0	15.0	36.0	36.0	0.0
1274	16.5	16.5	36.0	36.0	0.0
1275	16.5	16.455135874209535	36.0	35.999999999999999	0.044864125790464726
1276	16.5	15.830059446885501	36.0	36.000000000000001	0.6699405531144986
1277	16.5	16.5	36.0	36.0	0.0
1278	16.5	16.5	36.0	36.0	0.0



1279	16.5	16.5	36.0	36.0	0.0
1280	16.5	16.5	36.0	36.0	0.0
1281	16.5	15.781955363936088	36.0	36.0	0.7180446360639117
1282	16.5	15.661041465766633	36.0	36.0	0.8389585342333667
1283	16.5	15.746550843127235	36.0	36.0	0.7534491568727653
1284	16.5	15.746550843127235	36.0	36.0	0.7534491568727653
1285	16.5	15.746550843127235	36.0	36.0	0.7534491568727653
1286	18.0	17.559190349621755	36.0	36.0	0.44080965037824527
1287	18.0	17.559190349621755	36.0	36.0	0.44080965037824527
1288	18.0	17.559190349621755	36.0	36.0	0.44080965037824527
1289	18.0	17.569389008289836	36.0	36.0	0.43061099171016437
1290	18.0	18.29633325018708	36.0	36.0	0.2963332501870788
1291	18.0	18.0	36.0	36.0	0.0
1292	18.0	18.0	36.0	36.0	0.0
1293	18.0	18.0	36.0	36.0	0.0
1294	19.5	18.709294830475702	36.0	36.000000000000001	0.7907051695242977
1295	19.5	19.050232850436387	36.0	36.0	0.44976714956361263
1296	19.5	19.050232850436387	36.0	36.0	0.44976714956361263
1297	19.5	19.101195952161916	36.0	36.0	0.3988040478380839
1298	19.5	19.101195952161916	36.0	36.0	0.3988040478380839
1299	19.5	19.101195952161916	36.0	36.0	0.3988040478380839
1300	19.5	18.856228668941984	36.0	36.000000000000001	0.6437713310580158
1301	118.5	118.5	30.0	30.0	0.0
1302	118.5	119.72074468085106	30.0	31.22074468085106	1.7263936838543805
1303	118.5	119.72074468085106	30.0	31.22074468085106	1.7263936838543805
1304	118.5	118.72009743747122	28.5	28.914761393279118	0.46954221890713393
1305	118.5	118.5	28.5	28.5	0.0
1306	118.5	118.69731480338119	28.5	28.35197180094521	0.2466687644367678
1307	118.5	118.5	28.5	28.174440832916233	0.3255591670837674
1308	118.5	118.5	28.5	28.29715962421465	0.20284037578534964
1309	118.5	118.5	27.0	27.0	0.0
1310	118.5	118.5	27.0	27.0	0.0
1311	118.5	118.5	27.0	27.0	0.0
1312	118.5	118.5	27.0	27.0	0.0
1313	118.5	118.65243984406504	27.0	28.433680602231487	1.4417621077256169
1314	118.5	118.49999999999999	27.0	27.08519807425305	0.08519807425305004
1315	118.5	118.49999999999999	27.0	27.08519807425305	0.08519807425305004
1316	118.5	119.38185890257559	25.5	30.88185890257559	5.453630017821521
1317	118.5	118.5	25.5	27.028398556951977	1.5283985569519771
1318	118.5	118.50000000000003	25.5	27.55510857977536	2.0551085797753608

1319	118.5	118.49999999999999	25.5	21.878343538511118	3.6216564614888824
1320	118.5	118.49999999999999	25.5	21.878343538511118	3.6216564614888824
1321	118.5	118.49999999999999	25.5	21.878343538511118	3.6216564614888824
1322	118.5	118.5	25.5	26.74820496207998	1.2482049620799813
1323	118.5	118.5	25.5	26.74820496207998	1.2482049620799813
1324	118.5	118.5	25.5	26.74820496207998	1.2482049620799813
1325	118.5	118.5	25.5	26.74820496207998	1.2482049620799813
1326	118.5	118.5	25.5	25.5	0.0
1327	118.5	118.5	24.0	26.65603179522707	2.6560317952270687
1328	118.5	118.50000000000001	24.0	23.310273081924578	0.6897269180754222
1329	118.5	118.50000000000001	24.0	23.310273081924578	0.6897269180754222
1330	118.5	118.50000000000001	24.0	22.8372905027933	1.1627094972066985
1331	118.5	118.5	24.0	22.47486134900572	1.525138650994279
1332	118.5	118.5	24.0	22.47486134900572	1.525138650994279
1333	118.5	118.5	24.0	25.454185432308496	1.4541854323084955
1334	118.5	118.5	24.0	24.0	0.0
1335	118.5	118.49999999999999	24.0	23.252709426760276	0.7472905732397237
1336	118.5	118.5	22.5	22.5	0.0
1337	118.5	118.5	22.5	22.5	0.0
1338	118.5	118.50000000000001	22.5	22.789521436103293	0.28952143610329273
1339	118.5	118.50000000000001	22.5	22.789521436103293	0.28952143610329273
1340	118.5	118.50000000000001	22.5	22.789521436103293	0.28952143610329273
1341	118.5	118.49999999999999	22.5	24.079358184023654	1.5793581840236541
1342	118.5	118.5	22.5	21.636936136885346	0.8630638631146539
1343	118.5	118.5	22.5	21.636936136885346	0.8630638631146539
1344	118.5	118.5	22.5	21.636936136885346	0.8630638631146539
1345	118.5	118.5	21.0	21.65879928271911	0.6587992827191087
1346	118.5	118.5	21.0	21.65879928271911	0.6587992827191087
1347	118.5	118.5	21.0	21.0	0.0
1348	118.5	118.5	21.0	21.0	0.0
1349	118.5	118.49999999999999	21.0	22.02992898207643	1.0299289820764308
1350	118.5	118.49999999999999	21.0	22.02992898207643	1.0299289820764308
1351	45.0	44.984774897680765	36.0	35.992060027285135	0.017171106759436915
1352	45.0	44.880111524163574	36.0	35.938661710037174	0.13466860233159403
1353	45.0	44.507462686567166	36.0	35.73134328358209	0.5610431680361913
1354	45.0	44.507462686567166	36.0	35.73134328358209	0.5610431680361913
1355	45.0	44.507462686567166	36.0	35.73134328358209	0.5610431680361913
1356	45.0	44.518417319110924	36.0	35.72957280226998	0.5523158044130391
1357	45.0	44.518417319110924	36.0	35.72957280226998	0.5523158044130391
1358	45.0	44.87198384399859	34.5	34.54735217404564	0.13649309354038971

