

Program Leq Professional 6-2016 - Wydruk danych

Źródła punktowe

Nr, Symbol, X[m], Y[m], Z[m], PmA [dB]

1, kst, 913.9, 1249.1, 1.5, 64.5
 2, kham, 1029.3, 1139.4, 1.5, 57.0
 3, kjaz, 965.4, 1193.1, 1.5, 57.8
 4, scst, 909.4, 1231.2, 1.0, 67.3
 5, scst, 1023.7, 1159.5, 1.0, 67.3
 6, scham, 892.6, 1221.1, 1.0, 60.0
 7, scham, 996.8, 1125.9, 1.0, 60.0
 8, scjaz, 968.8, 1159.5, 1.0, 60.8
 9, scjaz, 915.0, 1190.9, 1.0, 60.8

Ekranry akustyczne

Nr, X1 [m], Y1 [m], X2 [m], Y2 [m], X3 [m], Y3 [m], X4 [m], Y4 [m], ho [m], h [m]

1, 1177.1, 1129.3, 1168.2, 1118.1, 1177.1, 1109.1, 1186.1, 1122.6, 0.0, 8.0
 2, 1273.4, 1263.7, 1267.8, 1255.8, 1283.5, 1244.6, 1285.8, 1258.1, 0.0, 8.0
 3, 1077.4, 1305.1, 1088.6, 1297.3, 1081.9, 1289.4, 1070.7, 1297.3, 0.0, 8.0
 4, 1048.3, 1328.6, 1057.3, 1321.9, 1049.4, 1313.0, 1041.6, 1323.0, 0.0, 8.0
 5, 993.4, 1375.7, 1001.3, 1371.2, 995.7, 1365.6, 989.0, 1369.0, 0.0, 8.0
 6, 955.4, 1412.6, 948.6, 1404.8, 956.5, 1397.0, 965.4, 1404.8, 0.0, 8.0
 7, 934.1, 1437.3, 940.8, 1428.3, 930.7, 1422.7, 922.9, 1428.3, 0.0, 8.0
 8, 893.8, 1460.8, 903.8, 1454.1, 896.0, 1441.8, 884.8, 1454.1, 0.0, 8.0
 9, 882.6, 1495.5, 893.8, 1484.3, 885.9, 1479.8, 878.1, 1489.9, 0.0, 8.0
 10, 934.1, 1473.1, 945.3, 1483.2, 952.0, 1474.2, 944.2, 1465.3, 0.0, 8.0
 11, 144.5, 1454.1, 155.7, 1460.8, 161.3, 1453.0, 153.4, 1444.0, 0.0, 8.0
 12, 129.9, 1468.6, 137.8, 1459.7, 150.1, 1470.9, 142.2, 1478.7, 0.0, 8.0
 13, 86.2, 1466.4, 93.0, 1470.9, 103.0, 1461.9, 93.0, 1455.2, 0.0, 8.0
 14, 109.8, 1428.3, 119.8, 1440.6, 133.3, 1426.1, 119.8, 1417.1, 0.0, 8.0
 15, 946.4, 803.4, 935.2, 795.5, 944.2, 786.6, 956.5, 797.8, 0.0, 6.0
 16, 888.2, 772.0, 894.9, 777.6, 899.4, 769.8, 889.3, 763.0, 0.0, 6.0
 17, 915.0, 751.8, 926.2, 738.4, 889.3, 712.6, 887.0, 727.2, 0.0, 6.0
 18, 1161.4, 1094.6, 1170.4, 1085.6, 1141.3, 1064.3, 1134.6, 1075.5, 0.0, 6.0
 19, 1117.8, 1103.5, 1148.0, 1119.2, 1152.5, 1110.2, 1121.1, 1094.6, 0.0, 6.0
 20, 1122.2, 1094.6, 1134.6, 1074.4, 1143.5, 1082.2, 1131.2, 1100.2, 0.0, 6.0
 21, 1160.3, 1132.6, 1153.6, 1127.0, 1157.0, 1122.6, 1163.7, 1124.8, 0.0, 6.0
 22, 1276.8, 1229.0, 1281.3, 1227.8, 1269.0, 1205.4, 1261.1, 1208.8, 0.0, 6.0
 23, 1262.2, 1244.6, 1247.7, 1220.0, 1238.7, 1221.1, 1252.2, 1249.1, 0.0, 6.0
 24, 1267.8, 1204.3, 1243.2, 1220.0, 1236.5, 1212.2, 1263.4, 1197.6, 0.0, 6.0
 25, 1089.8, 1255.8, 1127.8, 1225.6, 1114.4, 1208.8, 1079.7, 1235.7, 0.0, 6.0
 26, 1079.7, 1285.0, 1069.6, 1270.4, 1074.1, 1268.2, 1089.8, 1281.6, 0.0, 6.0
 27, 1066.2, 1264.8, 1056.2, 1255.8, 1058.4, 1251.4, 1073.0, 1267.0, 0.0, 6.0
 28, 1055.0, 1298.4, 1023.7, 1274.9, 1030.4, 1273.8, 1059.5, 1292.8, 0.0, 6.0
 29, 1059.5, 1253.6, 1029.3, 1274.9, 1022.6, 1269.3, 1053.9, 1243.5, 0.0, 6.0
 30, 1046.1, 1305.1, 1020.3, 1286.1, 1018.1, 1295.0, 1039.4, 1310.7, 0.0, 6.0
 31, 1009.1, 1325.3, 1014.7, 1320.8, 997.9, 1304.0, 990.1, 1307.4, 0.0, 6.0
 32, 1004.6, 1306.2, 1022.6, 1285.0, 1015.8, 1279.4, 996.8, 1299.5, 0.0, 6.0
 33, 984.5, 1346.6, 968.8, 1330.9, 964.3, 1337.6, 977.8, 1351.0, 0.0, 6.0
 34, 963.2, 1372.3, 968.8, 1369.0, 953.1, 1355.5, 947.5, 1361.1, 0.0, 6.0
 35, 954.2, 1351.0, 966.6, 1337.6, 957.6, 1328.6, 941.9, 1346.6, 0.0, 6.0
 36, 953.1, 1382.4, 927.4, 1362.2, 925.1, 1367.8, 945.3, 1383.5, 0.0, 6.0
 37, 925.1, 1363.4, 918.4, 1355.5, 903.8, 1369.0, 915.0, 1379.0, 0.0, 6.0
 38, 894.9, 1399.2, 901.6, 1407.0, 913.9, 1395.8, 907.2, 1385.8, 0.0, 6.0
 39, 927.4, 1407.0, 931.8, 1404.8, 921.8, 1394.7, 919.5, 1400.3, 0.0, 6.0
 40, 913.9, 1447.4, 921.8, 1441.8, 912.8, 1433.9, 905.0, 1438.4, 0.0, 6.0
 41, 862.4, 1487.7, 870.2, 1493.3, 875.8, 1486.6, 872.5, 1474.2, 0.0, 6.0
 42, 853.4, 1509.0, 863.5, 1517.9, 860.2, 1526.9, 844.5, 1513.4, 0.0, 6.0

43, 860.2,1512.3, 875.8,1498.9, 880.3,1502.2, 863.5,1520.2, 0.0 , 6.0
 44, 330.4, 935.5, 333.8, 926.6, 322.6, 917.6, 319.2, 922.1, 0.0 , 6.0

Ekrany akustyczne : współczynniki odbicia ścian

Nr, ściana1, ściana2, ściana3, ściana4, dach

1,1.000,1.000,1.000,1.000,1.000
 2,1.000,1.000,1.000,1.000,1.000
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 37,1.000,1.000,1.000,1.000,1.000
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 39,1.000,1.000,1.000,1.000,1.000
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 42,1.000,1.000,1.000,1.000,1.000
 43,1.000,1.000,1.000,1.000,1.000
 44,1.000,1.000,1.000,1.000,1.000

Program LEQ Professional 6-2016 dla
Windows - Wydruk wyników

Lp.	X [m]	Y [m]	z [m]	Leq
1	0.0	0.0	1.5	0.0
2	0.0	30.0	1.5	0.0
3	0.0	60.0	1.5	0.0

Program LEQ Professional 6-2016 dla
Windows - Wydruk wyników

Lp.	X [m]	Y [m]	z [m]	Leq
1	0.0	0.0	4.0	0.0
2	0.0	30.0	4.0	0.0
3	0.0	60.0	4.0	0.0

4	0.0	90.0	1.5	0.0	4	0.0	90.0	4.0	0.0
5	0.0	120.0	1.5	0.0	5	0.0	120.0	4.0	0.0
6	0.0	150.0	1.5	0.0	6	0.0	150.0	4.0	0.0
7	0.0	180.0	1.5	0.0	7	0.0	180.0	4.0	0.0
8	0.0	210.0	1.5	0.0	8	0.0	210.0	4.0	0.0
9	0.0	240.0	1.5	0.0	9	0.0	240.0	4.0	0.0
10	0.0	270.0	1.5	0.0	10	0.0	270.0	4.0	0.0
11	0.0	300.0	1.5	0.0	11	0.0	300.0	4.0	0.0
12	0.0	330.0	1.5	0.0	12	0.0	330.0	4.0	0.0
13	0.0	360.0	1.5	0.0	13	0.0	360.0	4.0	0.0
14	0.0	390.0	1.5	0.0	14	0.0	390.0	4.0	0.0
15	0.0	420.0	1.5	0.0	15	0.0	420.0	4.0	0.0
16	0.0	450.0	1.5	0.0	16	0.0	450.0	4.0	0.0
17	0.0	480.0	1.5	0.0	17	0.0	480.0	4.0	0.0
18	0.0	510.0	1.5	0.0	18	0.0	510.0	4.0	0.0
19	0.0	540.0	1.5	0.0	19	0.0	540.0	4.0	0.0
20	0.0	570.0	1.5	0.0	20	0.0	570.0	4.0	0.0
21	0.0	600.0	1.5	0.0	21	0.0	600.0	4.0	0.0
22	0.0	630.0	1.5	0.0	22	0.0	630.0	4.0	0.0
23	0.0	660.0	1.5	0.0	23	0.0	660.0	4.0	0.0
24	0.0	690.0	1.5	0.0	24	0.0	690.0	4.0	0.0
25	0.0	720.0	1.5	0.0	25	0.0	720.0	4.0	0.0
26	0.0	750.0	1.5	0.0	26	0.0	750.0	4.0	0.0
27	0.0	780.0	1.5	0.0	27	0.0	780.0	4.0	0.0
28	0.0	810.0	1.5	0.0	28	0.0	810.0	4.0	0.0
29	0.0	840.0	1.5	0.0	29	0.0	840.0	4.0	0.0
30	0.0	870.0	1.5	0.0	30	0.0	870.0	4.0	0.0
31	0.0	900.0	1.5	0.0	31	0.0	900.0	4.0	0.0
32	0.0	930.0	1.5	0.0	32	0.0	930.0	4.0	0.0
33	0.0	960.0	1.5	0.0	33	0.0	960.0	4.0	0.0
34	0.0	990.0	1.5	0.0	34	0.0	990.0	4.0	0.0
35	0.0	1020.0	1.5	0.0	35	0.0	1020.0	4.0	0.0
36	0.0	1050.0	1.5	0.0	36	0.0	1050.0	4.0	0.0
37	0.0	1080.0	1.5	0.0	37	0.0	1080.0	4.0	0.0
38	0.0	1110.0	1.5	0.0	38	0.0	1110.0	4.0	0.0
39	0.0	1140.0	1.5	0.0	39	0.0	1140.0	4.0	0.0
40	0.0	1170.0	1.5	0.0	40	0.0	1170.0	4.0	0.0
41	0.0	1200.0	1.5	0.0	41	0.0	1200.0	4.0	0.0
42	0.0	1230.0	1.5	0.0	42	0.0	1230.0	4.0	0.0
43	0.0	1260.0	1.5	0.0	43	0.0	1260.0	4.0	0.0
44	0.0	1290.0	1.5	0.0	44	0.0	1290.0	4.0	0.0
45	0.0	1320.0	1.5	0.0	45	0.0	1320.0	4.0	0.0
46	0.0	1350.0	1.5	0.0	46	0.0	1350.0	4.0	0.0
47	0.0	1380.0	1.5	0.0	47	0.0	1380.0	4.0	0.0
48	0.0	1410.0	1.5	0.0	48	0.0	1410.0	4.0	0.0
49	0.0	1440.0	1.5	0.0	49	0.0	1440.0	4.0	0.0
50	0.0	1470.0	1.5	0.0	50	0.0	1470.0	4.0	0.0
51	0.0	1500.0	1.5	0.0	51	0.0	1500.0	4.0	0.0
52	0.0	1530.0	1.5	0.0	52	0.0	1530.0	4.0	0.0
53	0.0	1560.0	1.5	0.0	53	0.0	1560.0	4.0	0.0
54	0.0	1590.0	1.5	0.0	54	0.0	1590.0	4.0	0.0
55	0.0	1620.0	1.5	0.0	55	0.0	1620.0	4.0	0.0
56	0.0	1650.0	1.5	0.0	56	0.0	1650.0	4.0	0.0
57	30.0	0.0	1.5	0.0	57	30.0	0.0	4.0	0.0
58	30.0	30.0	1.5	0.0	58	30.0	30.0	4.0	0.0
59	30.0	60.0	1.5	0.0	59	30.0	60.0	4.0	0.0
60	30.0	90.0	1.5	0.0	60	30.0	90.0	4.0	0.0
61	30.0	120.0	1.5	0.0	61	30.0	120.0	4.0	0.0

62	30.0	150.0	1.5	0.0	62	30.0	150.0	4.0	0.0
63	30.0	180.0	1.5	0.0	63	30.0	180.0	4.0	0.0
64	30.0	210.0	1.5	0.0	64	30.0	210.0	4.0	0.0
65	30.0	240.0	1.5	0.0	65	30.0	240.0	4.0	0.0
66	30.0	270.0	1.5	0.0	66	30.0	270.0	4.0	0.0
67	30.0	300.0	1.5	0.0	67	30.0	300.0	4.0	0.0
68	30.0	330.0	1.5	0.0	68	30.0	330.0	4.0	0.0
69	30.0	360.0	1.5	0.0	69	30.0	360.0	4.0	0.0
70	30.0	390.0	1.5	0.0	70	30.0	390.0	4.0	0.0
71	30.0	420.0	1.5	0.0	71	30.0	420.0	4.0	0.0
72	30.0	450.0	1.5	0.0	72	30.0	450.0	4.0	0.0
73	30.0	480.0	1.5	0.0	73	30.0	480.0	4.0	0.0
74	30.0	510.0	1.5	0.0	74	30.0	510.0	4.0	0.0
75	30.0	540.0	1.5	0.0	75	30.0	540.0	4.0	0.0
76	30.0	570.0	1.5	0.0	76	30.0	570.0	4.0	0.0
77	30.0	600.0	1.5	0.0	77	30.0	600.0	4.0	0.0
78	30.0	630.0	1.5	0.0	78	30.0	630.0	4.0	0.0
79	30.0	660.0	1.5	0.0	79	30.0	660.0	4.0	0.0
80	30.0	690.0	1.5	0.0	80	30.0	690.0	4.0	0.0
81	30.0	720.0	1.5	0.0	81	30.0	720.0	4.0	0.0
82	30.0	750.0	1.5	0.0	82	30.0	750.0	4.0	0.0
83	30.0	780.0	1.5	0.0	83	30.0	780.0	4.0	0.0
84	30.0	810.0	1.5	0.0	84	30.0	810.0	4.0	0.0
85	30.0	840.0	1.5	0.0	85	30.0	840.0	4.0	0.0
86	30.0	870.0	1.5	0.0	86	30.0	870.0	4.0	0.0
87	30.0	900.0	1.5	0.0	87	30.0	900.0	4.0	0.0
88	30.0	930.0	1.5	0.0	88	30.0	930.0	4.0	0.0
89	30.0	960.0	1.5	0.0	89	30.0	960.0	4.0	0.0
90	30.0	990.0	1.5	0.0	90	30.0	990.0	4.0	0.0
91	30.0	1020.0	1.5	0.0	91	30.0	1020.0	4.0	0.0
92	30.0	1050.0	1.5	0.0	92	30.0	1050.0	4.0	0.0
93	30.0	1080.0	1.5	0.0	93	30.0	1080.0	4.0	0.0
94	30.0	1110.0	1.5	0.0	94	30.0	1110.0	4.0	0.0
95	30.0	1140.0	1.5	0.0	95	30.0	1140.0	4.0	0.0
96	30.0	1170.0	1.5	0.0	96	30.0	1170.0	4.0	0.0
97	30.0	1200.0	1.5	0.0	97	30.0	1200.0	4.0	0.0
98	30.0	1230.0	1.5	0.0	98	30.0	1230.0	4.0	0.0
99	30.0	1260.0	1.5	0.0	99	30.0	1260.0	4.0	0.0
100	30.0	1290.0	1.5	0.0	100	30.0	1290.0	4.0	0.0
101	30.0	1320.0	1.5	0.0	101	30.0	1320.0	4.0	0.0
102	30.0	1350.0	1.5	0.0	102	30.0	1350.0	4.0	0.0
103	30.0	1380.0	1.5	0.0	103	30.0	1380.0	4.0	0.0
104	30.0	1410.0	1.5	0.0	104	30.0	1410.0	4.0	0.0
105	30.0	1440.0	1.5	0.0	105	30.0	1440.0	4.0	0.0
106	30.0	1470.0	1.5	0.0	106	30.0	1470.0	4.0	0.0
107	30.0	1500.0	1.5	0.0	107	30.0	1500.0	4.0	0.0
108	30.0	1530.0	1.5	0.0	108	30.0	1530.0	4.0	0.0
109	30.0	1560.0	1.5	0.0	109	30.0	1560.0	4.0	0.0
110	30.0	1590.0	1.5	0.0	110	30.0	1590.0	4.0	0.0
111	30.0	1620.0	1.5	0.0	111	30.0	1620.0	4.0	0.0
112	30.0	1650.0	1.5	0.0	112	30.0	1650.0	4.0	0.0
113	60.0	0.0	1.5	0.0	113	60.0	0.0	4.0	0.0
114	60.0	30.0	1.5	0.0	114	60.0	30.0	4.0	0.0
115	60.0	60.0	1.5	0.0	115	60.0	60.0	4.0	0.0
116	60.0	90.0	1.5	0.0	116	60.0	90.0	4.0	0.0
117	60.0	120.0	1.5	0.0	117	60.0	120.0	4.0	0.0
118	60.0	150.0	1.5	0.0	118	60.0	150.0	4.0	0.0
119	60.0	180.0	1.5	0.0	119	60.0	180.0	4.0	0.0