1359	45.0	44.260557471800134	34.5	34.778968956837886	0.7903157162740905
1360	45.0	44.55639993659372	34.5	34.21837378591939	0.5254468010288318
1361	45.0	44.56267096788255	34.5	34.208866898438266	0.525371454456499
1362	45.0	45.031627628329716	34.5	34.36511682277131	0.13854161242409466
1363	45.0	45.0	34.5	34.5	0.0
1364	45.0	45.0	34.5	34.5	0.0
1365	45.0	45.0	34.5	34.5	0.0
1366	45.0	44.8096712525341	34.5	34.167722844746635	0.3829270687940545
1367	45.0	44.8096712525341	34.5	34.167722844746635	0.3829270687940545
1368	45.0	45.0	33.0	33.0	0.0
1369	45.0	45.0	33.0	32.981499135375095	0.018500864624904523
1370	45.0	45.0	33.0	33.0	0.0
1371	45.0	44.999999999999999	33.0	32.848465791784335	0.151534208215665
1372	45.0	44.999999999999999	33.0	32.790546281200484	0.2094537187995158
1373	45.0	45.0	33.0	32.45552683018757	0.5444731698124272
1374	45.0	44.999999999999999	33.0	32.46024342794433	0.5397565720556727
1375	45.0	45.0	33.0	32.10297144231848	0.8970285576815229
1376	45.0	46.65472890564364	31.5	31.499999999999996	1.654728905643637
1377	45.0	46.65472890564364	31.5	31.499999999999996	1.654728905643637
1378	45.0	46.877582353074	31.5	31.776421846424782	1.8978209951825735
1379	45.0	45.73258317226656	31.5	31.76723159743057	0.7798017895295112
1380	45.0	45.73414323810852	31.5	31.758309657852998	0.7782609931125931
1381	45.0	45.73414323810852	31.5	31.758309657852998	0.7782609931125931
1382	45.0	45.735383898611566	31.5	31.749584838316654	0.7765835884531017
1383	45.0	45.61517569137858	31.5	31.75017144782729	0.664098550345594
1384	45.0	46.312142971850704	31.5	31.500000000000004	1.3121429718507045
1385	45.0	46.312142971850704	31.5	31.500000000000004	1.3121429718507045
1386	45.0	46.312142971850704	31.5	31.500000000000004	1.3121429718507045
1387	45.0	46.312142971850704	31.5	31.500000000000004	1.3121429718507045
1388	45.0	45.0	31.5	31.5	0.0
1389	45.0	45.0	31.5	31.5	0.0
1390	45.0	45.0	31.5	31.5	0.0
1391	45.0	45.0	30.0	30.0	0.0
1392	45.0	45.0	30.0	30.0	0.0
1393	45.0	45.0	30.0	30.0	0.0
1394	45.0	45.19094611846238	30.0	30.0577215343776	0.1994798127298921
1395	45.0	45.0	30.0	30.08622063015575	0.08622063015575065
1396	45.0	45.0	30.0	30.08622063015575	0.08622063015575065
1397	45.0	45.0	30.0	30.031815163470178	0.031815163470177765
1398	45.0	45.0	30.0	30.0	0.0

1399	45.0	44.99999999999999	30.0	30.560542335041106	0.5605423350411058
1400	45.0	45.0	30.0	28.909292690145012	1.090707309854988
1401	124.5	123.18106006023478	0.0	0.0	1.3189399397652153
1402	124.5	124.16784660204414	0.0	1.1493067903028045	1.1963410792954328
1403	124.5	127.33102301862337	0.0	0.0	2.8310230186233696
1404	124.5	124.5	0.0	0.0	0.0
1405	124.5	125.65534732440175	0.0	0.0	1.1553473244017454
1406	124.5	127.48439778732256	0.0	0.0	2.984397787322564
1407	124.5	127.48439778732256	0.0	0.0	2.984397787322564
1408	124.5	127.97815714924701	0.0	0.0	3.4781571492470107
1409	124.5	124.70129691765268	0.0	0.0	0.20129691765268376
1410	126.0	125.49864068069044	0.0	0.0	0.5013593193095573
1411	126.0	125.56999913367412	0.0	0.0	0.43000086632588363
1412	126.0	126.0	0.0	0.0	0.0
1413	126.0	126.0	0.0	0.0	0.0
1414	126.0	127.08290015090306	0.0	0.0	1.0829001509030576
1415	126.0	128.01292246520873	0.0	0.0	2.0129224652087316
1416	126.0	128.01292246520873	0.0	0.0	2.0129224652087316
1417	126.0	128.0149544863459	0.0	0.0	2.014954486345914
1418	126.0	128.0149544863459	0.0	0.0	2.014954486345914
1419	126.0	128.0149544863459	0.0	0.0	2.014954486345914
1420	126.0	127.73529216687669	0.0	0.0	1.7352921668766896
1421	126.0	128.87583892617448	0.0	0.0	2.875838926174481
1422	126.0	128.87583892617448	0.0	0.0	2.875838926174481
1423	127.5	127.87384346086519	0.0	0.0	0.3738434608651886
1424	127.5	128.12429378531073	0.0	0.0	0.6242937853107264
1425	127.5	128.12429378531073	0.0	0.0	0.6242937853107264
1426	127.5	129.78871992803042	0.0	0.0	2.2887199280304173
1427	127.5	129.78871992803042	0.0	0.0	2.2887199280304173
1428	127.5	127.5	0.0	0.0	0.0
1429	127.5	128.94318375081997	0.0	0.0	1.4431837508199692
1430	129.0	129.0	0.0	0.0	0.0
1431	129.0	129.0	0.0	0.0	0.0
1432	129.0	129.70413193434092	0.0	0.0	0.7041319343409214
1433	129.0	129.70413193434092	0.0	0.0	0.7041319343409214
1434	129.0	129.68736335811107	0.0	0.0	0.687363358111071
1435	129.0	129.1931982633864	0.0	0.0	0.19319826338639245
1436	129.0	129.1931982633864	0.0	0.0	0.19319826338639245
1437	129.0	130.43380406001768	0.0	0.0	1.4338040600176782
1438	129.0	130.43380406001768	0.0	0.0	1.4338040600176782

1439	129.0	130.43380406001768	0.0	0.0	1.4338040600176782
1440	130.5	130.50527011642	0.0	0.0	0.005270116420007298
1441	130.5	130.5	0.0	0.0	0.0
1442	130.5	130.5	0.0	0.0	0.0
1443	130.5	130.5	0.0	0.0	0.0
1444	130.5	130.5	0.0	0.0	0.0
1445	130.5	130.42681742788946	0.0	0.0	0.07318257211053947
1446	130.5	129.21983805668015	0.0	0.0	1.280161943319854
1447	130.5	129.21983805668015	0.0	0.0	1.280161943319854
1448	130.5	129.21983805668015	0.0	0.0	1.280161943319854
1449	132.0	130.62399005593537	0.0	0.0	1.3760099440646343
1450	132.0	132.0	0.0	0.0	0.0
1451	72.0	72.0	9.0	8.994136307580142	0.005863692419858069
1452	72.0	72.0	9.0	9.025398029755829	0.025398029755828944
1453	72.0	72.0	9.0	9.006169954192764	0.006169954192763782
1454	72.0	72.0	9.0	9.0	0.0
1455	72.0	72.0	9.0	9.0	0.0
1456	72.0	72.0	10.5	10.5	0.0
1457	72.0	72.0	10.5	10.5	0.0
1458	72.0	72.0	10.5	12.985297763642828	2.485297763642828
1459	72.0	72.0	10.5	13.002289350062437	2.502289350062437
1460	72.0	72.0	10.5	13.002289350062437	2.502289350062437
1461	72.0	72.0	10.5	11.897908353680254	1.3979083536802541
1462	72.0	72.0	10.5	11.897908353680254	1.3979083536802541
1463	72.0	72.0	10.5	11.897908353680254	1.3979083536802541
1464	72.0	71.99999999999999	10.5	11.874146503768632	1.3741465037686318
1465	72.0	71.99999999999999	12.0	11.874146503768632	0.1258534962313682
1466	72.0	71.99999999999999	12.0	11.099136928056183	0.9008630719438173
1467	72.0	71.99999999999999	12.0	11.099136928056183	0.9008630719438173
1468	72.0	71.99999999999999	12.0	11.099136928056183	0.9008630719438173
1469	72.0	71.99999999999999	12.0	11.099136928056183	0.9008630719438173
1470	72.0	72.0	12.0	12.0	0.0
1471	72.0	72.0	12.0	12.0	0.0
1472	72.0	71.99999999999999	12.0	13.3141384718799	1.3141384718799003
1473	72.0	72.0	12.0	12.796881684650852	0.7968816846508524
1474	72.0	72.0	12.0	12.0	0.0
1475	72.0	72.0	12.0	12.0	0.0
1476	72.0	72.0	12.0	12.0	0.0
1477	72.0	72.0	12.0	12.297039624463206	0.2970396244632063
1478	72.0	72.0	12.0	13.215024885515191	1.2150248855151915

1479	72.0	72.0	13.5	13.5	0.0
1480	72.0	72.0	13.5	13.5	0.0
1481	72.0	72.0	13.5	13.5	0.0
1482	72.0	72.0	13.5	14.266722912726328	0.766722912726328
1483	72.0	72.0	13.5	14.266722912726328	0.766722912726328
1484	72.0	72.0	13.5	14.266722912726328	0.766722912726328
1485	72.0	72.0	13.5	14.266722912726328	0.766722912726328
1486	72.0	71.99999999999999	15.0	14.931218224234755	0.06878177576524536
1487	72.0	72.00000000000003	15.0	14.535299464700538	0.4647005352994622
1488	72.0	72.0	15.0	14.411163904971051	0.5888360950289488
1489	72.0	72.0	15.0	14.411163904971051	0.5888360950289488
1490	72.0	72.0	15.0	14.411163904971051	0.5888360950289488
1491	72.0	72.0	15.0	14.411163904971051	0.5888360950289488
1492	72.0	72.0	15.0	14.411163904971051	0.5888360950289488
1493	72.0	72.00000000000001	15.0	14.415343111178665	0.5846568888213355
1494	72.0	71.99999999999997	15.0	14.436399530466328	0.5636004695336716
1495	72.0	72.0	15.0	15.0	0.0
1496	72.0	72.0	15.0	15.0	0.0
1497	72.0	72.0	15.0	15.0	0.0
1498	72.0	72.00000000000001	16.5	15.351154376165248	1.1488456238347524
1499	72.0	72.00000000000001	16.5	15.351154376165248	1.1488456238347524
1500	72.0	72.0	16.5	15.690600114767793	0.8093998852322066
1501	45.0	45.0	30.0	28.909292690145012	1.090707309854988
1502	45.0	45.0	28.5	30.532161014733173	2.0321610147331732
1503	45.0	44.99999999999999	28.5	28.66623624132476	0.16623624132476067
1504	45.0	44.99999999999999	28.5	28.66623624132476	0.16623624132476067
1505	45.0	45.0	28.5	28.662187249013698	0.16218724901369796
1506	45.0	45.0	28.5	29.627341098057318	1.1273410980573182
1507	45.0	45.0	28.5	29.612317299843102	1.1123172998431023
1508	45.0	45.00000000000001	28.5	29.601494197600246	1.1014941976002461
1509	45.0	45.0	27.0	27.904872389791187	0.904872389791187
1510	45.0	45.0	27.0	27.884240240443205	0.884240240443205
1511	45.0	45.0	27.0	27.884240240443205	0.884240240443205
1512	45.0	45.0	27.0	27.737441940478234	0.7374419404782344
1513	45.0	45.0	27.0	27.0	0.0
1514	45.0	45.0	27.0	27.0	0.0
1515	45.0	45.00000000000001	27.0	26.385388479342577	0.614611520657423
1516	45.0	45.0	27.0	25.634276508318028	1.3657234916819725
1517	45.0	45.0	27.0	25.615258855585832	1.3847411444141677
1518	45.0	45.00000000000001	25.5	25.488512739765245	0.011487260234755325

1519	45.0	45.000000000000001	25.5	25.488512739765245	0.011487260234755325
1520	45.0	45.0	25.5	25.493818681318682	0.006181318681317549
1521	45.0	45.0	25.5	25.493876108973858	0.006123891026142303
1522	45.0	45.0	25.5	25.493876108973858	0.006123891026142303
1523	45.0	45.000000000000001	25.5	25.570254724732955	0.0702547247329548
1524	45.0	45.0	25.5	25.49342560553633	0.006574394463669364
1525	45.0	45.0	24.0	24.0	0.0
1526	45.0	45.0	24.0	24.0	0.0
1527	45.0	45.000000000000001	24.0	23.985299568573442	0.01470043142655797
1528	45.0	45.000000000000001	24.0	23.985002380065787	0.014997619934213446
1529	45.0	44.999999999999999	24.0	22.79616498551882	1.2038350144811787
1530	45.0	45.0	22.5	23.950042752732095	1.4500427527320952
1531	45.0	45.0	22.5	24.91748727628578	2.4174872762857795
1532	45.0	45.0	22.5	22.5	0.0
1533	45.0	45.0	22.5	22.5	0.0
1534	45.0	45.0	22.5	22.53883495145631	0.038834951456308886
1535	45.0	45.0	22.5	22.768591133291622	0.268591133291622
1536	45.0	45.0	21.0	21.047399605003292	0.04739960500329232
1537	45.0	45.0	21.0	21.0	0.0
1538	45.0	45.0	21.0	21.58049096567914	0.5804909656791395
1539	45.0	45.0	21.0	21.58049096567914	0.5804909656791395
1540	45.0	45.0	21.0	21.58049096567914	0.5804909656791395
1541	45.0	45.0	19.5	20.06168471422869	0.56168471422869
1542	45.0	45.0	19.5	19.43931955765224	0.06068044234775982
1543	45.0	45.0	19.5	19.5	0.0
1544	45.0	45.0	19.5	19.5	0.0
1545	45.0	44.999999999999999	19.5	16.203126198823462	3.296873801176538
1546	45.0	44.999999999999999	19.5	16.96566388938512	2.5343361106148805
1547	45.0	44.999999999999999	19.5	16.96566388938512	2.5343361106148805
1548	45.0	44.999999999999999	19.5	16.96566388938512	2.5343361106148805
1549	45.0	45.0	18.0	18.0	0.0
1550	45.0	45.0	18.0	18.0	0.0
1551	0.0	0.0	0.0	0.6985887096774193	0.6985887096774193
1552	0.0	0.0	0.0	0.6985887096774193	0.6985887096774193
1553	0.0	0.0	0.0	0.0	0.0
1554	0.0	0.0	0.0	2.853959372339131	2.853959372339131
1555	0.0	0.0	0.0	5.317741229669609	5.317741229669609
1556	0.0	0.0	0.0	5.317741229669609	5.317741229669609
1557	0.0	0.0	0.0	5.317741229669609	5.317741229669609
1558	0.0	0.0	0.0	1.8363286055548684	1.8363286055548684

1559	0.0	0.0	1.5	1.61089415566927	0.11089415566926997
1560	0.0	0.0	1.5	1.61089415566927	0.11089415566926997
1561	0.0	0.0	1.5	2.5351486695002703	1.0351486695002703
1562	0.0	0.0	1.5	3.628911138923655	2.128911138923655
1563	0.0	0.0	1.5	2.471020492651625	0.971020492651625
1564	0.0	0.0	1.5	2.471020492651625	0.971020492651625
1565	0.0	0.0	1.5	2.471020492651625	0.971020492651625
1566	0.0	0.0	1.5	2.471020492651625	0.971020492651625
1567	0.0	0.0	1.5	2.5342812621737436	1.0342812621737436
1568	0.0	0.0	1.5	2.5342812621737436	1.0342812621737436
1569	0.0	0.0	3.0	3.0	0.0
1570	0.0	0.0	3.0	3.0	0.0
1571	0.0	0.0	3.0	3.0	0.0
1572	0.0	0.0	3.0	3.0	0.0
1573	0.0	0.0	3.0	3.0	0.0
1574	0.0	0.0	3.0	3.852760373566615	0.8527603735666149
1575	0.0	0.0	3.0	3.852760373566615	0.8527603735666149
1576	0.0	0.0	3.0	3.852760373566615	0.8527603735666149
1577	0.0	0.0	3.0	3.8840736728060667	0.8840736728060667
1578	0.0	0.0	4.5	5.514684390006263	1.0146843900062628
1579	0.0	0.0	4.5	5.514684390006263	1.0146843900062628
1580	0.0	0.0	4.5	5.514684390006263	1.0146843900062628
1581	0.0	0.0	4.5	4.412938331318017	0.08706166868198295
1582	0.0	0.0	4.5	4.412938331318017	0.08706166868198295
1583	0.0	0.0	4.5	4.40607210626186	0.09392789373814026
1584	0.0	0.0	4.5	7.266612641815236	2.766612641815236
1585	0.0	0.0	4.5	7.266612641815236	2.766612641815236
1586	0.0	0.0	4.5	3.3764752163650673	1.1235247836349327
1587	0.0	0.0	6.0	5.42622020431328	0.5737797956867201
1588	0.0	0.0	6.0	5.564399142810044	0.43560085718995634
1589	0.0	0.0	6.0	5.564399142810044	0.43560085718995634
1590	0.0	0.0	6.0	5.564399142810044	0.43560085718995634
1591	0.0	0.0	6.0	5.564399142810044	0.43560085718995634
1592	0.0	0.0	6.0	5.874344382392289	0.12565561760771082
1593	0.0	0.0	6.0	6.0	0.0
1594	0.0	0.0	6.0	8.339141036734052	2.339141036734052
1595	0.0	0.0	6.0	8.339141036734052	2.339141036734052
1596	0.0	0.0	6.0	8.339141036734052	2.339141036734052
1597	0.0	0.0	7.5	6.824475292425959	0.6755247075740414
1598	0.0	0.0	7.5	4.699335548172757	2.8006644518272434