120	60.0	210.0	1.5	0.0	120	60.0	210.0	4.0	0.0
121	60.0	240.0	1.5	0.0	121	60.0	240.0	4.0	0.0
122	60.0	270.0	1.5	0.0	122	60.0	270.0	4.0	0.0
123	60.0	300.0	1.5	0.0	123	60.0	300.0	4.0	0.0
124	60.0	330.0	1.5	0.0	124	60.0	330.0	4.0	0.0
125	60.0	360.0	1.5	0.0	125	60.0	360.0	4.0	0.0
126	60.0	390.0	1.5	0.0	126	60.0	390.0	4.0	0.0
127	60.0	420.0	1.5	0.0	127	60.0	420.0	4.0	0.0
128	60.0	450.0	1.5	0.0	128	60.0	450.0	4.0	0.0
129	60.0	480.0	1.5	0.0	129	60.0	480.0	4.0	0.0
130	60.0	510.0	1.5	0.0	130	60.0	510.0	4.0	0.0
131	60.0	540.0	1.5	0.0	131	60.0	540.0	4.0	0.0
132	60.0	570.0	1.5	0.0	132	60.0	570.0	4.0	0.0
133	60.0	600.0	1.5	0.0	133	60.0	600.0	4.0	0.0
134	60.0	630.0	1.5	0.0	134	60.0	630.0	4.0	0.0
135	60.0	660.0	1.5	0.0	135	60.0	660.0	4.0	0.0
136	60.0	690.0	1.5	0.0	136	60.0	690.0	4.0	0.0
137	60.0	720.0	1.5	0.0	137	60.0	720.0	4.0	0.0
138	60.0	750.0	1.5	0.0	138	60.0	750.0	4.0	0.0
139	60.0	780.0	1.5	0.0	139	60.0	780.0	4.0	0.0
140	60.0	810.0	1.5	0.0	140	60.0	810.0	4.0	0.0
141	60.0	840.0	1.5	0.0	141	60.0	840.0	4.0	0.0
142	60.0	870.0	1.5	0.0	142	60.0	870.0	4.0	0.0
143	60.0	900.0	1.5	0.0	143	60.0	900.0	4.0	0.0
144	60.0	930.0	1.5	0.0	144	60.0	930.0	4.0	0.0
145	60.0	960.0	1.5	0.0	145	60.0	960.0	4.0	0.0
146	60.0	990.0	1.5	0.0	146	60.0	990.0	4.0	0.0
147	60.0	1020.0	1.5	0.0	147	60.0	1020.0	4.0	0.0
148	60.0	1050.0	1.5	0.0	148	60.0	1050.0	4.0	0.0
149	60.0	1080.0	1.5	0.0	149	60.0	1080.0	4.0	0.0
150	60.0	1110.0	1.5	0.0	150	60.0	1110.0	4.0	0.0
151	60.0	1140.0	1.5	0.0	151	60.0	1140.0	4.0	0.0
152	60.0	1170.0	1.5	0.0	152	60.0	1170.0	4.0	0.0
153	60.0	1200.0	1.5	0.0	153	60.0	1200.0	4.0	0.0
154	60.0	1230.0	1.5	0.0	154	60.0	1230.0	4.0	0.0
155	60.0	1260.0	1.5	0.0	155	60.0	1260.0	4.0	0.0
156	60.0	1290.0	1.5	0.0	156	60.0	1290.0	4.0	0.0
157	60.0	1320.0	1.5	0.0	157	60.0	1320.0	4.0	0.0
158	60.0	1350.0	1.5	0.0	158	60.0	1350.0	4.0	0.0
159	60.0	1380.0	1.5	0.0	159	60.0	1380.0	4.0	0.0
160	60.0	1410.0	1.5	0.0	160	60.0	1410.0	4.0	0.0
161	60.0	1440.0	1.5	0.0	161	60.0	1440.0	4.0	0.0
162	60.0	1470.0	1.5	0.0	162	60.0	1470.0	4.0	0.0
163	60.0	1500.0	1.5	0.0	163	60.0	1500.0	4.0	0.0
164	60.0	1530.0	1.5	0.0	164	60.0	1530.0	4.0	0.0
165	60.0	1560.0	1.5	0.0	165	60.0	1560.0	4.0	0.0
166	60.0	1590.0	1.5	0.0	166	60.0	1590.0	4.0	0.0
167	60.0	1620.0	1.5	0.0	167	60.0	1620.0	4.0	0.0
168	60.0	1650.0	1.5	0.0	168	60.0	1650.0	4.0	0.0
169	90.0	0.0	1.5	0.0	169	90.0	0.0	4.0	0.0
170	90.0	30.0	1.5	0.0	170	90.0	30.0	4.0	0.0
171	90.0	60.0	1.5	0.0	171	90.0	60.0	4.0	0.0
172	90.0	90.0	1.5	0.0	172	90.0	90.0	4.0	0.0
173	90.0	120.0	1.5	0.0	173	90.0	120.0	4.0	0.0
174	90.0	150.0	1.5	0.0	174	90.0	150.0	4.0	0.0
175	90.0	180.0	1.5	0.0	175	90.0	180.0	4.0	0.0
176	90.0	210.0	1.5	0.0	176	90.0	210.0	4.0	0.0
177	90.0	240.0	1.5	0.0	177	90.0	240.0	4.0	0.0

178	90.0	270.0	1.5	0.0	178	90.0	270.0	4.0	0.0
179	90.0	300.0	1.5	0.0	179	90.0	300.0	4.0	0.0
180	90.0	330.0	1.5	0.0	180	90.0	330.0	4.0	0.0
181	90.0	360.0	1.5	0.0	181	90.0	360.0	4.0	0.0
182	90.0	390.0	1.5	0.0	182	90.0	390.0	4.0	0.0
183	90.0	420.0	1.5	0.0	183	90.0	420.0	4.0	0.0
184	90.0	450.0	1.5	0.0	184	90.0	450.0	4.0	0.0
185	90.0	480.0	1.5	0.0	185	90.0	480.0	4.0	0.0
186	90.0	510.0	1.5	0.0	186	90.0	510.0	4.0	0.0
187	90.0	540.0	1.5	0.0	187	90.0	540.0	4.0	0.0
188	90.0	570.0	1.5	0.0	188	90.0	570.0	4.0	0.0
189	90.0	600.0	1.5	0.0	189	90.0	600.0	4.0	0.0
190	90.0	630.0	1.5	0.0	190	90.0	630.0	4.0	0.0
191	90.0	660.0	1.5	0.0	191	90.0	660.0	4.0	0.0
192	90.0	690.0	1.5	0.0	192	90.0	690.0	4.0	0.0
193	90.0	720.0	1.5	0.0	193	90.0	720.0	4.0	0.0
194	90.0	750.0	1.5	0.0	194	90.0	750.0	4.0	0.0
195	90.0	780.0	1.5	0.0	195	90.0	780.0	4.0	0.0
196	90.0	810.0	1.5	0.0	196	90.0	810.0	4.0	0.0
197	90.0	840.0	1.5	0.0	197	90.0	840.0	4.0	0.0
198	90.0	870.0	1.5	0.0	198	90.0	870.0	4.0	0.0
199	90.0	900.0	1.5	0.0	199	90.0	900.0	4.0	0.0
200	90.0	930.0	1.5	0.0	200	90.0	930.0	4.0	0.0
201	90.0	960.0	1.5	0.0	201	90.0	960.0	4.0	0.0
202	90.0	990.0	1.5	0.0	202	90.0	990.0	4.0	0.0
203	90.0	1020.0	1.5	0.0	203	90.0	1020.0	4.0	0.0
204	90.0	1050.0	1.5	0.0	204	90.0	1050.0	4.0	0.0
205	90.0	1080.0	1.5	0.0	205	90.0	1080.0	4.0	0.0
206	90.0	1110.0	1.5	0.0	206	90.0	1110.0	4.0	0.0
207	90.0	1140.0	1.5	0.0	207	90.0	1140.0	4.0	0.0
208	90.0	1170.0	1.5	0.0	208	90.0	1170.0	4.0	0.0
209	90.0	1200.0	1.5	0.0	209	90.0	1200.0	4.0	0.0
210	90.0	1230.0	1.5	0.0	210	90.0	1230.0	4.0	0.0
211	90.0	1260.0	1.5	0.0	211	90.0	1260.0	4.0	0.0
212	90.0	1290.0	1.5	0.0	212	90.0	1290.0	4.0	0.0
213	90.0	1320.0	1.5	0.0	213	90.0	1320.0	4.0	0.0
214	90.0	1350.0	1.5	0.0	214	90.0	1350.0	4.0	0.0
215	90.0	1380.0	1.5	0.0	215	90.0	1380.0	4.0	0.0
216	90.0	1410.0	1.5	0.0	216	90.0	1410.0	4.0	0.0
217	90.0	1440.0	1.5	0.0	217	90.0	1440.0	4.0	0.0
218	90.0	1470.0	1.5	0.0	218	90.0	1470.0	4.0	0.0
219	90.0	1500.0	1.5	0.0	219	90.0	1500.0	4.0	0.0
220	90.0	1530.0	1.5	0.0	220	90.0	1530.0	4.0	0.0
221	90.0	1560.0	1.5	0.0	221	90.0	1560.0	4.0	0.0
222	90.0	1590.0	1.5	0.0	222	90.0	1590.0	4.0	0.0
223	90.0	1620.0	1.5	0.0	223	90.0	1620.0	4.0	0.0
224	90.0	1650.0	1.5	0.0	224	90.0	1650.0	4.0	0.0
225	120.0	0.0	1.5	0.0	225	120.0	0.0	4.0	0.0
226	120.0	30.0	1.5	0.0	226	120.0	30.0	4.0	0.0
227	120.0	60.0	1.5	0.0	227	120.0	60.0	4.0	0.0
228	120.0	90.0	1.5	0.0	228	120.0	90.0	4.0	0.0
229	120.0	120.0	1.5	0.0	229	120.0	120.0	4.0	0.0
230	120.0	150.0	1.5	0.0	230	120.0	150.0	4.0	0.0
231	120.0	180.0	1.5	0.0	231	120.0	180.0	4.0	0.0
232	120.0	210.0	1.5	0.0	232	120.0	210.0	4.0	0.0
233	120.0	240.0	1.5	0.0	233	120.0	240.0	4.0	0.0
234	120.0	270.0	1.5	0.0	234	120.0	270.0	4.0	0.0
235	120.0	300.0	1.5	0.0	235	120.0	300.0	4.0	0.0

236	120.0	330.0	1.5	0.0	236	120.0	330.0	4.0	0.0
237	120.0	360.0	1.5	0.0	237	120.0	360.0	4.0	0.0
238	120.0	390.0	1.5	0.0	238	120.0	390.0	4.0	0.0
239	120.0	420.0	1.5	0.0	239	120.0	420.0	4.0	0.0
240	120.0	450.0	1.5	0.0	240	120.0	450.0	4.0	0.0
241	120.0	480.0	1.5	0.0	241	120.0	480.0	4.0	0.0
242	120.0	510.0	1.5	0.0	242	120.0	510.0	4.0	0.0
243	120.0	540.0	1.5	0.0	243	120.0	540.0	4.0	0.0
244	120.0	570.0	1.5	0.0	244	120.0	570.0	4.0	0.0
245	120.0	600.0	1.5	0.0	245	120.0	600.0	4.0	0.0
246	120.0	630.0	1.5	0.0	246	120.0	630.0	4.0	0.0
247	120.0	660.0	1.5	0.0	247	120.0	660.0	4.0	0.0
248	120.0	690.0	1.5	0.0	248	120.0	690.0	4.0	0.0
249	120.0	720.0	1.5	0.0	249	120.0	720.0	4.0	0.0
250	120.0	750.0	1.5	0.0	250	120.0	750.0	4.0	0.0
251	120.0	780.0	1.5	0.0	251	120.0	780.0	4.0	0.0
252	120.0	810.0	1.5	0.0	252	120.0	810.0	4.0	0.0
253	120.0	840.0	1.5	0.0	253	120.0	840.0	4.0	0.0
254	120.0	870.0	1.5	0.0	254	120.0	870.0	4.0	0.0
255	120.0	900.0	1.5	0.0	255	120.0	900.0	4.0	0.0
256	120.0	930.0	1.5	0.0	256	120.0	930.0	4.0	0.0
257	120.0	960.0	1.5	0.0	257	120.0	960.0	4.0	0.0
258	120.0	990.0	1.5	0.0	258	120.0	990.0	4.0	0.0
259	120.0	1020.0	1.5	0.0	259	120.0	1020.0	4.0	0.0
260	120.0	1050.0	1.5	0.0	260	120.0	1050.0	4.0	0.0
261	120.0	1080.0	1.5	0.0	261	120.0	1080.0	4.0	0.0
262	120.0	1110.0	1.5	0.0	262	120.0	1110.0	4.0	0.0
263	120.0	1140.0	1.5	0.0	263	120.0	1140.0	4.0	0.0
264	120.0	1170.0	1.5	0.0	264	120.0	1170.0	4.0	0.0
265	120.0	1200.0	1.5	0.0	265	120.0	1200.0	4.0	0.0
266	120.0	1230.0	1.5	0.0	266	120.0	1230.0	4.0	0.0
267	120.0	1260.0	1.5	0.0	267	120.0	1260.0	4.0	0.0
268	120.0	1290.0	1.5	0.0	268	120.0	1290.0	4.0	0.0
269	120.0	1320.0	1.5	0.0	269	120.0	1320.0	4.0	0.0
270	120.0	1350.0	1.5	0.0	270	120.0	1350.0	4.0	0.0
271	120.0	1380.0	1.5	0.0	271	120.0	1380.0	4.0	0.0
272	120.0	1410.0	1.5	0.0	272	120.0	1410.0	4.0	0.0
273	120.0	1470.0	1.5	0.0	273	120.0	1470.0	4.0	0.0
274	120.0	1500.0	1.5	0.0	274	120.0	1500.0	4.0	0.0
275	120.0	1530.0	1.5	0.0	275	120.0	1530.0	4.0	0.0
276	120.0	1560.0	1.5	0.0	276	120.0	1560.0	4.0	0.0
277	120.0	1590.0	1.5	0.0	277	120.0	1590.0	4.0	0.0
278	120.0	1620.0	1.5	0.0	278	120.0	1620.0	4.0	0.0
279	120.0	1650.0	1.5	0.0	279	120.0	1650.0	4.0	0.0
280	150.0	0.0	1.5	0.0	280	150.0	0.0	4.0	0.0
281	150.0	30.0	1.5	0.0	281	150.0	30.0	4.0	0.0
282	150.0	60.0	1.5	0.0	282	150.0	60.0	4.0	0.0
283	150.0	90.0	1.5	0.0	283	150.0	90.0	4.0	0.0
284	150.0	120.0	1.5	0.0	284	150.0	120.0	4.0	0.0
285	150.0	150.0	1.5	0.0	285	150.0	150.0	4.0	0.0
286	150.0	180.0	1.5	0.0	286	150.0	180.0	4.0	0.0
287	150.0	210.0	1.5	0.0	287	150.0	210.0	4.0	0.0
288	150.0	240.0	1.5	0.0	288	150.0	240.0	4.0	0.0
289	150.0	270.0	1.5	0.0	289	150.0	270.0	4.0	0.0
290	150.0	300.0	1.5	0.0	290	150.0	300.0	4.0	0.0
291	150.0	330.0	1.5	0.0	291	150.0	330.0	4.0	0.0
292	150.0	360.0	1.5	0.0	292	150.0	360.0	4.0	0.0
293	150.0	390.0	1.5	0.0	293	150.0	390.0	4.0	0.0

294	150.0	420.0	1.5	0.0	294	150.0	420.0	4.0	0.0
295	150.0	450.0	1.5	0.0	295	150.0	450.0	4.0	0.0
296	150.0	480.0	1.5	0.0	296	150.0	480.0	4.0	0.0
297	150.0	510.0	1.5	0.0	297	150.0	510.0	4.0	0.0
298	150.0	540.0	1.5	0.0	298	150.0	540.0	4.0	0.0
299	150.0	570.0	1.5	0.0	299	150.0	570.0	4.0	0.0
300	150.0	600.0	1.5	0.0	300	150.0	600.0	4.0	0.0
301	150.0	630.0	1.5	0.0	301	150.0	630.0	4.0	0.0
302	150.0	660.0	1.5	0.0	302	150.0	660.0	4.0	0.0
303	150.0	690.0	1.5	0.0	303	150.0	690.0	4.0	0.0
304	150.0	720.0	1.5	0.0	304	150.0	720.0	4.0	0.0
305	150.0	750.0	1.5	0.0	305	150.0	750.0	4.0	0.0
306	150.0	780.0	1.5	0.0	306	150.0	780.0	4.0	0.0
307	150.0	810.0	1.5	0.0	307	150.0	810.0	4.0	0.0
308	150.0	840.0	1.5	0.0	308	150.0	840.0	4.0	0.0
309	150.0	870.0	1.5	0.0	309	150.0	870.0	4.0	0.0
310	150.0	900.0	1.5	0.0	310	150.0	900.0	4.0	0.0
311	150.0	930.0	1.5	0.0	311	150.0	930.0	4.0	0.0
312	150.0	960.0	1.5	0.0	312	150.0	960.0	4.0	0.0
313	150.0	990.0	1.5	0.0	313	150.0	990.0	4.0	0.0
314	150.0	1020.0	1.5	0.0	314	150.0	1020.0	4.0	0.0
315	150.0	1050.0	1.5	0.0	315	150.0	1050.0	4.0	0.0
316	150.0	1080.0	1.5	0.0	316	150.0	1080.0	4.0	0.0
317	150.0	1110.0	1.5	0.0	317	150.0	1110.0	4.0	0.0
318	150.0	1140.0	1.5	0.0	318	150.0	1140.0	4.0	0.0
319	150.0	1170.0	1.5	0.0	319	150.0	1170.0	4.0	0.0
320	150.0	1200.0	1.5	0.0	320	150.0	1200.0	4.0	0.0
321	150.0	1230.0	1.5	0.0	321	150.0	1230.0	4.0	0.0
322	150.0	1260.0	1.5	0.0	322	150.0	1260.0	4.0	0.0
323	150.0	1290.0	1.5	0.0	323	150.0	1290.0	4.0	0.0
324	150.0	1320.0	1.5	0.0	324	150.0	1320.0	4.0	0.0
325	150.0	1350.0	1.5	0.0	325	150.0	1350.0	4.0	0.0
326	150.0	1380.0	1.5	0.0	326	150.0	1380.0	4.0	0.0
327	150.0	1410.0	1.5	0.0	327	150.0	1410.0	4.0	0.0
328	150.0	1440.0	1.5	0.0	328	150.0	1440.0	4.0	0.0
329	150.0	1470.0	1.5	0.0	329	150.0	1470.0	4.0	0.0
330	150.0	1500.0	1.5	0.0	330	150.0	1500.0	4.0	0.0
331	150.0	1530.0	1.5	0.0	331	150.0	1530.0	4.0	0.0
332	150.0	1560.0	1.5	0.0	332	150.0	1560.0	4.0	0.0
333	150.0	1590.0	1.5	0.0	333	150.0	1590.0	4.0	0.0
334	150.0	1620.0	1.5	0.0	334	150.0	1620.0	4.0	0.0
335	150.0	1650.0	1.5	0.0	335	150.0	1650.0	4.0	0.0
336	180.0	0.0	1.5	0.0	336	180.0	0.0	4.0	0.0
337	180.0	30.0	1.5	0.0	337	180.0	30.0	4.0	0.0
338	180.0	60.0	1.5	0.0	338	180.0	60.0	4.0	0.0
339	180.0	90.0	1.5	0.0	339	180.0	90.0	4.0	0.0
340	180.0	120.0	1.5	0.0	340	180.0	120.0	4.0	0.0
341	180.0	150.0	1.5	0.0	341	180.0	150.0	4.0	0.0
342	180.0	180.0	1.5	0.0	342	180.0	180.0	4.0	0.0
343	180.0	210.0	1.5	0.0	343	180.0	210.0	4.0	0.0
344	180.0	240.0	1.5	0.0	344	180.0	240.0	4.0	0.0
345	180.0	270.0	1.5	0.0	345	180.0	270.0	4.0	0.0
346	180.0	300.0	1.5	0.0	346	180.0	300.0	4.0	0.0
347	180.0	330.0	1.5	0.0	347	180.0	330.0	4.0	0.0
348	180.0	360.0	1.5	0.0	348	180.0	360.0	4.0	0.0
349	180.0	390.0	1.5	0.0	349	180.0	390.0	4.0	0.0
350	180.0	420.0	1.5	0.0	350	180.0	420.0	4.0	0.0
351	180.0	450.0	1.5	0.0	351	180.0	450.0	4.0	0.0

352	180.0	480.0	1.5	0.0	352	180.0	480.0	4.0	0.0
353	180.0	510.0	1.5	0.0	353	180.0	510.0	4.0	0.0
354	180.0	540.0	1.5	0.0	354	180.0	540.0	4.0	0.0
355	180.0	570.0	1.5	0.0	355	180.0	570.0	4.0	0.0
356	180.0	600.0	1.5	0.0	356	180.0	600.0	4.0	0.0
357	180.0	630.0	1.5	0.0	357	180.0	630.0	4.0	0.0
358	180.0	660.0	1.5	0.0	358	180.0	660.0	4.0	0.0
359	180.0	690.0	1.5	0.0	359	180.0	690.0	4.0	0.0
360	180.0	720.0	1.5	0.0	360	180.0	720.0	4.0	0.0
361	180.0	750.0	1.5	0.0	361	180.0	750.0	4.0	0.0
362	180.0	780.0	1.5	0.0	362	180.0	780.0	4.0	0.0
363	180.0	810.0	1.5	0.0	363	180.0	810.0	4.0	0.0
364	180.0	840.0	1.5	0.0	364	180.0	840.0	4.0	0.0
365	180.0	870.0	1.5	0.0	365	180.0	870.0	4.0	0.0
366	180.0	900.0	1.5	0.0	366	180.0	900.0	4.0	0.0
367	180.0	930.0	1.5	0.0	367	180.0	930.0	4.0	0.0
368	180.0	960.0	1.5	0.0	368	180.0	960.0	4.0	0.0
369	180.0	990.0	1.5	0.0	369	180.0	990.0	4.0	0.0
370	180.0	1020.0	1.5	0.0	370	180.0	1020.0	4.0	0.0
371	180.0	1050.0	1.5	0.0	371	180.0	1050.0	4.0	0.0
372	180.0	1080.0	1.5	0.0	372	180.0	1080.0	4.0	0.0
373	180.0	1110.0	1.5	0.0	373	180.0	1110.0	4.0	0.0
374	180.0	1140.0	1.5	0.0	374	180.0	1140.0	4.0	0.0
375	180.0	1170.0	1.5	0.0	375	180.0	1170.0	4.0	0.0
376	180.0	1200.0	1.5	0.0	376	180.0	1200.0	4.0	0.0
377	180.0	1230.0	1.5	0.0	377	180.0	1230.0	4.0	0.0
378	180.0	1260.0	1.5	0.0	378	180.0	1260.0	4.0	0.0
379	180.0	1290.0	1.5	0.0	379	180.0	1290.0	4.0	0.0
380	180.0	1320.0	1.5	0.0	380	180.0	1320.0	4.0	0.0
381	180.0	1350.0	1.5	0.0	381	180.0	1350.0	4.0	0.0
382	180.0	1380.0	1.5	0.0	382	180.0	1380.0	4.0	0.0
383	180.0	1410.0	1.5	0.0	383	180.0	1410.0	4.0	0.0
384	180.0	1440.0	1.5	0.0	384	180.0	1440.0	4.0	0.0
385	180.0	1470.0	1.5	0.0	385	180.0	1470.0	4.0	0.0
386	180.0	1500.0	1.5	0.0	386	180.0	1500.0	4.0	0.0
387	180.0	1530.0	1.5	0.0	387	180.0	1530.0	4.0	0.0
388	180.0	1560.0	1.5	0.0	388	180.0	1560.0	4.0	0.0
389	180.0	1590.0	1.5	0.0	389	180.0	1590.0	4.0	0.0
390	180.0	1620.0	1.5	0.0	390	180.0	1620.0	4.0	0.0
391	180.0	1650.0	1.5	0.0	391	180.0	1650.0	4.0	0.0
392	210.0	0.0	1.5	0.0	392	210.0	0.0	4.0	0.0
393	210.0	30.0	1.5	0.0	393	210.0	30.0	4.0	0.0
394	210.0	60.0	1.5	0.0	394	210.0	60.0	4.0	0.0
395	210.0	90.0	1.5	0.0	395	210.0	90.0	4.0	0.0
396	210.0	120.0	1.5	0.0	396	210.0	120.0	4.0	0.0
397	210.0	150.0	1.5	0.0	397	210.0	150.0	4.0	0.0
398	210.0	180.0	1.5	0.0	398	210.0	180.0	4.0	0.0
399	210.0	210.0	1.5	0.0	399	210.0	210.0	4.0	0.0
400	210.0	240.0	1.5	0.0	400	210.0	240.0	4.0	0.0
401	210.0	270.0	1.5	0.0	401	210.0	270.0	4.0	0.0
402	210.0	300.0	1.5	0.0	402	210.0	300.0	4.0	0.0
403	210.0	330.0	1.5	0.0	403	210.0	330.0	4.0	0.0
404	210.0	360.0	1.5	0.0	404	210.0	360.0	4.0	0.0
405	210.0	390.0	1.5	0.0	405	210.0	390.0	4.0	0.0
406	210.0	420.0	1.5	0.0	406	210.0	420.0	4.0	0.0
407	210.0	450.0	1.5	0.0	407	210.0	450.0	4.0	0.0
408	210.0	480.0	1.5	0.0	408	210.0	480.0	4.0	0.0
409	210.0	510.0	1.5	0.0	409	210.0	510.0	4.0	0.0

410	210.0	540.0	1.5	0.0	410	210.0	540.0	4.0	0.0
411	210.0	570.0	1.5	0.0	411	210.0	570.0	4.0	0.0
412	210.0	600.0	1.5	0.0	412	210.0	600.0	4.0	0.0
413	210.0	630.0	1.5	0.0	413	210.0	630.0	4.0	0.0
414	210.0	660.0	1.5	0.0	414	210.0	660.0	4.0	0.0
415	210.0	690.0	1.5	0.0	415	210.0	690.0	4.0	0.0
416	210.0	720.0	1.5	0.0	416	210.0	720.0	4.0	0.0
417	210.0	750.0	1.5	0.0	417	210.0	750.0	4.0	0.0
418	210.0	780.0	1.5	0.0	418	210.0	780.0	4.0	0.0
419	210.0	810.0	1.5	0.0	419	210.0	810.0	4.0	0.0
420	210.0	840.0	1.5	0.0	420	210.0	840.0	4.0	0.0
421	210.0	870.0	1.5	0.0	421	210.0	870.0	4.0	0.0
422	210.0	900.0	1.5	0.0	422	210.0	900.0	4.0	0.0
423	210.0	930.0	1.5	0.0	423	210.0	930.0	4.0	0.0
424	210.0	960.0	1.5	0.0	424	210.0	960.0	4.0	0.0
425	210.0	990.0	1.5	0.0	425	210.0	990.0	4.0	0.0
426	210.0	1020.0	1.5	0.0	426	210.0	1020.0	4.0	0.0
427	210.0	1050.0	1.5	0.0	427	210.0	1050.0	4.0	0.0
428	210.0	1080.0	1.5	0.0	428	210.0	1080.0	4.0	0.0
429	210.0	1110.0	1.5	0.0	429	210.0	1110.0	4.0	0.0
430	210.0	1140.0	1.5	0.0	430	210.0	1140.0	4.0	0.0
431	210.0	1170.0	1.5	0.0	431	210.0	1170.0	4.0	0.0
432	210.0	1200.0	1.5	0.0	432	210.0	1200.0	4.0	0.0
433	210.0	1230.0	1.5	0.0	433	210.0	1230.0	4.0	0.0
434	210.0	1260.0	1.5	0.0	434	210.0	1260.0	4.0	0.0
435	210.0	1290.0	1.5	0.0	435	210.0	1290.0	4.0	0.0
436	210.0	1320.0	1.5	0.0	436	210.0	1320.0	4.0	0.0
437	210.0	1350.0	1.5	0.0	437	210.0	1350.0	4.0	0.0
438	210.0	1380.0	1.5	0.0	438	210.0	1380.0	4.0	0.0
439	210.0	1410.0	1.5	0.0	439	210.0	1410.0	4.0	0.0
440	210.0	1440.0	1.5	0.0	440	210.0	1440.0	4.0	0.0
441	210.0	1470.0	1.5	0.0	441	210.0	1470.0	4.0	0.0
442	210.0	1500.0	1.5	0.0	442	210.0	1500.0	4.0	0.0
443	210.0	1530.0	1.5	0.0	443	210.0	1530.0	4.0	0.0
444	210.0	1560.0	1.5	0.0	444	210.0	1560.0	4.0	0.0
445	210.0	1590.0	1.5	0.0	445	210.0	1590.0	4.0	0.0
446	210.0	1620.0	1.5	0.0	446	210.0	1620.0	4.0	0.0
447	210.0	1650.0	1.5	0.0	447	210.0	1650.0	4.0	0.0
448	240.0	0.0	1.5	0.0	448	240.0	0.0	4.0	0.0
449	240.0	30.0	1.5	0.0	449	240.0	30.0	4.0	0.0
450	240.0	60.0	1.5	0.0	450	240.0	60.0	4.0	0.0
451	240.0	90.0	1.5	0.0	451	240.0	90.0	4.0	0.0
452	240.0	120.0	1.5	0.0	452	240.0	120.0	4.0	0.0
453	240.0	150.0	1.5	0.0	453	240.0	150.0	4.0	0.0
454	240.0	180.0	1.5	0.0	454	240.0	180.0	4.0	0.0
455	240.0	210.0	1.5	0.0	455	240.0	210.0	4.0	0.0
456	240.0	240.0	1.5	0.0	456	240.0	240.0	4.0	0.0
457	240.0	270.0	1.5	0.0	457	240.0	270.0	4.0	0.0
458	240.0	300.0	1.5	0.0	458	240.0	300.0	4.0	0.0
459	240.0	330.0	1.5	0.0	459	240.0	330.0	4.0	0.0
460	240.0	360.0	1.5	0.0	460	240.0	360.0	4.0	0.0
461	240.0	390.0	1.5	0.0	461	240.0	390.0	4.0	0.0
462	240.0	420.0	1.5	0.0	462	240.0	420.0	4.0	0.0
463	240.0	450.0	1.5	0.0	463	240.0	450.0	4.0	0.0
464	240.0	480.0	1.5	0.0	464	240.0	480.0	4.0	0.0
465	240.0	510.0	1.5	0.0	465	240.0	510.0	4.0	0.0
466	240.0	540.0	1.5	0.0	466	240.0	540.0	4.0	0.0
467	240.0	570.0	1.5	0.0	467	240.0	570.0	4.0	0.0