1599	0.0	0.0	7.5	7.5	0.0
1600	0.0	0.0	7.5	7.5	0.0
1601	54.0	54.08337691788926	0.0	0.0	0.08337691788926094
1602	54.0	54.0	0.0	0.0	0.0
1603	55.5	55.5	0.0	0.0	0.0
1604	55.5	55.52619689817936	0.0	0.0	0.02619689817935722
1605	55.5	55.5	0.0	0.0	0.0
1606	55.5	55.5	0.0	0.0	0.0
1607	55.5	55.75825351578848	0.0	0.0	0.258253515788482
1608	55.5	55.846192914885506	0.0	0.0	0.3461929148855063
1609	55.5	55.846192914885506	0.0	0.0	0.3461929148855063
1610	55.5	55.846192914885506	0.0	0.0	0.3461929148855063
1611	57.0	57.0	0.0	0.0	0.0
1612	57.0	56.884402345433465	0.0	0.0	0.11559765456653537
1613	57.0	57.0	0.0	0.0	0.0
1614	57.0	57.0	0.0	0.0	0.0
1615	57.0	57.0	0.0	0.0	0.0
1616	57.0	57.0	0.0	0.0	0.0
1617	57.0	57.04364063805805	0.0	0.0	0.04364063805805074
1618	57.0	56.82005998469654	0.0	0.0	0.17994001530345827
1619	57.0	56.82005998469654	0.0	0.0	0.17994001530345827
1620	58.5	58.444752475247526	0.0	0.0	0.055247524752473964
1621	58.5	58.444752475247526	0.0	0.0	0.055247524752473964
1622	58.5	58.444752475247526	0.0	0.0	0.055247524752473964
1623	58.5	58.46764017146548	0.0	0.0	0.03235982853451702
1624	58.5	58.5	0.0	0.0	0.0
1625	60.0	59.89593552908199	0.0	0.0	0.10406447091801141
1626	60.0	59.89593552908199	0.0	0.0	0.10406447091801141
1627	60.0	59.34761029411764	0.0	0.0	0.6523897058823565
1628	60.0	59.34761029411764	0.0	0.0	0.6523897058823565
1629	60.0	59.34348055997171	0.0	0.0	0.6565194400282905
1630	60.0	59.34348055997171	0.0	0.0	0.6565194400282905
1631	60.0	60.01219512195122	0.0	0.0	0.012195121951222632
1632	61.5	61.5	0.0	0.0	0.0
1633	61.5	61.370282739855654	0.0	0.0	0.12971726014434637
1634	61.5	61.15566037735849	0.0	0.0	0.3443396226415132
1635	61.5	61.15566037735849	0.0	0.0	0.3443396226415132
1636	61.5	61.15600348324967	0.0	0.0	0.3439965167503303
1637	61.5	61.15600348324967	0.0	0.0	0.3439965167503303
1638	61.5	60.92608695652174	0.0	0.0	0.5739130434782567

1639	61.5	61.67927271539191	0.0	0.0	0.17927271539191025
1640	61.5	61.67927271539191	0.0	0.0	0.17927271539191025
1641	63.0	62.75510204081631	0.0	0.0	0.24489795918368884
1642	63.0	63.0	0.0	0.0	0.0
1643	63.0	63.0	0.0	0.0	0.0
1644	63.0	62.69976793656932	0.0	0.0	0.300232063430677
1645	63.0	63.362667067127205	0.0	0.0	0.3626670671272052
1646	63.0	63.362667067127205	0.0	0.0	0.3626670671272052
1647	63.0	63.35740532159933	0.0	0.0	0.35740532159933025
1648	63.0	63.33937303807471	0.0	0.0	0.33937303807471153
1649	64.5	66.03724785300578	0.0	0.0	1.5372478530057805
1650	64.5	66.03724785300578	0.0	0.0	1.5372478530057805
1651	0.0	0.0	31.5	32.157763937352925	0.6577639373529252
1652	0.0	0.0	31.5	32.17408200195369	0.6740820019536926
1653	0.0	0.0	31.5	32.17408200195369	0.6740820019536926
1654	0.0	0.0	31.5	32.70951302378256	1.2095130237825629
1655	0.0	0.0	31.5	34.18626938924991	2.686269389249908
1656	0.0	0.0	31.5	34.18626938924991	2.686269389249908
1657	0.0	0.0	33.0	30.592563353595956	2.4074366464040438
1658	0.0	0.0	33.0	30.592563353595956	2.4074366464040438
1659	0.0	0.0	33.0	30.592563353595956	2.4074366464040438
1660	0.0	0.0	33.0	33.0	0.0
1661	0.0	0.0	33.0	33.0	0.0
1662	0.0	0.0	33.0	33.0	0.0
1663	0.0	0.0	33.0	33.0	0.0
1664	0.0	0.0	33.0	33.0	0.0
1665	0.0	0.07226762430568376	34.5	34.44622845731738	0.09007767939537566
1666	0.0	0.0	34.5	34.5	0.0
1667	0.0	0.5089885549690036	34.5	34.22698663405639	0.5775860516609582
1668	0.0	0.5438315403982604	34.5	34.23117418173494	0.6066465733009808
1669	0.0	0.5438315403982604	34.5	34.23117418173494	0.6066465733009808
1670	0.0	0.5782113292675932	34.5	34.23717666851473	0.6351412794539608
1671	0.0	0.6122433762489438	34.5	34.24476810657653	0.6633138557132932
1672	0.0	0.0	34.5	34.46776528941037	0.032234710589627014
1673	0.0	0.0	34.5	34.46776528941037	0.032234710589627014
1674	0.0	0.0	34.5	34.5	0.0
1675	0.0	0.3449553104114663	36.0	34.63044528544971	1.41232938166987
1676	0.0	0.3806574423956587	36.0	34.66561070545785	1.387622022684815
1677	0.0	0.2438554835625783	36.0	35.97615956786195	0.2450180872263677
1678	0.0	0.4433908393142322	36.0	35.9549072944943	0.44567789767678995

1679	0.0	0.4433908393142322	36.0	35.9549072944943	0.44567789767678995
1680	0.0	1.793117769853005	36.0	36.0	1.793117769853005
1681	0.0	3.5290939872790434	36.0	36.0	3.5290939872790434
1682	0.0	3.5464420816540354	36.0	36.0	3.5464420816540354
1683	0.0	3.5621257891916653	36.0	36.0	3.5621257891916653
1684	1.5	2.952033917230093	36.0	36.000000000000001	1.452033917230093
1685	1.5	2.8012668611320057	36.0	36.0	1.3012668611320057
1686	1.5	2.78003599820009	36.0	36.0	1.28003599820009
1687	1.5	3.347145258701202	36.0	36.000000000000001	1.847145258701202
1688	1.5	1.5	36.0	36.0	0.0
1689	1.5	1.5	36.0	36.0	0.0
1690	1.5	1.5	36.0	36.0	0.0
1691	1.5	1.5	36.0	36.0	0.0
1692	1.5	1.5	36.0	36.0	0.0
1693	3.0	3.6513944223107573	36.0	36.0	0.6513944223107573
1694	3.0	2.519150707743547	36.0	36.0	0.4808492922564529
1695	3.0	3.0	36.0	36.0	0.0
1696	3.0	3.0	36.0	36.0	0.0
1697	3.0	3.1568470899179557	36.0	35.999999999999999	0.1568470899179557
1698	3.0	3.0	36.0	36.0	0.0
1699	3.0	3.0	36.0	36.0	0.0
1700	3.0	3.0	36.0	36.0	0.0
1701	132.0	132.0	0.0	0.0	0.0
1702	132.0	132.0	0.0	0.0	0.0
1703	132.0	132.0	0.0	0.0	0.0
1704	132.0	130.76138809255033	0.0	0.0	1.2386119074496662
1705	132.0	130.76138809255033	0.0	0.0	1.2386119074496662
1706	132.0	130.76138809255033	0.0	0.0	1.2386119074496662
1707	133.5	131.74422791577354	0.0	0.0	1.7557720842264644
1708	133.5	128.2201309328969	0.0	0.0	5.279869067103107
1709	133.5	128.2201309328969	0.0	0.0	5.279869067103107
1710	133.5	128.97142395866967	0.0	0.0	4.528576041330325
1711	133.5	130.84583262454038	0.0	0.0	2.654167375459622
1712	133.5	129.2431091510474	0.0	0.0	4.256890848952594
1713	133.5	133.5	0.0	0.0	0.0
1714	133.5	133.5	0.0	0.0	0.0
1715	133.5	134.60348734202944	0.0	0.0	1.1034873420294389
1716	135.0	132.64774873521915	0.0	0.0	2.352251264780847
1717	135.0	132.64774873521915	0.0	0.0	2.352251264780847
1718	135.0	130.2498601946091	0.0	0.0	4.750139805390887