468	240.0	600.0	1.5	0.0	468	240.0	600.0	4.0	0.0
469	240.0	630.0	1.5	0.0	469	240.0	630.0	4.0	0.0
470	240.0	660.0	1.5	0.0	470	240.0	660.0	4.0	0.0
471	240.0	690.0	1.5	0.0	471	240.0	690.0	4.0	0.0
472	240.0	720.0	1.5	0.0	472	240.0	720.0	4.0	0.0
473	240.0	750.0	1.5	0.0	473	240.0	750.0	4.0	0.0
474	240.0	780.0	1.5	0.0	474	240.0	780.0	4.0	0.0
475	240.0	810.0	1.5	0.0	475	240.0	810.0	4.0	0.0
476	240.0	840.0	1.5	0.0	476	240.0	840.0	4.0	0.0
477	240.0	870.0	1.5	0.0	477	240.0	870.0	4.0	0.0
478	240.0	900.0	1.5	0.0	478	240.0	900.0	4.0	0.0
479	240.0	930.0	1.5	0.0	479	240.0	930.0	4.0	0.0
480	240.0	960.0	1.5	0.0	480	240.0	960.0	4.0	0.0
481	240.0	990.0	1.5	0.0	481	240.0	990.0	4.0	0.0
482	240.0	1020.0	1.5	0.0	482	240.0	1020.0	4.0	0.0
483	240.0	1050.0	1.5	0.0	483	240.0	1050.0	4.0	0.0
484	240.0	1080.0	1.5	0.0	484	240.0	1080.0	4.0	0.0
485	240.0	1110.0	1.5	0.0	485	240.0	1110.0	4.0	0.0
486	240.0	1140.0	1.5	0.0	486	240.0	1140.0	4.0	0.0
487	240.0	1170.0	1.5	0.0	487	240.0	1170.0	4.0	0.0
488	240.0	1200.0	1.5	0.0	488	240.0	1200.0	4.0	0.0
489	240.0	1230.0	1.5	0.0	489	240.0	1230.0	4.0	0.0
490	240.0	1260.0	1.5	0.0	490	240.0	1260.0	4.0	0.0
491	240.0	1290.0	1.5	0.0	491	240.0	1290.0	4.0	0.0
492	240.0	1320.0	1.5	0.0	492	240.0	1320.0	4.0	0.0
493	240.0	1350.0	1.5	0.0	493	240.0	1350.0	4.0	0.0
494	240.0	1380.0	1.5	0.0	494	240.0	1380.0	4.0	0.0
495	240.0	1410.0	1.5	0.0	495	240.0	1410.0	4.0	0.0
496	240.0	1440.0	1.5	0.0	496	240.0	1440.0	4.0	0.0
497	240.0	1470.0	1.5	0.0	497	240.0	1470.0	4.0	0.0
498	240.0	1500.0	1.5	0.0	498	240.0	1500.0	4.0	0.0
499	240.0	1530.0	1.5	0.0	499	240.0	1530.0	4.0	0.0
500	240.0	1560.0	1.5	0.0	500	240.0	1560.0	4.0	0.0
501	240.0	1590.0	1.5	0.0	501	240.0	1590.0	4.0	0.0
502	240.0	1620.0	1.5	0.0	502	240.0	1620.0	4.0	0.0
503	240.0	1650.0	1.5	0.0	503	240.0	1650.0	4.0	0.0
504	270.0	0.0	1.5	0.0	504	270.0	0.0	4.0	0.0
505	270.0	30.0	1.5	0.0	505	270.0	30.0	4.0	0.0
506	270.0	60.0	1.5	0.0	506	270.0	60.0	4.0	0.0
507	270.0	90.0	1.5	0.0	507	270.0	90.0	4.0	0.0
508	270.0	120.0	1.5	0.0	508	270.0	120.0	4.0	0.0
509	270.0	150.0	1.5	0.0	509	270.0	150.0	4.0	0.0
510	270.0	180.0	1.5	0.0	510	270.0	180.0	4.0	0.0
511	270.0	210.0	1.5	0.0	511	270.0	210.0	4.0	0.0
512	270.0	240.0	1.5	0.0	512	270.0	240.0	4.0	0.0
513	270.0	270.0	1.5	0.0	513	270.0	270.0	4.0	0.0
514	270.0	300.0	1.5	0.0	514	270.0	300.0	4.0	0.0
515	270.0	330.0	1.5	0.0	515	270.0	330.0	4.0	0.0
516	270.0	360.0	1.5	0.0	516	270.0	360.0	4.0	0.0
517	270.0	390.0	1.5	0.0	517	270.0	390.0	4.0	0.0
518	270.0	420.0	1.5	0.0	518	270.0	420.0	4.0	0.0
519	270.0	450.0	1.5	0.0	519	270.0	450.0	4.0	0.0
520	270.0	480.0	1.5	0.0	520	270.0	480.0	4.0	0.0
521	270.0	510.0	1.5	0.0	521	270.0	510.0	4.0	0.0
522	270.0	540.0	1.5	0.0	522	270.0	540.0	4.0	0.0
523	270.0	570.0	1.5	0.0	523	270.0	570.0	4.0	0.0
524	270.0	600.0	1.5	0.0	524	270.0	600.0	4.0	0.0
525	270.0	630.0	1.5	0.0	525	270.0	630.0	4.0	0.0

526	270.0	660.0	1.5	0.0	526	270.0	660.0	4.0	0.0
527	270.0	690.0	1.5	0.0	527	270.0	690.0	4.0	0.0
528	270.0	720.0	1.5	0.0	528	270.0	720.0	4.0	0.0
529	270.0	750.0	1.5	0.0	529	270.0	750.0	4.0	0.0
530	270.0	780.0	1.5	0.0	530	270.0	780.0	4.0	0.0
531	270.0	810.0	1.5	0.0	531	270.0	810.0	4.0	0.0
532	270.0	840.0	1.5	0.0	532	270.0	840.0	4.0	0.0
533	270.0	870.0	1.5	0.0	533	270.0	870.0	4.0	0.0
534	270.0	900.0	1.5	0.0	534	270.0	900.0	4.0	0.0
535	270.0	930.0	1.5	0.0	535	270.0	930.0	4.0	0.0
536	270.0	960.0	1.5	0.0	536	270.0	960.0	4.0	0.0
537	270.0	990.0	1.5	0.0	537	270.0	990.0	4.0	0.0
538	270.0	1020.0	1.5	0.0	538	270.0	1020.0	4.0	0.0
539	270.0	1050.0	1.5	0.0	539	270.0	1050.0	4.0	0.0
540	270.0	1080.0	1.5	0.0	540	270.0	1080.0	4.0	0.0
541	270.0	1110.0	1.5	0.0	541	270.0	1110.0	4.0	0.0
542	270.0	1140.0	1.5	0.0	542	270.0	1140.0	4.0	0.0
543	270.0	1170.0	1.5	0.0	543	270.0	1170.0	4.0	0.0
544	270.0	1200.0	1.5	0.0	544	270.0	1200.0	4.0	0.0
545	270.0	1230.0	1.5	0.0	545	270.0	1230.0	4.0	0.0
546	270.0	1260.0	1.5	0.0	546	270.0	1260.0	4.0	0.0
547	270.0	1290.0	1.5	0.0	547	270.0	1290.0	4.0	0.0
548	270.0	1320.0	1.5	0.0	548	270.0	1320.0	4.0	0.0
549	270.0	1350.0	1.5	0.0	549	270.0	1350.0	4.0	0.0
550	270.0	1380.0	1.5	0.0	550	270.0	1380.0	4.0	0.0
551	270.0	1410.0	1.5	0.0	551	270.0	1410.0	4.0	0.0
552	270.0	1440.0	1.5	0.0	552	270.0	1440.0	4.0	0.0
553	270.0	1470.0	1.5	0.0	553	270.0	1470.0	4.0	0.0
554	270.0	1500.0	1.5	0.0	554	270.0	1500.0	4.0	0.0
555	270.0	1530.0	1.5	0.0	555	270.0	1530.0	4.0	0.0
556	270.0	1560.0	1.5	0.0	556	270.0	1560.0	4.0	0.0
557	270.0	1590.0	1.5	0.0	557	270.0	1590.0	4.0	0.0
558	270.0	1620.0	1.5	0.0	558	270.0	1620.0	4.0	0.0
559	270.0	1650.0	1.5	0.0	559	270.0	1650.0	4.0	0.0
560	300.0	0.0	1.5	0.0	560	300.0	0.0	4.0	0.0
561	300.0	30.0	1.5	0.0	561	300.0	30.0	4.0	0.0
562	300.0	60.0	1.5	0.0	562	300.0	60.0	4.0	0.0
563	300.0	90.0	1.5	0.0	563	300.0	90.0	4.0	0.0
564	300.0	120.0	1.5	0.0	564	300.0	120.0	4.0	0.0
565	300.0	150.0	1.5	0.0	565	300.0	150.0	4.0	0.0
566	300.0	180.0	1.5	0.0	566	300.0	180.0	4.0	0.0
567	300.0	210.0	1.5	0.0	567	300.0	210.0	4.0	0.0
568	300.0	240.0	1.5	0.0	568	300.0	240.0	4.0	0.0
569	300.0	270.0	1.5	0.0	569	300.0	270.0	4.0	0.0
570	300.0	300.0	1.5	0.0	570	300.0	300.0	4.0	0.0
571	300.0	330.0	1.5	0.0	571	300.0	330.0	4.0	0.0
572	300.0	360.0	1.5	0.0	572	300.0	360.0	4.0	0.0
573	300.0	390.0	1.5	0.0	573	300.0	390.0	4.0	0.0
574	300.0	420.0	1.5	0.0	574	300.0	420.0	4.0	0.0
575	300.0	450.0	1.5	0.0	575	300.0	450.0	4.0	0.0
576	300.0	480.0	1.5	0.0	576	300.0	480.0	4.0	0.0
577	300.0	510.0	1.5	0.0	577	300.0	510.0	4.0	0.0
578	300.0	540.0	1.5	0.0	578	300.0	540.0	4.0	0.0
579	300.0	570.0	1.5	0.0	579	300.0	570.0	4.0	0.0
580	300.0	600.0	1.5	0.0	580	300.0	600.0	4.0	0.0
581	300.0	630.0	1.5	0.0	581	300.0	630.0	4.0	0.0
582	300.0	660.0	1.5	0.0	582	300.0	660.0	4.0	0.0
583	300.0	690.0	1.5	0.0	583	300.0	690.0	4.0	0.0

584	300.0	720.0	1.5	0.0	584	300.0	720.0	4.0	0.0
585	300.0	750.0	1.5	0.0	585	300.0	750.0	4.0	0.0
586	300.0	780.0	1.5	0.0	586	300.0	780.0	4.0	0.0
587	300.0	810.0	1.5	0.0	587	300.0	810.0	4.0	0.0
588	300.0	840.0	1.5	0.0	588	300.0	840.0	4.0	0.0
589	300.0	870.0	1.5	0.0	589	300.0	870.0	4.0	0.0
590	300.0	900.0	1.5	0.0	590	300.0	900.0	4.0	0.0
591	300.0	930.0	1.5	0.0	591	300.0	930.0	4.0	0.0
592	300.0	960.0	1.5	0.0	592	300.0	960.0	4.0	0.0
593	300.0	990.0	1.5	0.0	593	300.0	990.0	4.0	0.0
594	300.0	1020.0	1.5	0.0	594	300.0	1020.0	4.0	0.0
595	300.0	1050.0	1.5	0.0	595	300.0	1050.0	4.0	0.0
596	300.0	1080.0	1.5	0.0	596	300.0	1080.0	4.0	0.0
597	300.0	1110.0	1.5	0.0	597	300.0	1110.0	4.0	0.0
598	300.0	1140.0	1.5	0.0	598	300.0	1140.0	4.0	0.0
599	300.0	1170.0	1.5	0.0	599	300.0	1170.0	4.0	0.0
600	300.0	1200.0	1.5	0.0	600	300.0	1200.0	4.0	0.0
601	300.0	1230.0	1.5	0.0	601	300.0	1230.0	4.0	0.0
602	300.0	1260.0	1.5	0.0	602	300.0	1260.0	4.0	0.0
603	300.0	1290.0	1.5	0.0	603	300.0	1290.0	4.0	0.0
604	300.0	1320.0	1.5	0.0	604	300.0	1320.0	4.0	0.0
605	300.0	1350.0	1.5	0.0	605	300.0	1350.0	4.0	0.0
606	300.0	1380.0	1.5	0.0	606	300.0	1380.0	4.0	0.0
607	300.0	1410.0	1.5	0.0	607	300.0	1410.0	4.0	0.0
608	300.0	1440.0	1.5	0.0	608	300.0	1440.0	4.0	0.0
609	300.0	1470.0	1.5	0.0	609	300.0	1470.0	4.0	0.0
610	300.0	1500.0	1.5	0.0	610	300.0	1500.0	4.0	0.0
611	300.0	1530.0	1.5	0.0	611	300.0	1530.0	4.0	0.0
612	300.0	1560.0	1.5	0.0	612	300.0	1560.0	4.0	0.0
613	300.0	1590.0	1.5	0.0	613	300.0	1590.0	4.0	0.0
614	300.0	1620.0	1.5	0.0	614	300.0	1620.0	4.0	0.0
615	300.0	1650.0	1.5	0.0	615	300.0	1650.0	4.0	0.0
616	330.0	0.0	1.5	0.0	616	330.0	0.0	4.0	0.0
617	330.0	30.0	1.5	0.0	617	330.0	30.0	4.0	0.0
618	330.0	60.0	1.5	0.0	618	330.0	60.0	4.0	0.0
619	330.0	90.0	1.5	0.0	619	330.0	90.0	4.0	0.0
620	330.0	120.0	1.5	0.0	620	330.0	120.0	4.0	0.0
621	330.0	150.0	1.5	0.0	621	330.0	150.0	4.0	0.0
622	330.0	180.0	1.5	0.0	622	330.0	180.0	4.0	0.0
623	330.0	210.0	1.5	0.0	623	330.0	210.0	4.0	0.0
624	330.0	240.0	1.5	0.0	624	330.0	240.0	4.0	0.0
625	330.0	270.0	1.5	0.0	625	330.0	270.0	4.0	0.0
626	330.0	300.0	1.5	0.0	626	330.0	300.0	4.0	0.0
627	330.0	330.0	1.5	0.0	627	330.0	330.0	4.0	0.0
628	330.0	360.0	1.5	0.0	628	330.0	360.0	4.0	0.0
629	330.0	390.0	1.5	0.0	629	330.0	390.0	4.0	0.0
630	330.0	420.0	1.5	0.0	630	330.0	420.0	4.0	0.0
631	330.0	450.0	1.5	0.0	631	330.0	450.0	4.0	0.0
632	330.0	480.0	1.5	0.0	632	330.0	480.0	4.0	0.0
633	330.0	510.0	1.5	0.0	633	330.0	510.0	4.0	0.0
634	330.0	540.0	1.5	0.0	634	330.0	540.0	4.0	0.0
635	330.0	570.0	1.5	0.0	635	330.0	570.0	4.0	0.0
636	330.0	600.0	1.5	0.0	636	330.0	600.0	4.0	0.0
637	330.0	630.0	1.5	0.0	637	330.0	630.0	4.0	0.0
638	330.0	660.0	1.5	0.0	638	330.0	660.0	4.0	0.0
639	330.0	690.0	1.5	0.0	639	330.0	690.0	4.0	0.0
640	330.0	720.0	1.5	0.0	640	330.0	720.0	4.0	0.0
641	330.0	750.0	1.5	0.0	641	330.0	750.0	4.0	0.0

642	330.0	780.0	1.5	0.0	642	330.0	780.0	4.0	0.0
643	330.0	810.0	1.5	0.0	643	330.0	810.0	4.0	0.0
644	330.0	840.0	1.5	0.0	644	330.0	840.0	4.0	0.0
645	330.0	870.0	1.5	0.0	645	330.0	870.0	4.0	0.0
646	330.0	900.0	1.5	0.0	646	330.0	900.0	4.0	0.0
647	330.0	960.0	1.5	0.0	647	330.0	960.0	4.0	0.0
648	330.0	990.0	1.5	0.0	648	330.0	990.0	4.0	0.0
649	330.0	1020.0	1.5	0.0	649	330.0	1020.0	4.0	0.0
650	330.0	1050.0	1.5	0.0	650	330.0	1050.0	4.0	0.0
651	330.0	1080.0	1.5	0.0	651	330.0	1080.0	4.0	0.0
652	330.0	1110.0	1.5	0.0	652	330.0	1110.0	4.0	0.0
653	330.0	1140.0	1.5	0.0	653	330.0	1140.0	4.0	0.0
654	330.0	1170.0	1.5	0.0	654	330.0	1170.0	4.0	0.0
655	330.0	1200.0	1.5	0.0	655	330.0	1200.0	4.0	0.0
656	330.0	1230.0	1.5	0.0	656	330.0	1230.0	4.0	0.0
657	330.0	1260.0	1.5	0.0	657	330.0	1260.0	4.0	0.0
658	330.0	1290.0	1.5	0.0	658	330.0	1290.0	4.0	0.0
659	330.0	1320.0	1.5	0.0	659	330.0	1320.0	4.0	0.0
660	330.0	1350.0	1.5	0.0	660	330.0	1350.0	4.0	0.0
661	330.0	1380.0	1.5	0.0	661	330.0	1380.0	4.0	0.0
662	330.0	1410.0	1.5	0.0	662	330.0	1410.0	4.0	0.0
663	330.0	1440.0	1.5	0.0	663	330.0	1440.0	4.0	0.0
664	330.0	1470.0	1.5	0.0	664	330.0	1470.0	4.0	0.0
665	330.0	1500.0	1.5	0.0	665	330.0	1500.0	4.0	0.0
666	330.0	1530.0	1.5	0.0	666	330.0	1530.0	4.0	0.0
667	330.0	1560.0	1.5	0.0	667	330.0	1560.0	4.0	0.0
668	330.0	1590.0	1.5	0.0	668	330.0	1590.0	4.0	0.0
669	330.0	1620.0	1.5	0.0	669	330.0	1620.0	4.0	0.0
670	330.0	1650.0	1.5	0.0	670	330.0	1650.0	4.0	0.0
671	360.0	0.0	1.5	0.0	671	360.0	0.0	4.0	0.0
672	360.0	30.0	1.5	0.0	672	360.0	30.0	4.0	0.0
673	360.0	60.0	1.5	0.0	673	360.0	60.0	4.0	0.0
674	360.0	90.0	1.5	0.0	674	360.0	90.0	4.0	0.0
675	360.0	120.0	1.5	0.0	675	360.0	120.0	4.0	0.0
676	360.0	150.0	1.5	0.0	676	360.0	150.0	4.0	0.0
677	360.0	180.0	1.5	0.0	677	360.0	180.0	4.0	0.0
678	360.0	210.0	1.5	0.0	678	360.0	210.0	4.0	0.0
679	360.0	240.0	1.5	0.0	679	360.0	240.0	4.0	0.0
680	360.0	270.0	1.5	0.0	680	360.0	270.0	4.0	0.0
681	360.0	300.0	1.5	0.0	681	360.0	300.0	4.0	0.0
682	360.0	330.0	1.5	0.0	682	360.0	330.0	4.0	0.0
683	360.0	360.0	1.5	0.0	683	360.0	360.0	4.0	0.0
684	360.0	390.0	1.5	0.0	684	360.0	390.0	4.0	0.0
685	360.0	420.0	1.5	0.0	685	360.0	420.0	4.0	0.0
686	360.0	450.0	1.5	0.0	686	360.0	450.0	4.0	0.0
687	360.0	480.0	1.5	0.0	687	360.0	480.0	4.0	0.0
688	360.0	510.0	1.5	0.0	688	360.0	510.0	4.0	0.0
689	360.0	540.0	1.5	0.0	689	360.0	540.0	4.0	0.0
690	360.0	570.0	1.5	0.0	690	360.0	570.0	4.0	0.0
691	360.0	600.0	1.5	0.0	691	360.0	600.0	4.0	0.0
692	360.0	630.0	1.5	0.0	692	360.0	630.0	4.0	0.0
693	360.0	660.0	1.5	0.0	693	360.0	660.0	4.0	0.0
694	360.0	690.0	1.5	0.0	694	360.0	690.0	4.0	0.0
695	360.0	720.0	1.5	0.0	695	360.0	720.0	4.0	0.0
696	360.0	750.0	1.5	0.0	696	360.0	750.0	4.0	0.0
697	360.0	780.0	1.5	0.0	697	360.0	780.0	4.0	0.0
698	360.0	810.0	1.5	0.0	698	360.0	810.0	4.0	0.0
699	360.0	840.0	1.5	0.0	699	360.0	840.0	4.0	0.0

700	360.0	870.0	1.5	0.0	700	360.0	870.0	4.0	0.0
701	360.0	900.0	1.5	0.0	701	360.0	900.0	4.0	0.0
702	360.0	930.0	1.5	0.0	702	360.0	930.0	4.0	0.0
703	360.0	960.0	1.5	0.0	703	360.0	960.0	4.0	0.0
704	360.0	990.0	1.5	0.0	704	360.0	990.0	4.0	0.0
705	360.0	1020.0	1.5	0.0	705	360.0	1020.0	4.0	0.0
706	360.0	1050.0	1.5	0.0	706	360.0	1050.0	4.0	0.0
707	360.0	1080.0	1.5	0.0	707	360.0	1080.0	4.0	0.0
708	360.0	1110.0	1.5	0.0	708	360.0	1110.0	4.0	0.0
709	360.0	1140.0	1.5	0.0	709	360.0	1140.0	4.0	0.0
710	360.0	1170.0	1.5	0.0	710	360.0	1170.0	4.0	0.0
711	360.0	1200.0	1.5	0.0	711	360.0	1200.0	4.0	0.0
712	360.0	1230.0	1.5	0.0	712	360.0	1230.0	4.0	0.0
713	360.0	1260.0	1.5	0.0	713	360.0	1260.0	4.0	0.0
714	360.0	1290.0	1.5	0.0	714	360.0	1290.0	4.0	0.0
715	360.0	1320.0	1.5	0.0	715	360.0	1320.0	4.0	0.0
716	360.0	1350.0	1.5	0.0	716	360.0	1350.0	4.0	0.0
717	360.0	1380.0	1.5	0.0	717	360.0	1380.0	4.0	0.0
718	360.0	1410.0	1.5	0.0	718	360.0	1410.0	4.0	0.0
719	360.0	1440.0	1.5	0.0	719	360.0	1440.0	4.0	0.0
720	360.0	1470.0	1.5	0.0	720	360.0	1470.0	4.0	0.0
721	360.0	1500.0	1.5	0.0	721	360.0	1500.0	4.0	0.0
722	360.0	1530.0	1.5	0.0	722	360.0	1530.0	4.0	0.0
723	360.0	1560.0	1.5	0.0	723	360.0	1560.0	4.0	0.0
724	360.0	1590.0	1.5	0.0	724	360.0	1590.0	4.0	0.0
725	360.0	1620.0	1.5	0.0	725	360.0	1620.0	4.0	0.0
726	360.0	1650.0	1.5	0.0	726	360.0	1650.0	4.0	0.0
727	390.0	0.0	1.5	0.0	727	390.0	0.0	4.0	0.0
728	390.0	30.0	1.5	0.0	728	390.0	30.0	4.0	0.0
729	390.0	60.0	1.5	0.0	729	390.0	60.0	4.0	0.0
730	390.0	90.0	1.5	0.0	730	390.0	90.0	4.0	0.0
731	390.0	120.0	1.5	0.0	731	390.0	120.0	4.0	0.0
732	390.0	150.0	1.5	0.0	732	390.0	150.0	4.0	0.0
733	390.0	180.0	1.5	0.0	733	390.0	180.0	4.0	0.0
734	390.0	210.0	1.5	0.0	734	390.0	210.0	4.0	0.0
735	390.0	240.0	1.5	0.0	735	390.0	240.0	4.0	0.0
736	390.0	270.0	1.5	0.0	736	390.0	270.0	4.0	0.0
737	390.0	300.0	1.5	0.0	737	390.0	300.0	4.0	0.0
738	390.0	330.0	1.5	0.0	738	390.0	330.0	4.0	0.0
739	390.0	360.0	1.5	0.0	739	390.0	360.0	4.0	0.0
740	390.0	390.0	1.5	0.0	740	390.0	390.0	4.0	0.0
741	390.0	420.0	1.5	0.0	741	390.0	420.0	4.0	0.0
742	390.0	450.0	1.5	0.0	742	390.0	450.0	4.0	0.0
743	390.0	480.0	1.5	0.0	743	390.0	480.0	4.0	0.0
744	390.0	510.0	1.5	0.0	744	390.0	510.0	4.0	0.0
745	390.0	540.0	1.5	0.0	745	390.0	540.0	4.0	0.0
746	390.0	570.0	1.5	0.0	746	390.0	570.0	4.0	0.0
747	390.0	600.0	1.5	0.0	747	390.0	600.0	4.0	0.0
748	390.0	630.0	1.5	0.0	748	390.0	630.0	4.0	0.0
749	390.0	660.0	1.5	0.0	749	390.0	660.0	4.0	0.0
750	390.0	690.0	1.5	0.0	750	390.0	690.0	4.0	0.0
751	390.0	720.0	1.5	0.0	751	390.0	720.0	4.0	0.0
752	390.0	750.0	1.5	0.0	752	390.0	750.0	4.0	0.0
753	390.0	780.0	1.5	0.0	753	390.0	780.0	4.0	0.0
754	390.0	810.0	1.5	0.0	754	390.0	810.0	4.0	0.0
755	390.0	840.0	1.5	0.0	755	390.0	840.0	4.0	0.0
756	390.0	870.0	1.5	0.0	756	390.0	870.0	4.0	0.0
757	390.0	900.0	1.5	0.0	757	390.0	900.0	4.0	0.0

758	390.0	930.0	1.5	0.0	758	390.0	930.0	4.0	0.0
759	390.0	960.0	1.5	0.0	759	390.0	960.0	4.0	0.0
760	390.0	990.0	1.5	0.0	760	390.0	990.0	4.0	0.0
761	390.0	1020.0	1.5	0.0	761	390.0	1020.0	4.0	0.0
762	390.0	1050.0	1.5	0.0	762	390.0	1050.0	4.0	0.0
763	390.0	1080.0	1.5	0.0	763	390.0	1080.0	4.0	0.0
764	390.0	1110.0	1.5	0.0	764	390.0	1110.0	4.0	0.0
765	390.0	1140.0	1.5	0.0	765	390.0	1140.0	4.0	0.0
766	390.0	1170.0	1.5	0.0	766	390.0	1170.0	4.0	0.0
767	390.0	1200.0	1.5	0.0	767	390.0	1200.0	4.0	0.0
768	390.0	1230.0	1.5	0.0	768	390.0	1230.0	4.0	0.0
769	390.0	1260.0	1.5	0.0	769	390.0	1260.0	4.0	0.0
770	390.0	1290.0	1.5	0.0	770	390.0	1290.0	4.0	0.0
771	390.0	1320.0	1.5	0.0	771	390.0	1320.0	4.0	0.0
772	390.0	1350.0	1.5	0.0	772	390.0	1350.0	4.0	0.0
773	390.0	1380.0	1.5	0.0	773	390.0	1380.0	4.0	0.0
774	390.0	1410.0	1.5	0.0	774	390.0	1410.0	4.0	0.0
775	390.0	1440.0	1.5	0.0	775	390.0	1440.0	4.0	0.0
776	390.0	1470.0	1.5	0.0	776	390.0	1470.0	4.0	0.0
777	390.0	1500.0	1.5	0.0	777	390.0	1500.0	4.0	0.0
778	390.0	1530.0	1.5	0.0	778	390.0	1530.0	4.0	0.0
779	390.0	1560.0	1.5	0.0	779	390.0	1560.0	4.0	0.0
780	390.0	1590.0	1.5	0.0	780	390.0	1590.0	4.0	0.0
781	390.0	1620.0	1.5	0.0	781	390.0	1620.0	4.0	0.0
782	390.0	1650.0	1.5	0.0	782	390.0	1650.0	4.0	0.0
783	420.0	0.0	1.5	0.0	783	420.0	0.0	4.0	0.0
784	420.0	30.0	1.5	0.0	784	420.0	30.0	4.0	0.0
785	420.0	60.0	1.5	0.0	785	420.0	60.0	4.0	0.0
786	420.0	90.0	1.5	0.0	786	420.0	90.0	4.0	0.0
787	420.0	120.0	1.5	0.0	787	420.0	120.0	4.0	0.0
788	420.0	150.0	1.5	0.0	788	420.0	150.0	4.0	0.0
789	420.0	180.0	1.5	0.0	789	420.0	180.0	4.0	0.0
790	420.0	210.0	1.5	0.0	790	420.0	210.0	4.0	0.0
791	420.0	240.0	1.5	0.0	791	420.0	240.0	4.0	0.0
792	420.0	270.0	1.5	0.0	792	420.0	270.0	4.0	0.0
793	420.0	300.0	1.5	0.0	793	420.0	300.0	4.0	0.0
794	420.0	330.0	1.5	0.0	794	420.0	330.0	4.0	0.0
795	420.0	360.0	1.5	0.0	795	420.0	360.0	4.0	0.0
796	420.0	390.0	1.5	0.0	796	420.0	390.0	4.0	0.0
797	420.0	420.0	1.5	0.0	797	420.0	420.0	4.0	0.0
798	420.0	450.0	1.5	0.0	798	420.0	450.0	4.0	0.0
799	420.0	480.0	1.5	0.0	799	420.0	480.0	4.0	0.0
800	420.0	510.0	1.5	0.0	800	420.0	510.0	4.0	0.0
801	420.0	540.0	1.5	0.0	801	420.0	540.0	4.0	0.0
802	420.0	570.0	1.5	0.0	802	420.0	570.0	4.0	0.0
803	420.0	600.0	1.5	0.0	803	420.0	600.0	4.0	0.0
804	420.0	630.0	1.5	0.0	804	420.0	630.0	4.0	0.0
805	420.0	660.0	1.5	0.0	805	420.0	660.0	4.0	0.0
806	420.0	690.0	1.5	0.0	806	420.0	690.0	4.0	0.0
807	420.0	720.0	1.5	0.0	807	420.0	720.0	4.0	0.0
808	420.0	750.0	1.5	0.0	808	420.0	750.0	4.0	0.0
809	420.0	780.0	1.5	0.0	809	420.0	780.0	4.0	0.0
810	420.0	810.0	1.5	0.0	810	420.0	810.0	4.0	0.0
811	420.0	840.0	1.5	0.0	811	420.0	840.0	4.0	0.0
812	420.0	870.0	1.5	0.0	812	420.0	870.0	4.0	0.0
813	420.0	900.0	1.5	0.0	813	420.0	900.0	4.0	0.0
814	420.0	930.0	1.5	0.0	814	420.0	930.0	4.0	0.0
815	420.0	960.0	1.5	0.0	815	420.0	960.0	4.0	0.0