1719	135.0	135.0	0.0	0.0	0.0
1720	135.0	135.0	0.0	0.0	0.0
1721	135.0	130.9245283018868	0.0	0.0	4.075471698113205
1722	135.0	136.2319368520915	0.0	0.0	1.2319368520915077
1723	135.0	139.4624478442281	0.0	0.0	4.462447844228109
1724	135.0	139.4624478442281	0.0	0.0	4.462447844228109
1725	135.0	139.4624478442281	0.0	0.0	4.462447844228109
1726	135.0	139.4624478442281	0.0	0.0	4.462447844228109
1727	136.5	138.2377439482079	0.0	0.0	1.737743948207907
1728	136.5	138.2377439482079	0.0	0.0	1.737743948207907
1729	136.5	138.2377439482079	0.0	0.0	1.737743948207907
1730	136.5	134.6457842863413	0.0	12.194405650213477	12.334571134609313
1731	136.5	136.5	0.0	0.0	0.0
1732	136.5	136.5	0.0	0.0	0.0
1733	136.5	137.679543600267	0.0	0.0	1.17954360026701
1734	136.5	138.7644246584355	0.0	0.0	2.2644246584355017
1735	136.5	138.7644246584355	0.0	0.0	2.2644246584355017
1736	136.5	138.85555454521585	0.0	0.0	2.3555545452158526
1737	136.5	138.87551020408162	0.0	0.0	2.375510204081621
1738	136.5	138.87551020408162	0.0	0.0	2.375510204081621
1739	136.5	138.87551020408162	0.0	0.0	2.375510204081621
1740	136.5	139.52813534387641	0.0	0.0	3.0281353438764143
1741	136.5	139.52813534387641	0.0	0.0	3.0281353438764143
1742	138.0	139.08542132636288	0.0	0.0	1.0854213263628765
1743	138.0	140.39833200953137	0.0	0.0	2.398332009531373
1744	138.0	139.3944703123407	0.0	0.0	1.394470312340701
1745	138.0	139.4857868599806	0.0	0.0	1.4857868599806068
1746	138.0	139.51565176763745	0.0	0.0	1.5156517676374506
1747	138.0	139.51565176763745	0.0	0.0	1.5156517676374506
1748	138.0	139.51565176763745	0.0	0.0	1.5156517676374506
1749	138.0	139.4902049667373	0.0	0.0	1.4902049667373092
1750	138.0	139.4902049667373	0.0	0.0	1.4902049667373092
1751	118.5	118.49999999999999	12.0	13.135187183892986	1.1351871838929863
1752	118.5	118.49999999999999	12.0	12.416675955857762	0.4166759558577624
1753	118.5	118.49999999999999	12.0	12.416675955857762	0.4166759558577624
1754	118.5	118.49999999999999	12.0	12.416675955857762	0.4166759558577624
1755	118.5	118.5	12.0	12.0	0.0
1756	118.5	118.49999999999999	10.5	12.282808902532617	1.7828089025326168
1757	118.5	118.50000000000001	10.5	8.891950668556117	1.6080493314438833
1758	118.5	118.49999999999999	10.5	9.02078506892158	1.4792149310784204

1759	118.5	118.49999999999999	10.5	9.02078506892158	1.4792149310784204
1760	118.5	118.49999999999999	10.5	8.45770764771266	2.0422923522873404
1761	118.5	118.5	10.5	11.656626506024098	1.1566265060240983
1762	118.5	118.5	10.5	11.656626506024098	1.1566265060240983
1763	118.5	118.5	10.5	10.5	0.0
1764	118.5	118.50000000000003	9.0	9.559801405779316	0.5598014057793161
1765	118.5	118.5	9.0	9.0	0.0
1766	118.5	118.5	9.0	8.5501461802466	0.44985381975340033
1767	118.5	118.5	9.0	9.003394238790833	0.00339423879083256
1768	118.5	118.5	9.0	9.003394238790833	0.00339423879083256
1769	118.5	118.50000000000001	9.0	8.98945507221678	0.01054492778322036
1770	118.5	118.50000000000001	9.0	9.080133898073509	0.0801338980735089
1771	118.5	118.49999999999999	7.5	7.627232142857142	0.12723214285714235
1772	118.5	118.49999999999999	7.5	7.627232142857142	0.12723214285714235
1773	118.5	118.5	7.5	7.5	0.0
1774	118.5	118.5	7.5	7.5	0.0
1775	118.5	118.50000000000001	7.5	7.998432601880878	0.4984326018808778
1776	118.5	118.50000000000001	7.5	7.998432601880878	0.4984326018808778
1777	118.5	118.5	6.0	7.711220344969684	1.711220344969684
1778	118.5	118.5	6.0	7.711220344969684	1.711220344969684
1779	118.5	123.26712328767125	6.0	3.1438356164383565	5.557260064616703
1780	118.5	118.5	6.0	6.0	0.0
1781	118.5	118.5	6.0	6.0	0.0
1782	118.5	118.50000000000001	6.0	6.705760844617857	0.7057608446178572
1783	118.5	118.50000000000001	6.0	6.705760844617857	0.7057608446178572
1784	118.5	118.50000000000001	6.0	6.705760844617857	0.7057608446178572
1785	118.5	118.5	6.0	4.545591946227698	1.454408053772302
1786	118.5	118.5	6.0	6.2938144329896915	0.29381443298969145
1787	118.5	118.49999999999999	4.5	5.826383896477354	1.3263838964773544
1788	118.5	118.5	4.5	4.5	0.0
1789	118.5	118.5	4.5	4.5	0.0
1790	118.5	118.5	4.5	4.5	0.0
1791	118.5	118.5	4.5	4.5	0.0
1792	118.5	118.49999999999999	4.5	4.494782938628387	0.005217061371612708
1793	118.5	118.5	3.0	4.097709150740412	1.0977091507404122
1794	118.5	118.5	3.0	4.097709150740412	1.0977091507404122
1795	118.5	118.5	3.0	3.157926004332069	0.15792600433206916
1796	118.5	118.99580203269994	3.0	2.176093680954485	0.9615826944119388
1797	118.5	118.5	3.0	3.0	0.0
1798	118.5	118.5	3.0	3.0	0.0