816	420.0	990.0	1.5	0.0	816	420.0	990.0	4.0	0.0
817	420.0	1020.0	1.5	0.0	817	420.0	1020.0	4.0	0.0
818	420.0	1050.0	1.5	0.0	818	420.0	1050.0	4.0	0.0
819	420.0	1080.0	1.5	0.0	819	420.0	1080.0	4.0	0.0
820	420.0	1110.0	1.5	0.0	820	420.0	1110.0	4.0	0.0
821	420.0	1140.0	1.5	0.0	821	420.0	1140.0	4.0	0.0
822	420.0	1170.0	1.5	0.0	822	420.0	1170.0	4.0	0.0
823	420.0	1200.0	1.5	0.0	823	420.0	1200.0	4.0	0.0
824	420.0	1230.0	1.5	0.0	824	420.0	1230.0	4.0	0.0
825	420.0	1260.0	1.5	0.0	825	420.0	1260.0	4.0	0.0
826	420.0	1290.0	1.5	0.0	826	420.0	1290.0	4.0	0.0
827	420.0	1320.0	1.5	0.0	827	420.0	1320.0	4.0	0.0
828	420.0	1350.0	1.5	0.0	828	420.0	1350.0	4.0	0.0
829	420.0	1380.0	1.5	0.0	829	420.0	1380.0	4.0	0.0
830	420.0	1410.0	1.5	0.0	830	420.0	1410.0	4.0	0.0
831	420.0	1440.0	1.5	0.0	831	420.0	1440.0	4.0	0.0
832	420.0	1470.0	1.5	0.0	832	420.0	1470.0	4.0	0.0
833	420.0	1500.0	1.5	0.0	833	420.0	1500.0	4.0	0.0
834	420.0	1530.0	1.5	0.0	834	420.0	1530.0	4.0	0.0
835	420.0	1560.0	1.5	0.0	835	420.0	1560.0	4.0	0.0
836	420.0	1590.0	1.5	0.0	836	420.0	1590.0	4.0	0.0
837	420.0	1620.0	1.5	0.0	837	420.0	1620.0	4.0	0.0
838	420.0	1650.0	1.5	0.0	838	420.0	1650.0	4.0	0.0
839	450.0	0.0	1.5	0.0	839	450.0	0.0	4.0	0.0
840	450.0	30.0	1.5	0.0	840	450.0	30.0	4.0	0.0
841	450.0	60.0	1.5	0.0	841	450.0	60.0	4.0	0.0
842	450.0	90.0	1.5	0.0	842	450.0	90.0	4.0	0.0
843	450.0	120.0	1.5	0.0	843	450.0	120.0	4.0	0.0
844	450.0	150.0	1.5	0.0	844	450.0	150.0	4.0	0.0
845	450.0	180.0	1.5	0.0	845	450.0	180.0	4.0	0.0
846	450.0	210.0	1.5	0.0	846	450.0	210.0	4.0	0.0
847	450.0	240.0	1.5	0.0	847	450.0	240.0	4.0	0.0
848	450.0	270.0	1.5	0.0	848	450.0	270.0	4.0	0.0
849	450.0	300.0	1.5	0.0	849	450.0	300.0	4.0	0.0
850	450.0	330.0	1.5	0.0	850	450.0	330.0	4.0	0.0
851	450.0	360.0	1.5	0.0	851	450.0	360.0	4.0	0.0
852	450.0	390.0	1.5	0.0	852	450.0	390.0	4.0	0.0
853	450.0	420.0	1.5	0.0	853	450.0	420.0	4.0	0.0
854	450.0	450.0	1.5	0.0	854	450.0	450.0	4.0	0.0
855	450.0	480.0	1.5	0.0	855	450.0	480.0	4.0	0.0
856	450.0	510.0	1.5	0.0	856	450.0	510.0	4.0	0.0
857	450.0	540.0	1.5	0.0	857	450.0	540.0	4.0	0.0
858	450.0	570.0	1.5	0.0	858	450.0	570.0	4.0	0.0
859	450.0	600.0	1.5	0.0	859	450.0	600.0	4.0	0.0
860	450.0	630.0	1.5	0.0	860	450.0	630.0	4.0	0.0
861	450.0	660.0	1.5	0.0	861	450.0	660.0	4.0	0.0
862	450.0	690.0	1.5	0.0	862	450.0	690.0	4.0	0.0
863	450.0	720.0	1.5	0.0	863	450.0	720.0	4.0	0.0
864	450.0	750.0	1.5	0.0	864	450.0	750.0	4.0	0.0
865	450.0	780.0	1.5	0.0	865	450.0	780.0	4.0	0.0
866	450.0	810.0	1.5	0.0	866	450.0	810.0	4.0	0.0
867	450.0	840.0	1.5	0.0	867	450.0	840.0	4.0	0.0
868	450.0	870.0	1.5	0.0	868	450.0	870.0	4.0	0.0
869	450.0	900.0	1.5	0.0	869	450.0	900.0	4.0	0.0
870	450.0	930.0	1.5	0.0	870	450.0	930.0	4.0	0.0
871	450.0	960.0	1.5	0.0	871	450.0	960.0	4.0	0.0
872	450.0	990.0	1.5	0.0	872	450.0	990.0	4.0	0.0
873	450.0	1020.0	1.5	0.0	873	450.0	1020.0	4.0	0.0

874	450.0	1050.0	1.5	0.0	874	450.0	1050.0	4.0	0.0
875	450.0	1080.0	1.5	0.0	875	450.0	1080.0	4.0	0.0
876	450.0	1110.0	1.5	0.0	876	450.0	1110.0	4.0	0.0
877	450.0	1140.0	1.5	0.0	877	450.0	1140.0	4.0	0.0
878	450.0	1170.0	1.5	0.0	878	450.0	1170.0	4.0	0.0
879	450.0	1200.0	1.5	0.0	879	450.0	1200.0	4.0	0.0
880	450.0	1230.0	1.5	0.0	880	450.0	1230.0	4.0	0.0
881	450.0	1260.0	1.5	0.0	881	450.0	1260.0	4.0	0.0
882	450.0	1290.0	1.5	0.0	882	450.0	1290.0	4.0	0.0
883	450.0	1320.0	1.5	0.0	883	450.0	1320.0	4.0	0.0
884	450.0	1350.0	1.5	0.0	884	450.0	1350.0	4.0	0.0
885	450.0	1380.0	1.5	0.0	885	450.0	1380.0	4.0	0.0
886	450.0	1410.0	1.5	0.0	886	450.0	1410.0	4.0	0.0
887	450.0	1440.0	1.5	0.0	887	450.0	1440.0	4.0	0.0
888	450.0	1470.0	1.5	0.0	888	450.0	1470.0	4.0	0.0
889	450.0	1500.0	1.5	0.0	889	450.0	1500.0	4.0	0.0
890	450.0	1530.0	1.5	0.0	890	450.0	1530.0	4.0	0.0
891	450.0	1560.0	1.5	0.0	891	450.0	1560.0	4.0	0.0
892	450.0	1590.0	1.5	0.0	892	450.0	1590.0	4.0	0.0
893	450.0	1620.0	1.5	0.0	893	450.0	1620.0	4.0	0.0
894	450.0	1650.0	1.5	0.0	894	450.0	1650.0	4.0	0.0
895	480.0	0.0	1.5	0.0	895	480.0	0.0	4.0	0.0
896	480.0	30.0	1.5	0.0	896	480.0	30.0	4.0	0.0
897	480.0	60.0	1.5	0.0	897	480.0	60.0	4.0	0.0
898	480.0	90.0	1.5	0.0	898	480.0	90.0	4.0	0.0
899	480.0	120.0	1.5	0.0	899	480.0	120.0	4.0	0.0
900	480.0	150.0	1.5	0.0	900	480.0	150.0	4.0	0.0
901	480.0	180.0	1.5	0.0	901	480.0	180.0	4.0	0.0
902	480.0	210.0	1.5	0.0	902	480.0	210.0	4.0	0.0
903	480.0	240.0	1.5	0.0	903	480.0	240.0	4.0	0.0
904	480.0	270.0	1.5	0.0	904	480.0	270.0	4.0	0.0
905	480.0	300.0	1.5	0.0	905	480.0	300.0	4.0	0.0
906	480.0	330.0	1.5	0.0	906	480.0	330.0	4.0	0.0
907	480.0	360.0	1.5	0.0	907	480.0	360.0	4.0	0.0
908	480.0	390.0	1.5	0.0	908	480.0	390.0	4.0	0.0
909	480.0	420.0	1.5	0.0	909	480.0	420.0	4.0	0.0
910	480.0	450.0	1.5	0.0	910	480.0	450.0	4.0	0.0
911	480.0	480.0	1.5	0.0	911	480.0	480.0	4.0	0.0
912	480.0	510.0	1.5	0.0	912	480.0	510.0	4.0	0.0
913	480.0	540.0	1.5	0.0	913	480.0	540.0	4.0	0.0
914	480.0	570.0	1.5	0.0	914	480.0	570.0	4.0	0.0
915	480.0	600.0	1.5	0.0	915	480.0	600.0	4.0	0.0
916	480.0	630.0	1.5	0.0	916	480.0	630.0	4.0	0.0
917	480.0	660.0	1.5	0.0	917	480.0	660.0	4.0	0.0
918	480.0	690.0	1.5	0.0	918	480.0	690.0	4.0	0.0
919	480.0	720.0	1.5	0.0	919	480.0	720.0	4.0	0.0
920	480.0	750.0	1.5	0.0	920	480.0	750.0	4.0	0.0
921	480.0	780.0	1.5	0.0	921	480.0	780.0	4.0	0.0
922	480.0	810.0	1.5	0.0	922	480.0	810.0	4.0	0.0
923	480.0	840.0	1.5	0.0	923	480.0	840.0	4.0	0.0
924	480.0	870.0	1.5	0.0	924	480.0	870.0	4.0	0.0
925	480.0	900.0	1.5	0.0	925	480.0	900.0	4.0	0.0
926	480.0	930.0	1.5	0.0	926	480.0	930.0	4.0	0.0
927	480.0	960.0	1.5	0.0	927	480.0	960.0	4.0	0.0
928	480.0	990.0	1.5	0.0	928	480.0	990.0	4.0	0.0
929	480.0	1020.0	1.5	0.0	929	480.0	1020.0	4.0	0.0
930	480.0	1050.0	1.5	0.0	930	480.0	1050.0	4.0	0.0
931	480.0	1080.0	1.5	0.0	931	480.0	1080.0	4.0	0.0

932	480.0	1110.0	1.5	0.0	932	480.0	1110.0	4.0	0.0
933	480.0	1140.0	1.5	0.0	933	480.0	1140.0	4.0	0.0
934	480.0	1170.0	1.5	0.0	934	480.0	1170.0	4.0	0.0
935	480.0	1200.0	1.5	0.0	935	480.0	1200.0	4.0	0.0
936	480.0	1230.0	1.5	0.0	936	480.0	1230.0	4.0	0.0
937	480.0	1260.0	1.5	0.0	937	480.0	1260.0	4.0	0.0
938	480.0	1290.0	1.5	0.0	938	480.0	1290.0	4.0	0.0
939	480.0	1320.0	1.5	0.0	939	480.0	1320.0	4.0	0.0
940	480.0	1350.0	1.5	0.0	940	480.0	1350.0	4.0	0.0
941	480.0	1380.0	1.5	0.0	941	480.0	1380.0	4.0	0.0
942	480.0	1410.0	1.5	0.0	942	480.0	1410.0	4.0	0.0
943	480.0	1440.0	1.5	0.0	943	480.0	1440.0	4.0	0.0
944	480.0	1470.0	1.5	0.0	944	480.0	1470.0	4.0	0.0
945	480.0	1500.0	1.5	0.0	945	480.0	1500.0	4.0	0.0
946	480.0	1530.0	1.5	0.0	946	480.0	1530.0	4.0	0.0
947	480.0	1560.0	1.5	0.0	947	480.0	1560.0	4.0	0.0
948	480.0	1590.0	1.5	0.0	948	480.0	1590.0	4.0	0.0
949	480.0	1620.0	1.5	0.0	949	480.0	1620.0	4.0	0.0
950	480.0	1650.0	1.5	0.0	950	480.0	1650.0	4.0	0.0
951	510.0	0.0	1.5	0.0	951	510.0	0.0	4.0	0.0
952	510.0	30.0	1.5	0.0	952	510.0	30.0	4.0	0.0
953	510.0	60.0	1.5	0.0	953	510.0	60.0	4.0	0.0
954	510.0	90.0	1.5	0.0	954	510.0	90.0	4.0	0.0
955	510.0	120.0	1.5	0.0	955	510.0	120.0	4.0	0.0
956	510.0	150.0	1.5	0.0	956	510.0	150.0	4.0	0.0
957	510.0	180.0	1.5	0.0	957	510.0	180.0	4.0	0.0
958	510.0	210.0	1.5	0.0	958	510.0	210.0	4.0	0.0
959	510.0	240.0	1.5	0.0	959	510.0	240.0	4.0	0.0
960	510.0	270.0	1.5	0.0	960	510.0	270.0	4.0	0.0
961	510.0	300.0	1.5	0.0	961	510.0	300.0	4.0	0.0
962	510.0	330.0	1.5	0.0	962	510.0	330.0	4.0	0.0
963	510.0	360.0	1.5	0.0	963	510.0	360.0	4.0	0.0
964	510.0	390.0	1.5	0.0	964	510.0	390.0	4.0	0.0
965	510.0	420.0	1.5	0.0	965	510.0	420.0	4.0	0.0
966	510.0	450.0	1.5	0.0	966	510.0	450.0	4.0	0.0
967	510.0	480.0	1.5	0.0	967	510.0	480.0	4.0	0.0
968	510.0	510.0	1.5	0.0	968	510.0	510.0	4.0	0.0
969	510.0	540.0	1.5	0.0	969	510.0	540.0	4.0	0.0
970	510.0	570.0	1.5	0.0	970	510.0	570.0	4.0	0.0
971	510.0	600.0	1.5	0.0	971	510.0	600.0	4.0	0.0
972	510.0	630.0	1.5	0.0	972	510.0	630.0	4.0	0.0
973	510.0	660.0	1.5	0.0	973	510.0	660.0	4.0	0.0
974	510.0	690.0	1.5	0.0	974	510.0	690.0	4.0	0.0
975	510.0	720.0	1.5	0.0	975	510.0	720.0	4.0	0.0
976	510.0	750.0	1.5	0.0	976	510.0	750.0	4.0	0.0
977	510.0	780.0	1.5	0.0	977	510.0	780.0	4.0	0.0
978	510.0	810.0	1.5	0.0	978	510.0	810.0	4.0	0.0
979	510.0	840.0	1.5	0.0	979	510.0	840.0	4.0	0.0
980	510.0	870.0	1.5	0.0	980	510.0	870.0	4.0	0.0
981	510.0	900.0	1.5	0.0	981	510.0	900.0	4.0	0.0
982	510.0	930.0	1.5	0.0	982	510.0	930.0	4.0	0.0
983	510.0	960.0	1.5	0.0	983	510.0	960.0	4.0	0.0
984	510.0	990.0	1.5	0.0	984	510.0	990.0	4.0	0.0
985	510.0	1020.0	1.5	0.0	985	510.0	1020.0	4.0	0.0
986	510.0	1050.0	1.5	0.0	986	510.0	1050.0	4.0	0.0
987	510.0	1080.0	1.5	0.0	987	510.0	1080.0	4.0	0.0
988	510.0	1110.0	1.5	0.0	988	510.0	1110.0	4.0	0.0
989	510.0	1140.0	1.5	0.0	989	510.0	1140.0	4.0	0.0