1799	118.5	118.5	3.0	3.5807073954983926	0.5807073954983926
1800	118.5	118.49999999999997	3.0	3.8700906344410866	0.8700906344410866
1801	106.5	105.95749396640892	36.0	36.0	0.5425060335910814
1802	108.0	109.46227544910181	36.0	36.0	1.46227544910181
1803	108.0	110.42007434944239	36.0	36.000000000000001	2.4200743494423875
1804	108.0	109.53909805544063	36.0	36.0	1.5390980554406326
1805	108.0	109.53909805544063	36.0	36.0	1.5390980554406326
1806	108.0	99.77233854320261	36.0	36.0	8.227661456797392
1807	108.0	105.28398550279502	36.0	36.000000000000001	2.7160144972049807
1808	108.0	105.28398550279502	36.0	36.000000000000001	2.7160144972049807
1809	108.0	108.0	36.0	36.0	0.0
1810	109.5	105.84342831567952	36.0	36.0	3.6565716843204825
1811	109.5	102.060000000000002	36.0	36.0	7.4399999999999835
1812	109.5	109.5	36.0	36.0	0.0
1813	109.5	109.5	36.0	36.0	0.0
1814	109.5	109.5	36.0	36.0	0.0
1815	109.5	108.61764705882351	36.0	36.0	0.8823529411764923
1816	109.5	109.5	36.0	36.0	0.0
1817	109.5	109.5	36.0	36.0	0.0
1818	111.0	111.0	36.0	36.0	0.0
1819	111.0	111.0	36.0	36.0	0.0
1820	111.0	111.0	36.0	36.0	0.0
1821	111.0	111.0	36.0	36.0	0.0
1822	111.0	111.0	36.0	36.0	0.0
1823	111.0	111.0	36.0	36.0	0.0
1824	112.5	111.83661971830983	36.0	36.0	0.6633802816901664
1825	112.5	111.83661971830983	36.0	36.0	0.6633802816901664
1826	112.5	111.82971800433839	36.0	36.0	0.6702819956616111
1827	112.5	111.82971800433839	36.0	36.0	0.6702819956616111
1828	112.5	112.5	36.0	36.0	0.0
1829	112.5	112.5	36.0	36.0	0.0
1830	112.5	112.5	36.0	36.0	0.0
1831	112.5	112.5	36.0	36.0	0.0
1832	114.0	114.0	36.0	36.0	0.0
1833	114.0	114.0	36.0	36.0	0.0
1834	114.0	114.0	36.0	36.0	0.0
1835	114.0	114.0	36.0	36.0	0.0
1836	114.0	109.7693517542135	36.0	36.0	4.230648245786497
1837	114.0	114.0	36.0	36.0	0.0
1838	114.0	114.0	36.0	36.0	0.0

1839	114.0	114.0	36.0	36.0	0.0
1840	114.0	114.0	36.0	36.0	0.0
1841	114.0	114.0	36.0	36.0	0.0
1842	114.0	113.26315789473686	36.0	36.000000000000001	0.7368421052631362
1843	114.0	113.26315789473686	36.0	36.000000000000001	0.7368421052631362
1844	114.0	113.26315789473686	36.0	36.000000000000001	0.7368421052631362
1845	114.0	113.26315789473686	36.0	36.000000000000001	0.7368421052631362
1846	115.5	111.61855670103094	36.0	36.0	3.88144329896906
1847	115.5	115.5	36.0	36.0	0.0
1848	115.5	115.5	36.0	36.0	0.0
1849	115.5	114.88324873096443	36.0	35.999999999999986	0.616751269035575
1850	115.5	114.88324873096443	36.0	35.999999999999986	0.616751269035575
1851	70.5	69.24458165322581	0.0	0.0	1.2554183467741922
1852	70.5	70.7080123266564	0.0	0.20801232665639446	0.2941738534982606
1853	70.5	70.7080123266564	0.0	0.20801232665639446	0.2941738534982606
1854	70.5	70.70931682180851	0.0	0.20931682180851066	0.29601868823443056
1855	72.0	71.31927188673794	0.0	0.8192718867379372	1.0651747220923276
1856	72.0	71.80601114809319	0.0	0.47591931667802867	0.5139366406974732
1857	72.0	71.80601114809319	0.0	0.47591931667802867	0.5139366406974732
1858	72.0	71.80601114809319	0.0	0.47591931667802867	0.5139366406974732
1859	72.0	72.0	0.0	0.0	0.0
1860	72.0	72.0	0.0	0.0	0.0
1861	72.0	72.0	0.0	0.0	0.0
1862	72.0	71.99999999999999	1.5	1.961081544100094	0.46108154410009394
1863	72.0	72.0	1.5	1.5	0.0
1864	72.0	72.0	1.5	1.5	0.0
1865	72.0	72.000000000000003	1.5	1.5751808039468522	0.07518080394685223
1866	72.0	72.000000000000003	1.5	1.5751808039468522	0.07518080394685223
1867	72.0	72.000000000000003	1.5	1.5751808039468522	0.07518080394685223
1868	72.0	72.0	1.5	4.491438909081877	2.991438909081877
1869	72.0	72.0	1.5	4.5084466384257995	3.0084466384257995
1870	72.0	72.0	3.0	4.5249999999999995	1.5249999999999995
1871	72.0	72.0	3.0	4.5249999999999995	1.5249999999999995
1872	72.0	72.0	3.0	3.37824374531292	0.37824374531292015
1873	72.0	72.0	3.0	3.37824374531292	0.37824374531292015
1874	72.0	72.0	3.0	3.37824374531292	0.37824374531292015
1875	72.0	72.0	3.0	3.37824374531292	0.37824374531292015
1876	72.0	72.0	3.0	3.39068324927164	0.3906832492716399
1877	72.0	72.0	3.0	3.39068324927164	0.3906832492716399
1878	72.0	72.0	3.0	3.39068324927164	0.3906832492716399

1879	72.0	72.0	3.0	3.0	0.0
1880	72.0	72.0	4.5	4.5	0.0
1881	72.0	72.000000000000001	4.5	4.516679743513434	0.01667974351343382
1882	72.0	72.000000000000001	4.5	4.516679743513434	0.01667974351343382
1883	72.0	72.0	4.5	4.5	0.0
1884	72.0	72.0	4.5	4.5	0.0
1885	72.0	72.0	4.5	4.5	0.0
1886	72.0	72.000000000000001	6.0	5.432978265903603	0.5670217340963966
1887	72.0	72.0	6.0	5.721568331662127	0.27843166833787336
1888	72.0	72.0	6.0	6.0	0.0
1889	72.0	72.0	6.0	6.0	0.0
1890	72.0	72.0	6.0	6.0	0.0
1891	72.0	72.0	6.0	6.0	0.0
1892	72.0	72.0	7.5	7.5	0.0
1893	72.0	72.0	7.5	7.5	0.0
1894	72.0	72.0	7.5	7.5	0.0
1895	72.0	72.0	7.5	7.5	0.0
1896	72.0	72.0	7.5	7.5	0.0
1897	72.0	72.0	7.5	7.5	0.0
1898	72.0	72.0	7.5	7.615704636287853	0.11570463628785266
1899	72.0	72.0	7.5	7.615704636287853	0.11570463628785266
1900	72.0	72.0	9.0	9.0	0.0
1901	78.0	78.05956678700362	36.0	36.000000000000001	0.05956678700361806
1902	78.0	78.05956678700362	36.0	36.000000000000001	0.05956678700361806
1903	78.0	78.05956678700362	36.0	36.000000000000001	0.05956678700361806
1904	78.0	78.0	36.0	36.0	0.0
1905	79.5	79.5	36.0	36.0	0.0
1906	79.5	79.96936114732725	36.0	36.0	0.4693611473272483
1907	79.5	80.2537688442211	36.0	36.0	0.7537688442210992
1908	79.5	80.2537688442211	36.0	36.0	0.7537688442210992
1909	79.5	80.2537688442211	36.0	36.0	0.7537688442210992
1910	79.5	79.5	36.0	36.0	0.0
1911	79.5	79.5	36.0	36.0	0.0
1912	79.5	79.5	36.0	36.0	0.0
1913	79.5	79.5	36.0	36.0	0.0
1914	81.0	84.66797074332369	36.0	36.000000000000001	3.6679707433236928
1915	81.0	84.66797074332369	36.0	36.000000000000001	3.6679707433236928
1916	81.0	84.66797074332369	36.0	36.000000000000001	3.6679707433236928
1917	81.0	81.0	36.0	36.0	0.0
1918	81.0	81.0	36.0	36.0	0.0



1919	81.0	81.0	36.0	36.0	0.0
1920	81.0	81.28819591349146	36.0	36.000000000000001	0.2881959134914638
1921	81.0	81.0	36.0	36.0	0.0
1922	81.0	80.97748976807641	36.0	36.0	0.02251023192359014
1923	81.0	80.97748976807641	36.0	36.0	0.02251023192359014
1924	82.5	81.9674424362466	36.0	36.000000000000001	0.5325575637534001
1925	82.5	82.5	36.0	36.0	0.0
1926	82.5	82.5	36.0	36.0	0.0
1927	82.5	82.5	36.0	36.0	0.0
1928	82.5	82.71108742004265	36.0	36.0	0.21108742004264514
1929	82.5	82.71108742004265	36.0	36.0	0.21108742004264514
1930	82.5	81.94418604651163	36.0	36.000000000000001	0.5558139534883679
1931	84.0	84.0	36.0	36.0	0.0
1932	84.0	84.0	36.0	36.0	0.0
1933	84.0	84.0	36.0	36.0	0.0
1934	84.0	84.0	36.0	36.0	0.0
1935	84.0	84.0	36.0	36.0	0.0
1936	84.0	84.0	36.0	36.0	0.0
1937	84.0	84.0	36.0	36.0	0.0
1938	84.0	84.0	36.0	36.0	0.0
1939	85.5	85.36246902455507	36.0	36.0	0.13753097544493187
1940	85.5	91.74460810099947	36.0	36.0	6.244608100999471
1941	85.5	85.5	36.0	36.0	0.0
1942	85.5	85.5	36.0	36.0	0.0
1943	85.5	89.12903225806454	36.0	36.000000000000001	3.629032258064541
1944	85.5	89.12903225806454	36.0	36.000000000000001	3.629032258064541
1945	87.0	89.22289156626505	36.0	35.999999999999999	2.222891566265048
1946	87.0	89.22289156626505	36.0	35.999999999999999	2.222891566265048
1947	87.0	89.22289156626505	36.0	35.999999999999999	2.222891566265048
1948	87.0	89.24861367837337	36.0	36.000000000000001	2.248613678373374
1949	87.0	89.24861367837337	36.0	36.000000000000001	2.248613678373374
1950	87.0	89.24861367837337	36.0	36.000000000000001	2.248613678373374
1951	127.5	127.98387096774194	31.5	31.5	0.48387096774193594
1952	127.5	127.5	31.5	31.5	0.0
1953	127.5	127.5	31.5	31.5	0.0
1954	127.5	127.5	31.5	31.5	0.0
1955	127.5	127.0523159946035	31.5	31.5	0.44768400539649633
1956	126.0	126.77564253713747	31.5	31.5	0.7756425371374718
1957	126.0	126.77564253713747	31.5	31.5	0.7756425371374718
1958	126.0	126.0	31.5	31.5	0.0

1959	126.0	126.0	31.5	31.5	0.0
1960	126.0	126.0	31.5	31.5	0.0
1961	124.5	124.5	31.5	31.5	0.0
1962	124.5	124.5	31.5	31.5	0.0
1963	124.5	124.5	31.5	31.5	0.0
1964	124.5	126.59964552973614	31.5	31.500000000000004	2.0996455297361365
1965	124.5	126.59964552973614	31.5	31.500000000000004	2.0996455297361365
1966	124.5	126.22058823529412	31.5	31.5	1.720588235294116
1967	124.5	123.43888595027869	31.5	31.499999999999993	1.0611140497213114
1968	124.5	123.43888595027869	31.5	31.499999999999993	1.0611140497213114
1969	123.0	123.0	31.5	31.5	0.0
1970	123.0	123.0	31.5	31.5	0.0
1971	123.0	123.0	31.5	31.5	0.0
1972	123.0	122.42188545838464	31.5	31.243790146329562	0.6323447733198787
1973	123.0	122.42188545838464	31.5	31.243790146329562	0.6323447733198787
1974	121.5	120.96883272137309	31.5	31.18798565451285	0.6160289195108389
1975	121.5	120.96883272137309	31.5	31.18798565451285	0.6160289195108389
1976	121.5	121.5	31.5	31.5	0.0
1977	121.5	121.8518834830202	31.5	31.742263118261796	0.42721587528128935
1978	121.5	121.8518834830202	31.5	31.742263118261796	0.42721587528128935
1979	121.5	121.8518834830202	31.5	31.742263118261796	0.42721587528128935
1980	121.5	121.27894349095473	31.5	31.5	0.22105650904526897
1981	120.0	121.9501491138493	31.5	31.5	1.9501491138493066
1982	120.0	120.0	31.5	31.5	0.0
1983	120.0	120.0	31.5	31.5	0.0
1984	120.0	120.62682069311902	31.5	31.5	0.626820693119015
1985	120.0	120.62682069311902	31.5	31.5	0.626820693119015
1986	120.0	120.62682069311902	31.5	31.5	0.626820693119015
1987	120.0	120.43441105562252	31.5	30.853388152230067	0.7789864228107687
1988	0.0	0.0	7.5	7.5	0.0
1989	0.0	0.0	7.5	8.307568725455194	0.8075687254551944
1990	0.0	0.0	7.5	8.307568725455194	0.8075687254551944
1991	0.0	0.0	7.5	8.307568725455194	0.8075687254551944
1992	0.0	0.0	7.5	7.5	0.0
1993	0.0	0.0	9.0	9.17341040462428	0.17341040462427948
1994	0.0	0.0	9.0	9.095608239409248	0.09560823940924834
1995	0.0	0.0	9.0	9.095608239409248	0.09560823940924834
1996	0.0	0.0	9.0	9.054973821989533	0.05497382198953282
1997	0.0	0.0	9.0	11.400544631334892	2.400544631334892
1998	0.0	0.0	9.0	10.171379423645606	1.1713794236456057

1999	0.0	0.0	10.5	10.368578269014751	0.13142173098524879
2000	0.0	0.0	10.5	10.42486631988651	0.07513368011349009
2001	0.0	0.0	10.5	11.032046017816437	0.5320460178164375
2002	0.0	0.0	10.5	11.032046017816437	0.5320460178164375
2003	0.0	0.0	10.5	11.032046017816437	0.5320460178164375
2004	0.0	0.0	10.5	11.032046017816437	0.5320460178164375
2005	0.0	0.0	10.5	11.032046017816437	0.5320460178164375
2006	0.0	0.0	10.5	10.722222222222223	0.2222222222222232
2007	0.0	0.0	12.0	12.18466363300947	0.1846636330094693
2008	0.0	0.0	12.0	12.18466363300947	0.1846636330094693
2009	0.0	0.0	12.0	12.021441761849394	0.021441761849393615
2010	0.0	0.0	12.0	11.298690489401844	0.7013095105981559
2011	0.0	0.0	12.0	11.298690489401844	0.7013095105981559
2012	0.0	0.0	12.0	11.298690489401844	0.7013095105981559
2013	0.0	0.0	12.0	11.298690489401844	0.7013095105981559
2014	0.0	0.0	12.0	11.298690489401844	0.7013095105981559
2015	0.0	0.0	13.5	13.5	0.0
2016	0.0	0.0	13.5	7.278975399442049	6.221024600557951
2017	0.0	0.0	13.5	13.5	0.0
2018	0.0	0.0	13.5	13.5	0.0
2019	0.0	0.0	13.5	13.5	0.0
2020	0.0	0.0	13.5	13.5	0.0
2021	0.0	0.0	13.5	13.5	0.0
2022	0.0	0.0	13.5	13.132214135730738	0.36778586426926196
2023	0.0	0.0	13.5	13.630515800098344	0.13051580009834396
2024	0.0	0.0	13.5	13.630515800098344	0.13051580009834396
2025	0.0	0.0	13.5	13.630515800098344	0.13051580009834396
2026	0.0	0.0	13.5	13.630515800098344	0.13051580009834396
2027	0.0	0.0	13.5	13.630515800098344	0.13051580009834396
2028	0.0	0.0	15.0	14.877214329413363	0.12278567058663725
2029	0.0	0.0	15.0	14.877214329413363	0.12278567058663725
2030	0.0	0.0	15.0	14.877214329413363	0.12278567058663725
2031	0.0	0.0	15.0	14.762383302610456	0.23761669738954438
2032	0.0	0.0	15.0	15.0	0.0
2033	0.0	0.0	15.0	15.0	0.0
2034	0.0	0.0	15.0	15.0	0.0
2035	0.0	0.0	15.0	15.0	0.0
2036	0.0	0.0	15.0	15.0	0.0
2037	0.0	0.0	16.5	16.5	0.0
2038	19.5	19.5	36.0	36.0	0.0