990	510.0	1170.0	1.5	0.0	990	510.0	1170.0	4.0	0.0
991	510.0	1200.0	1.5	0.0	991	510.0	1200.0	4.0	0.0
992	510.0	1230.0	1.5	0.0	992	510.0	1230.0	4.0	0.0
993	510.0	1260.0	1.5	0.0	993	510.0	1260.0	4.0	0.0
994	510.0	1290.0	1.5	0.0	994	510.0	1290.0	4.0	0.0
995	510.0	1320.0	1.5	0.0	995	510.0	1320.0	4.0	0.0
996	510.0	1350.0	1.5	0.0	996	510.0	1350.0	4.0	0.0
997	510.0	1380.0	1.5	0.0	997	510.0	1380.0	4.0	0.0
998	510.0	1410.0	1.5	0.0	998	510.0	1410.0	4.0	0.0
999	510.0	1440.0	1.5	0.0	999	510.0	1440.0	4.0	0.0
1000	510.0	1470.0	1.5	0.0	1000	510.0	1470.0	4.0	0.0
1001	510.0	1500.0	1.5	0.0	1001	510.0	1500.0	4.0	0.0
1002	510.0	1530.0	1.5	0.0	1002	510.0	1530.0	4.0	0.0
1003	510.0	1560.0	1.5	0.0	1003	510.0	1560.0	4.0	0.0
1004	510.0	1590.0	1.5	0.0	1004	510.0	1590.0	4.0	0.0
1005	510.0	1620.0	1.5	0.0	1005	510.0	1620.0	4.0	0.0
1006	510.0	1650.0	1.5	0.0	1006	510.0	1650.0	4.0	0.0
1007	540.0	0.0	1.5	0.0	1007	540.0	0.0	4.0	0.0
1008	540.0	30.0	1.5	0.0	1008	540.0	30.0	4.0	0.0
1009	540.0	60.0	1.5	0.0	1009	540.0	60.0	4.0	0.0
1010	540.0	90.0	1.5	0.0	1010	540.0	90.0	4.0	0.0
1011	540.0	120.0	1.5	0.0	1011	540.0	120.0	4.0	0.0
1012	540.0	150.0	1.5	0.0	1012	540.0	150.0	4.0	0.0
1013	540.0	180.0	1.5	0.0	1013	540.0	180.0	4.0	0.0
1014	540.0	210.0	1.5	0.0	1014	540.0	210.0	4.0	0.0
1015	540.0	240.0	1.5	0.0	1015	540.0	240.0	4.0	0.0
1016	540.0	270.0	1.5	0.0	1016	540.0	270.0	4.0	0.0
1017	540.0	300.0	1.5	0.0	1017	540.0	300.0	4.0	0.0
1018	540.0	330.0	1.5	0.0	1018	540.0	330.0	4.0	0.0
1019	540.0	360.0	1.5	0.0	1019	540.0	360.0	4.0	0.0
1020	540.0	390.0	1.5	0.0	1020	540.0	390.0	4.0	0.0
1021	540.0	420.0	1.5	0.0	1021	540.0	420.0	4.0	0.0
1022	540.0	450.0	1.5	0.0	1022	540.0	450.0	4.0	0.0
1023	540.0	480.0	1.5	0.0	1023	540.0	480.0	4.0	0.0
1024	540.0	510.0	1.5	0.0	1024	540.0	510.0	4.0	0.0
1025	540.0	540.0	1.5	0.0	1025	540.0	540.0	4.0	0.0
1026	540.0	570.0	1.5	0.0	1026	540.0	570.0	4.0	0.0
1027	540.0	600.0	1.5	0.0	1027	540.0	600.0	4.0	0.0
1028	540.0	630.0	1.5	0.0	1028	540.0	630.0	4.0	0.0
1029	540.0	660.0	1.5	0.0	1029	540.0	660.0	4.0	0.0
1030	540.0	690.0	1.5	0.0	1030	540.0	690.0	4.0	0.0
1031	540.0	720.0	1.5	0.0	1031	540.0	720.0	4.0	0.0
1032	540.0	750.0	1.5	0.0	1032	540.0	750.0	4.0	0.0
1033	540.0	780.0	1.5	0.0	1033	540.0	780.0	4.0	0.0
1034	540.0	810.0	1.5	0.0	1034	540.0	810.0	4.0	0.0
1035	540.0	840.0	1.5	0.0	1035	540.0	840.0	4.0	0.0
1036	540.0	870.0	1.5	0.0	1036	540.0	870.0	4.0	0.0
1037	540.0	900.0	1.5	0.0	1037	540.0	900.0	4.0	0.0
1038	540.0	930.0	1.5	0.0	1038	540.0	930.0	4.0	0.0
1039	540.0	960.0	1.5	0.0	1039	540.0	960.0	4.0	0.0
1040	540.0	990.0	1.5	0.0	1040	540.0	990.0	4.0	0.0
1041	540.0	1020.0	1.5	0.0	1041	540.0	1020.0	4.0	0.0
1042	540.0	1050.0	1.5	0.0	1042	540.0	1050.0	4.0	0.0
1043	540.0	1080.0	1.5	0.0	1043	540.0	1080.0	4.0	0.0
1044	540.0	1110.0	1.5	0.0	1044	540.0	1110.0	4.0	0.0
1045	540.0	1140.0	1.5	0.0	1045	540.0	1140.0	4.0	0.0
1046	540.0	1170.0	1.5	0.0	1046	540.0	1170.0	4.0	0.0
1047	540.0	1200.0	1.5	0.0	1047	540.0	1200.0	4.0	0.0

1048	540.0	1230.0	1.5	0.0	1048	540.0	1230.0	4.0	0.0
1049	540.0	1260.0	1.5	0.0	1049	540.0	1260.0	4.0	0.0
1050	540.0	1290.0	1.5	0.0	1050	540.0	1290.0	4.0	0.0
1051	540.0	1320.0	1.5	0.0	1051	540.0	1320.0	4.0	0.0
1052	540.0	1350.0	1.5	0.0	1052	540.0	1350.0	4.0	0.0
1053	540.0	1380.0	1.5	0.0	1053	540.0	1380.0	4.0	0.0
1054	540.0	1410.0	1.5	0.0	1054	540.0	1410.0	4.0	0.0
1055	540.0	1440.0	1.5	0.0	1055	540.0	1440.0	4.0	0.0
1056	540.0	1470.0	1.5	0.0	1056	540.0	1470.0	4.0	0.0
1057	540.0	1500.0	1.5	0.0	1057	540.0	1500.0	4.0	0.0
1058	540.0	1530.0	1.5	0.0	1058	540.0	1530.0	4.0	0.0
1059	540.0	1560.0	1.5	0.0	1059	540.0	1560.0	4.0	0.0
1060	540.0	1590.0	1.5	0.0	1060	540.0	1590.0	4.0	0.0
1061	540.0	1620.0	1.5	0.0	1061	540.0	1620.0	4.0	0.0
1062	540.0	1650.0	1.5	0.0	1062	540.0	1650.0	4.0	0.0
1063	570.0	0.0	1.5	0.0	1063	570.0	0.0	4.0	0.0
1064	570.0	30.0	1.5	0.0	1064	570.0	30.0	4.0	0.0
1065	570.0	60.0	1.5	0.0	1065	570.0	60.0	4.0	0.0
1066	570.0	90.0	1.5	0.0	1066	570.0	90.0	4.0	0.0
1067	570.0	120.0	1.5	0.0	1067	570.0	120.0	4.0	0.0
1068	570.0	150.0	1.5	0.0	1068	570.0	150.0	4.0	0.0
1069	570.0	180.0	1.5	0.0	1069	570.0	180.0	4.0	0.0
1070	570.0	210.0	1.5	0.0	1070	570.0	210.0	4.0	0.0
1071	570.0	240.0	1.5	0.0	1071	570.0	240.0	4.0	0.0
1072	570.0	270.0	1.5	0.0	1072	570.0	270.0	4.0	0.0
1073	570.0	300.0	1.5	0.0	1073	570.0	300.0	4.0	0.0
1074	570.0	330.0	1.5	0.0	1074	570.0	330.0	4.0	0.0
1075	570.0	360.0	1.5	0.0	1075	570.0	360.0	4.0	0.0
1076	570.0	390.0	1.5	0.0	1076	570.0	390.0	4.0	0.0
1077	570.0	420.0	1.5	0.0	1077	570.0	420.0	4.0	0.0
1078	570.0	450.0	1.5	0.0	1078	570.0	450.0	4.0	0.0
1079	570.0	480.0	1.5	0.0	1079	570.0	480.0	4.0	0.0
1080	570.0	510.0	1.5	0.0	1080	570.0	510.0	4.0	0.0
1081	570.0	540.0	1.5	0.0	1081	570.0	540.0	4.0	0.0
1082	570.0	570.0	1.5	0.0	1082	570.0	570.0	4.0	0.0
1083	570.0	600.0	1.5	0.0	1083	570.0	600.0	4.0	0.0
1084	570.0	630.0	1.5	0.0	1084	570.0	630.0	4.0	0.0
1085	570.0	660.0	1.5	0.0	1085	570.0	660.0	4.0	0.0
1086	570.0	690.0	1.5	0.0	1086	570.0	690.0	4.0	0.0
1087	570.0	720.0	1.5	0.0	1087	570.0	720.0	4.0	0.0
1088	570.0	750.0	1.5	0.0	1088	570.0	750.0	4.0	0.0
1089	570.0	780.0	1.5	0.0	1089	570.0	780.0	4.0	0.0
1090	570.0	810.0	1.5	0.0	1090	570.0	810.0	4.0	0.0
1091	570.0	840.0	1.5	0.0	1091	570.0	840.0	4.0	0.0
1092	570.0	870.0	1.5	0.0	1092	570.0	870.0	4.0	0.0
1093	570.0	900.0	1.5	0.0	1093	570.0	900.0	4.0	0.0
1094	570.0	930.0	1.5	0.0	1094	570.0	930.0	4.0	0.0
1095	570.0	960.0	1.5	0.0	1095	570.0	960.0	4.0	0.0
1096	570.0	990.0	1.5	0.0	1096	570.0	990.0	4.0	0.0
1097	570.0	1020.0	1.5	0.0	1097	570.0	1020.0	4.0	0.0
1098	570.0	1050.0	1.5	0.0	1098	570.0	1050.0	4.0	0.0
1099	570.0	1080.0	1.5	0.0	1099	570.0	1080.0	4.0	0.0
1100	570.0	1110.0	1.5	0.0	1100	570.0	1110.0	4.0	0.0
1101	570.0	1140.0	1.5	0.0	1101	570.0	1140.0	4.0	0.0
1102	570.0	1170.0	1.5	0.0	1102	570.0	1170.0	4.0	0.0
1103	570.0	1200.0	1.5	0.0	1103	570.0	1200.0	4.0	0.0
1104	570.0	1230.0	1.5	11.9	1104	570.0	1230.0	4.0	11.3
1105	570.0	1260.0	1.5	0.0	1105	570.0	1260.0	4.0	0.0

1106	570.0	1290.0	1.5	0.0	1106	570.0	1290.0	4.0	0.0
1107	570.0	1320.0	1.5	0.0	1107	570.0	1320.0	4.0	0.0
1108	570.0	1350.0	1.5	0.0	1108	570.0	1350.0	4.0	0.0
1109	570.0	1380.0	1.5	0.0	1109	570.0	1380.0	4.0	0.0
1110	570.0	1410.0	1.5	0.0	1110	570.0	1410.0	4.0	0.0
1111	570.0	1440.0	1.5	0.0	1111	570.0	1440.0	4.0	0.0
1112	570.0	1470.0	1.5	0.0	1112	570.0	1470.0	4.0	0.0
1113	570.0	1500.0	1.5	0.0	1113	570.0	1500.0	4.0	0.0
1114	570.0	1530.0	1.5	0.0	1114	570.0	1530.0	4.0	0.0
1115	570.0	1560.0	1.5	0.0	1115	570.0	1560.0	4.0	0.0
1116	570.0	1590.0	1.5	0.0	1116	570.0	1590.0	4.0	0.0
1117	570.0	1620.0	1.5	0.0	1117	570.0	1620.0	4.0	0.0
1118	570.0	1650.0	1.5	0.0	1118	570.0	1650.0	4.0	0.0
1119	600.0	0.0	1.5	0.0	1119	600.0	0.0	4.0	0.0
1120	600.0	30.0	1.5	0.0	1120	600.0	30.0	4.0	0.0
1121	600.0	60.0	1.5	0.0	1121	600.0	60.0	4.0	0.0
1122	600.0	90.0	1.5	0.0	1122	600.0	90.0	4.0	0.0
1123	600.0	120.0	1.5	0.0	1123	600.0	120.0	4.0	0.0
1124	600.0	150.0	1.5	0.0	1124	600.0	150.0	4.0	0.0
1125	600.0	180.0	1.5	0.0	1125	600.0	180.0	4.0	0.0
1126	600.0	210.0	1.5	0.0	1126	600.0	210.0	4.0	0.0
1127	600.0	240.0	1.5	0.0	1127	600.0	240.0	4.0	0.0
1128	600.0	270.0	1.5	0.0	1128	600.0	270.0	4.0	0.0
1129	600.0	300.0	1.5	0.0	1129	600.0	300.0	4.0	0.0
1130	600.0	330.0	1.5	0.0	1130	600.0	330.0	4.0	0.0
1131	600.0	360.0	1.5	0.0	1131	600.0	360.0	4.0	0.0
1132	600.0	390.0	1.5	0.0	1132	600.0	390.0	4.0	0.0
1133	600.0	420.0	1.5	0.0	1133	600.0	420.0	4.0	0.0
1134	600.0	450.0	1.5	0.0	1134	600.0	450.0	4.0	0.0
1135	600.0	480.0	1.5	0.0	1135	600.0	480.0	4.0	0.0
1136	600.0	510.0	1.5	0.0	1136	600.0	510.0	4.0	0.0
1137	600.0	540.0	1.5	0.0	1137	600.0	540.0	4.0	0.0
1138	600.0	570.0	1.5	0.0	1138	600.0	570.0	4.0	0.0
1139	600.0	600.0	1.5	0.0	1139	600.0	600.0	4.0	0.0
1140	600.0	630.0	1.5	0.0	1140	600.0	630.0	4.0	0.0
1141	600.0	660.0	1.5	0.0	1141	600.0	660.0	4.0	0.0
1142	600.0	690.0	1.5	0.0	1142	600.0	690.0	4.0	0.0
1143	600.0	720.0	1.5	0.0	1143	600.0	720.0	4.0	0.0
1144	600.0	750.0	1.5	0.0	1144	600.0	750.0	4.0	0.0
1145	600.0	780.0	1.5	0.0	1145	600.0	780.0	4.0	0.0
1146	600.0	810.0	1.5	0.0	1146	600.0	810.0	4.0	0.0
1147	600.0	840.0	1.5	0.0	1147	600.0	840.0	4.0	0.0
1148	600.0	870.0	1.5	0.0	1148	600.0	870.0	4.0	0.0
1149	600.0	900.0	1.5	0.0	1149	600.0	900.0	4.0	0.0
1150	600.0	930.0	1.5	0.0	1150	600.0	930.0	4.0	0.0
1151	600.0	960.0	1.5	0.0	1151	600.0	960.0	4.0	0.0
1152	600.0	990.0	1.5	0.0	1152	600.0	990.0	4.0	0.0
1153	600.0	1020.0	1.5	0.0	1153	600.0	1020.0	4.0	0.0
1154	600.0	1050.0	1.5	0.0	1154	600.0	1050.0	4.0	0.0
1155	600.0	1080.0	1.5	0.0	1155	600.0	1080.0	4.0	0.0
1156	600.0	1110.0	1.5	10.5	1156	600.0	1110.0	4.0	9.9
1157	600.0	1140.0	1.5	10.8	1157	600.0	1140.0	4.0	10.1
1158	600.0	1170.0	1.5	11.0	1158	600.0	1170.0	4.0	10.3
1159	600.0	1200.0	1.5	11.1	1159	600.0	1200.0	4.0	10.4
1160	600.0	1230.0	1.5	12.6	1160	600.0	1230.0	4.0	12.0
1161	600.0	1260.0	1.5	12.6	1161	600.0	1260.0	4.0	12.0
1162	600.0	1290.0	1.5	12.6	1162	600.0	1290.0	4.0	12.0
1163	600.0	1320.0	1.5	12.6	1163	600.0	1320.0	4.0	12.0