2039	19.5	19.5	36.0	36.0	0.0
2040	19.5	21.28599221789883	36.0	36.0	1.78599221789883
2041	21.0	19.5	36.0	36.0	1.5
2042	21.0	21.0	36.0	36.0	0.0
2043	21.0	21.0	36.0	36.0	0.0
2044	21.0	21.0	36.0	36.0	0.0
2045	21.0	18.71076129008515	36.0	36.0	2.2892387099148515
2046	21.0	18.707033145718313	36.0	36.0	2.292966854281687
2047	21.0	18.703547821155787	36.0	36.0	2.2964521788442127
2048	21.0	19.532213894494088	36.0	36.0	1.4677861055059118
2049	22.5	22.296808313230656	36.0	36.0	0.20319168676934396
2050	22.5	22.298697497438898	36.0	36.0	0.20130250256110216
2051	22.5	22.25188662688663	36.0	36.0	0.24811337311336956
2052	22.5	22.5	36.0	36.0	0.0
2053	22.5	22.5	36.0	36.0	0.0
2054	22.5	22.5	36.0	36.0	0.0
2055	22.5	22.5	36.0	36.0	0.0
2056	22.5	22.519470793809287	36.0	36.000000000000001	0.019470793809286846
2057	22.5	22.41265397536394	36.0	36.0	0.08734602463605867
2058	22.5	22.40769390151254	36.0	36.000000000000001	0.09230609848745885
2059	22.5	22.63979289940828	36.0	35.999999999999986	0.1397928994082811
2060	22.5	22.63979289940828	36.0	35.999999999999986	0.1397928994082811
2061	22.5	22.75741029641185	36.0	35.99999999999999	0.25741029641185165
2062	24.0	23.138740272373543	36.0	36.0	0.8612597276264573
2063	24.0	21.894778732887616	36.0	36.0	2.105221267112384
2064	24.0	21.823339483394832	36.0	36.0	2.1766605166051676
2065	24.0	21.75330396475771	36.0	36.0	2.246696035242291
2066	24.0	21.75330396475771	36.0	36.0	2.246696035242291
2067	24.0	20.00519447611808	36.0	36.000000000000001	3.9948055238819187
2068	24.0	19.746518105849585	36.0	36.0	4.253481894150415
2069	24.0	19.74129353233831	36.0	36.0	4.258706467661689
2070	24.0	19.74129353233831	36.0	36.0	4.258706467661689
2071	25.5	20.131500852714538	36.0	36.0	5.368499147285462
2072	25.5	24.442288753200714	36.0	36.000000000000001	1.0577112467992862
2073	25.5	24.900410092840463	36.0	36.0	0.5995899071595368
2074	25.5	25.5	36.0	36.0	0.0
2075	25.5	25.5	36.0	36.0	0.0
2076	25.5	22.594515752625437	36.0	36.0	2.905484247374563
2077	25.5	25.5	36.0	36.0	0.0
2078	25.5	25.5	36.0	36.0	0.0

2079	25.5	25.5	36.0	36.0	0.0
2080	25.5	25.5	36.0	36.0	0.0
2081	27.0	28.84735706580367	36.0	36.0	1.8473570658036707
2082	27.0	28.84735706580367	36.0	36.0	1.8473570658036707
2083	27.0	28.84735706580367	36.0	36.0	1.8473570658036707
2084	27.0	27.489795918367353	36.0	36.000000000000001	0.4897959183673528
2085	27.0	27.489795918367353	36.0	36.000000000000001	0.4897959183673528
2086	27.0	27.489795918367353	36.0	36.000000000000001	0.4897959183673528
2087	27.0	27.489795918367353	36.0	36.000000000000001	0.4897959183673528
2088	144.0	144.0	21.0	21.933213960211006	0.9332139602110061
2089	144.0	144.0	21.0	21.933213960211006	0.9332139602110061
2090	144.0	144.0	21.0	19.41957476311532	1.580425236884679
2091	144.0	144.0	21.0	19.41957476311532	1.580425236884679
2092	144.0	144.0	21.0	19.284822456388916	1.7151775436110839
2093	144.0	144.000000000000003	21.0	21.296208788344718	0.29620878834471753
2094	144.0	144.000000000000003	21.0	21.296208788344718	0.29620878834471753
2095	144.0	144.0	22.5	22.87029166124142	0.37029166124142066
2096	144.0	144.0	22.5	22.87029166124142	0.37029166124142066
2097	144.0	144.0	22.5	22.87029166124142	0.37029166124142066
2098	144.0	143.99999999999997	22.5	22.979435957696825	0.47943595769682545
2099	144.0	144.0	22.5	24.925712767841333	2.4257127678413326
2100	144.0	144.0	22.5	24.925712767841333	2.4257127678413326
2101	144.0	144.0	22.5	22.5	0.0
2102	144.0	144.0	22.5	22.921202560022692	0.4212025600226923
2103	144.0	143.99999999999997	22.5	24.648109105283964	2.1481091052839645
2104	144.0	144.0	24.0	24.04693753790176	0.046937537901758475
2105	144.0	144.0	24.0	24.0	0.0
2106	144.0	144.0	24.0	24.0	0.0
2107	144.0	144.0	24.0	25.433524018078074	1.4335240180780744
2108	144.0	144.0	24.0	25.433524018078074	1.4335240180780744
2109	144.0	144.0	24.0	25.433524018078074	1.4335240180780744
2110	144.0	143.99999999999997	24.0	26.222640944694106	2.2226409446941062
2111	144.0	144.0	24.0	26.533666983461636	2.533666983461636
2112	144.0	144.0	24.0	26.533666983461636	2.533666983461636
2113	144.0	144.0	24.0	26.533666983461636	2.533666983461636
2114	144.0	144.0	24.0	26.697629565109192	2.6976295651091924
2115	144.0	143.99999999999997	24.0	26.98462099291426	2.984620992914259
2116	144.0	143.99999999999997	24.0	26.98462099291426	2.984620992914259
2117	144.0	144.0	25.5	25.5	0.0
2118	144.0	144.0	25.5	27.01400786406404	1.514007864064041

2119	144.0	144.0	25.5	25.5	0.0
2120	144.0	144.000000000000003	25.5	27.319201651754998	1.819201651754998
2121	144.0	144.000000000000003	25.5	27.319201651754998	1.819201651754998
2122	144.0	143.999999999999997	25.5	26.684385889189496	1.184385889189496
2123	144.0	143.999999999999997	25.5	26.684385889189496	1.184385889189496
2124	144.0	144.0	27.0	26.961060311035283	0.038939688964717334
2125	144.0	144.0	27.0	26.961060311035283	0.038939688964717334
2126	144.0	144.0	27.0	27.0	0.0
2127	144.0	144.0	27.0	26.769000082402602	0.2309999175973978
2128	144.0	144.0	27.0	26.769000082402602	0.2309999175973978
2129	144.0	143.999999999999997	27.0	26.665427509293675	0.334572490706325
2130	144.0	143.999999999999997	27.0	26.665427509293675	0.334572490706325
2131	144.0	144.000000000000003	27.0	27.635070277682555	0.635070277682555
2132	144.0	144.0	28.5	27.685934553707014	0.8140654462929859
2133	144.0	144.0	28.5	27.685934553707014	0.8140654462929859
2134	144.0	144.0	28.5	28.5	0.0
2135	144.0	144.0	28.5	28.5	0.0
2136	144.0	144.0	28.5	28.17942583249447	0.32057416750553
2137	144.0	144.0	28.5	28.17942583249447	0.32057416750553

The precision within 2m :1858 / 2137=0.869443144595227 The average distance :1823.4117776523728 / 2137=0.8532577340441614