1164	600.0	1350.0	1.5	12.5	1164	600.0	1350.0	4.0	11.8
1165	600.0	1380.0	1.5	0.0	1165	600.0	1380.0	4.0	0.0
1166	600.0	1410.0	1.5	0.0	1166	600.0	1410.0	4.0	0.0
1167	600.0	1440.0	1.5	0.0	1167	600.0	1440.0	4.0	0.0
1168	600.0	1470.0	1.5	0.0	1168	600.0	1470.0	4.0	0.0
1169	600.0	1500.0	1.5	0.0	1169	600.0	1500.0	4.0	0.0
1170	600.0	1530.0	1.5	0.0	1170	600.0	1530.0	4.0	0.0
1171	600.0	1560.0	1.5	0.0	1171	600.0	1560.0	4.0	0.0
1172	600.0	1590.0	1.5	0.0	1172	600.0	1590.0	4.0	0.0
1173	600.0	1620.0	1.5	0.0	1173	600.0	1620.0	4.0	0.0
1174	600.0	1650.0	1.5	0.0	1174	600.0	1650.0	4.0	0.0
1175	630.0	0.0	1.5	0.0	1175	630.0	0.0	4.0	0.0
1176	630.0	30.0	1.5	0.0	1176	630.0	30.0	4.0	0.0
1177	630.0	60.0	1.5	0.0	1177	630.0	60.0	4.0	0.0
1178	630.0	90.0	1.5	0.0	1178	630.0	90.0	4.0	0.0
1179	630.0	120.0	1.5	0.0	1179	630.0	120.0	4.0	0.0
1180	630.0	150.0	1.5	0.0	1180	630.0	150.0	4.0	0.0
1181	630.0	180.0	1.5	0.0	1181	630.0	180.0	4.0	0.0
1182	630.0	210.0	1.5	0.0	1182	630.0	210.0	4.0	0.0
1183	630.0	240.0	1.5	0.0	1183	630.0	240.0	4.0	0.0
1184	630.0	270.0	1.5	0.0	1184	630.0	270.0	4.0	0.0
1185	630.0	300.0	1.5	0.0	1185	630.0	300.0	4.0	0.0
1186	630.0	330.0	1.5	0.0	1186	630.0	330.0	4.0	0.0
1187	630.0	360.0	1.5	0.0	1187	630.0	360.0	4.0	0.0
1188	630.0	390.0	1.5	0.0	1188	630.0	390.0	4.0	0.0
1189	630.0	420.0	1.5	0.0	1189	630.0	420.0	4.0	0.0
1190	630.0	450.0	1.5	0.0	1190	630.0	450.0	4.0	0.0
1191	630.0	480.0	1.5	0.0	1191	630.0	480.0	4.0	0.0
1192	630.0	510.0	1.5	0.0	1192	630.0	510.0	4.0	0.0
1193	630.0	540.0	1.5	0.0	1193	630.0	540.0	4.0	0.0
1194	630.0	570.0	1.5	0.0	1194	630.0	570.0	4.0	0.0
1195	630.0	600.0	1.5	0.0	1195	630.0	600.0	4.0	0.0
1196	630.0	630.0	1.5	0.0	1196	630.0	630.0	4.0	0.0
1197	630.0	660.0	1.5	0.0	1197	630.0	660.0	4.0	0.0
1198	630.0	690.0	1.5	0.0	1198	630.0	690.0	4.0	0.0
1199	630.0	720.0	1.5	0.0	1199	630.0	720.0	4.0	0.0
1200	630.0	750.0	1.5	0.0	1200	630.0	750.0	4.0	0.0
1201	630.0	780.0	1.5	0.0	1201	630.0	780.0	4.0	0.0
1202	630.0	810.0	1.5	0.0	1202	630.0	810.0	4.0	0.0
1203	630.0	840.0	1.5	0.0	1203	630.0	840.0	4.0	0.0
1204	630.0	870.0	1.5	0.0	1204	630.0	870.0	4.0	0.0
1205	630.0	900.0	1.5	0.0	1205	630.0	900.0	4.0	0.0
1206	630.0	930.0	1.5	0.0	1206	630.0	930.0	4.0	0.0
1207	630.0	960.0	1.5	0.0	1207	630.0	960.0	4.0	0.0
1208	630.0	990.0	1.5	0.0	1208	630.0	990.0	4.0	0.0
1209	630.0	1020.0	1.5	0.0	1209	630.0	1020.0	4.0	0.0
1210	630.0	1050.0	1.5	10.5	1210	630.0	1050.0	4.0	9.8
1211	630.0	1080.0	1.5	10.9	1211	630.0	1080.0	4.0	10.2
1212	630.0	1110.0	1.5	11.3	1212	630.0	1110.0	4.0	10.5
1213	630.0	1140.0	1.5	11.6	1213	630.0	1140.0	4.0	10.8
1214	630.0	1170.0	1.5	11.8	1214	630.0	1170.0	4.0	11.0
1215	630.0	1200.0	1.5	12.0	1215	630.0	1200.0	4.0	11.2
1216	630.0	1230.0	1.5	13.4	1216	630.0	1230.0	4.0	12.7
1217	630.0	1260.0	1.5	13.4	1217	630.0	1260.0	4.0	12.7
1218	630.0	1290.0	1.5	13.4	1218	630.0	1290.0	4.0	12.7
1219	630.0	1320.0	1.5	13.4	1219	630.0	1320.0	4.0	12.7
1220	630.0	1350.0	1.5	13.2	1220	630.0	1350.0	4.0	12.5
1221	630.0	1380.0	1.5	10.9	1221	630.0	1380.0	4.0	10.2

1222	630.0	1410.0	1.5	12.0	1222	630.0	1410.0	4.0	11.3
1223	630.0	1440.0	1.5	0.0	1223	630.0	1440.0	4.0	0.0
1224	630.0	1470.0	1.5	0.0	1224	630.0	1470.0	4.0	0.0
1225	630.0	1500.0	1.5	0.0	1225	630.0	1500.0	4.0	0.0
1226	630.0	1530.0	1.5	0.0	1226	630.0	1530.0	4.0	0.0
1227	630.0	1560.0	1.5	0.0	1227	630.0	1560.0	4.0	0.0
1228	630.0	1590.0	1.5	0.0	1228	630.0	1590.0	4.0	0.0
1229	630.0	1620.0	1.5	0.0	1229	630.0	1620.0	4.0	0.0
1230	630.0	1650.0	1.5	0.0	1230	630.0	1650.0	4.0	0.0
1231	660.0	0.0	1.5	0.0	1231	660.0	0.0	4.0	0.0
1232	660.0	30.0	1.5	0.0	1232	660.0	30.0	4.0	0.0
1233	660.0	60.0	1.5	0.0	1233	660.0	60.0	4.0	0.0
1234	660.0	90.0	1.5	0.0	1234	660.0	90.0	4.0	0.0
1235	660.0	120.0	1.5	0.0	1235	660.0	120.0	4.0	0.0
1236	660.0	150.0	1.5	0.0	1236	660.0	150.0	4.0	0.0
1237	660.0	180.0	1.5	0.0	1237	660.0	180.0	4.0	0.0
1238	660.0	210.0	1.5	0.0	1238	660.0	210.0	4.0	0.0
1239	660.0	240.0	1.5	0.0	1239	660.0	240.0	4.0	0.0
1240	660.0	270.0	1.5	0.0	1240	660.0	270.0	4.0	0.0
1241	660.0	300.0	1.5	0.0	1241	660.0	300.0	4.0	0.0
1242	660.0	330.0	1.5	0.0	1242	660.0	330.0	4.0	0.0
1243	660.0	360.0	1.5	0.0	1243	660.0	360.0	4.0	0.0
1244	660.0	390.0	1.5	0.0	1244	660.0	390.0	4.0	0.0
1245	660.0	420.0	1.5	0.0	1245	660.0	420.0	4.0	0.0
1246	660.0	450.0	1.5	0.0	1246	660.0	450.0	4.0	0.0
1247	660.0	480.0	1.5	0.0	1247	660.0	480.0	4.0	0.0
1248	660.0	510.0	1.5	0.0	1248	660.0	510.0	4.0	0.0
1249	660.0	540.0	1.5	0.0	1249	660.0	540.0	4.0	0.0
1250	660.0	570.0	1.5	0.0	1250	660.0	570.0	4.0	0.0
1251	660.0	600.0	1.5	0.0	1251	660.0	600.0	4.0	0.0
1252	660.0	630.0	1.5	0.0	1252	660.0	630.0	4.0	0.0
1253	660.0	660.0	1.5	0.0	1253	660.0	660.0	4.0	0.0
1254	660.0	690.0	1.5	0.0	1254	660.0	690.0	4.0	0.0
1255	660.0	720.0	1.5	0.0	1255	660.0	720.0	4.0	0.0
1256	660.0	750.0	1.5	0.0	1256	660.0	750.0	4.0	0.0
1257	660.0	780.0	1.5	0.0	1257	660.0	780.0	4.0	0.0
1258	660.0	810.0	1.5	0.0	1258	660.0	810.0	4.0	0.0
1259	660.0	840.0	1.5	0.0	1259	660.0	840.0	4.0	0.0
1260	660.0	870.0	1.5	0.0	1260	660.0	870.0	4.0	0.0
1261	660.0	900.0	1.5	0.0	1261	660.0	900.0	4.0	0.0
1262	660.0	930.0	1.5	0.0	1262	660.0	930.0	4.0	0.0
1263	660.0	960.0	1.5	0.0	1263	660.0	960.0	4.0	0.0
1264	660.0	990.0	1.5	0.0	1264	660.0	990.0	4.0	0.0
1265	660.0	1020.0	1.5	10.7	1265	660.0	1020.0	4.0	10.0
1266	660.0	1050.0	1.5	11.2	1266	660.0	1050.0	4.0	10.4
1267	660.0	1080.0	1.5	11.6	1267	660.0	1080.0	4.0	10.9
1268	660.0	1110.0	1.5	12.1	1268	660.0	1110.0	4.0	11.3
1269	660.0	1140.0	1.5	12.4	1269	660.0	1140.0	4.0	11.6
1270	660.0	1170.0	1.5	12.7	1270	660.0	1170.0	4.0	11.8
1271	660.0	1200.0	1.5	12.9	1271	660.0	1200.0	4.0	12.0
1272	660.0	1230.0	1.5	14.3	1272	660.0	1230.0	4.0	13.5
1273	660.0	1260.0	1.5	14.3	1273	660.0	1260.0	4.0	13.5
1274	660.0	1290.0	1.5	14.2	1274	660.0	1290.0	4.0	13.4
1275	660.0	1320.0	1.5	14.2	1275	660.0	1320.0	4.0	13.4
1276	660.0	1350.0	1.5	13.9	1276	660.0	1350.0	4.0	13.2
1277	660.0	1380.0	1.5	11.7	1277	660.0	1380.0	4.0	10.9
1278	660.0	1410.0	1.5	11.2	1278	660.0	1410.0	4.0	10.5
1279	660.0	1440.0	1.5	10.7	1279	660.0	1440.0	4.0	10.0

1280	660.0	1470.0	1.5	0.0	1280	660.0	1470.0	4.0	0.0
1281	660.0	1500.0	1.5	0.0	1281	660.0	1500.0	4.0	0.0
1282	660.0	1530.0	1.5	0.0	1282	660.0	1530.0	4.0	0.0
1283	660.0	1560.0	1.5	0.0	1283	660.0	1560.0	4.0	0.0
1284	660.0	1590.0	1.5	0.0	1284	660.0	1590.0	4.0	0.0
1285	660.0	1620.0	1.5	0.0	1285	660.0	1620.0	4.0	0.0
1286	660.0	1650.0	1.5	0.0	1286	660.0	1650.0	4.0	0.0
1287	690.0	0.0	1.5	0.0	1287	690.0	0.0	4.0	0.0
1288	690.0	30.0	1.5	0.0	1288	690.0	30.0	4.0	0.0
1289	690.0	60.0	1.5	0.0	1289	690.0	60.0	4.0	0.0
1290	690.0	90.0	1.5	0.0	1290	690.0	90.0	4.0	0.0
1291	690.0	120.0	1.5	0.0	1291	690.0	120.0	4.0	0.0
1292	690.0	150.0	1.5	0.0	1292	690.0	150.0	4.0	0.0
1293	690.0	180.0	1.5	0.0	1293	690.0	180.0	4.0	0.0
1294	690.0	210.0	1.5	0.0	1294	690.0	210.0	4.0	0.0
1295	690.0	240.0	1.5	0.0	1295	690.0	240.0	4.0	0.0
1296	690.0	270.0	1.5	0.0	1296	690.0	270.0	4.0	0.0
1297	690.0	300.0	1.5	0.0	1297	690.0	300.0	4.0	0.0
1298	690.0	330.0	1.5	0.0	1298	690.0	330.0	4.0	0.0
1299	690.0	360.0	1.5	0.0	1299	690.0	360.0	4.0	0.0
1300	690.0	390.0	1.5	0.0	1300	690.0	390.0	4.0	0.0
1301	690.0	420.0	1.5	0.0	1301	690.0	420.0	4.0	0.0
1302	690.0	450.0	1.5	0.0	1302	690.0	450.0	4.0	0.0
1303	690.0	480.0	1.5	0.0	1303	690.0	480.0	4.0	0.0
1304	690.0	510.0	1.5	0.0	1304	690.0	510.0	4.0	0.0
1305	690.0	540.0	1.5	0.0	1305	690.0	540.0	4.0	0.0
1306	690.0	570.0	1.5	0.0	1306	690.0	570.0	4.0	0.0
1307	690.0	600.0	1.5	0.0	1307	690.0	600.0	4.0	0.0
1308	690.0	630.0	1.5	0.0	1308	690.0	630.0	4.0	0.0
1309	690.0	660.0	1.5	0.0	1309	690.0	660.0	4.0	0.0
1310	690.0	690.0	1.5	0.0	1310	690.0	690.0	4.0	0.0
1311	690.0	720.0	1.5	0.0	1311	690.0	720.0	4.0	0.0
1312	690.0	750.0	1.5	0.0	1312	690.0	750.0	4.0	0.0
1313	690.0	780.0	1.5	0.0	1313	690.0	780.0	4.0	0.0
1314	690.0	810.0	1.5	0.0	1314	690.0	810.0	4.0	0.0
1315	690.0	840.0	1.5	0.0	1315	690.0	840.0	4.0	0.0
1316	690.0	870.0	1.5	0.0	1316	690.0	870.0	4.0	0.0
1317	690.0	900.0	1.5	0.0	1317	690.0	900.0	4.0	0.0
1318	690.0	930.0	1.5	0.0	1318	690.0	930.0	4.0	0.0
1319	690.0	960.0	1.5	0.0	1319	690.0	960.0	4.0	0.0
1320	690.0	990.0	1.5	10.7	1320	690.0	990.0	4.0	10.0
1321	690.0	1020.0	1.5	11.3	1321	690.0	1020.0	4.0	10.5
1322	690.0	1050.0	1.5	11.9	1322	690.0	1050.0	4.0	11.1
1323	690.0	1080.0	1.5	12.4	1323	690.0	1080.0	4.0	11.6
1324	690.0	1110.0	1.5	15.6	1324	690.0	1110.0	4.0	14.8
1325	690.0	1140.0	1.5	16.9	1325	690.0	1140.0	4.0	16.0
1326	690.0	1170.0	1.5	17.1	1326	690.0	1170.0	4.0	16.3
1327	690.0	1200.0	1.5	17.3	1327	690.0	1200.0	4.0	16.4
1328	690.0	1230.0	1.5	16.2	1328	690.0	1230.0	4.0	15.2
1329	690.0	1260.0	1.5	17.0	1329	690.0	1260.0	4.0	16.1
1330	690.0	1290.0	1.5	16.9	1330	690.0	1290.0	4.0	16.0
1331	690.0	1320.0	1.5	15.2	1331	690.0	1320.0	4.0	14.2
1332	690.0	1350.0	1.5	16.6	1332	690.0	1350.0	4.0	15.8
1333	690.0	1380.0	1.5	12.5	1333	690.0	1380.0	4.0	11.6
1334	690.0	1410.0	1.5	11.9	1334	690.0	1410.0	4.0	11.1
1335	690.0	1440.0	1.5	12.9	1335	690.0	1440.0	4.0	12.2
1336	690.0	1470.0	1.5	10.7	1336	690.0	1470.0	4.0	10.0
1337	690.0	1500.0	1.5	0.0	1337	690.0	1500.0	4.0	0.0

1338	690.0	1530.0	1.5	0.0	1338	690.0	1530.0	4.0	0.0
1339	690.0	1560.0	1.5	0.0	1339	690.0	1560.0	4.0	0.0
1340	690.0	1590.0	1.5	0.0	1340	690.0	1590.0	4.0	0.0
1341	690.0	1620.0	1.5	0.0	1341	690.0	1620.0	4.0	0.0
1342	690.0	1650.0	1.5	0.0	1342	690.0	1650.0	4.0	0.0
1343	720.0	0.0	1.5	0.0	1343	720.0	0.0	4.0	0.0
1344	720.0	30.0	1.5	0.0	1344	720.0	30.0	4.0	0.0
1345	720.0	60.0	1.5	0.0	1345	720.0	60.0	4.0	0.0
1346	720.0	90.0	1.5	0.0	1346	720.0	90.0	4.0	0.0
1347	720.0	120.0	1.5	0.0	1347	720.0	120.0	4.0	0.0
1348	720.0	150.0	1.5	0.0	1348	720.0	150.0	4.0	0.0
1349	720.0	180.0	1.5	0.0	1349	720.0	180.0	4.0	0.0
1350	720.0	210.0	1.5	0.0	1350	720.0	210.0	4.0	0.0
1351	720.0	240.0	1.5	0.0	1351	720.0	240.0	4.0	0.0
1352	720.0	270.0	1.5	0.0	1352	720.0	270.0	4.0	0.0
1353	720.0	300.0	1.5	0.0	1353	720.0	300.0	4.0	0.0
1354	720.0	330.0	1.5	0.0	1354	720.0	330.0	4.0	0.0
1355	720.0	360.0	1.5	0.0	1355	720.0	360.0	4.0	0.0
1356	720.0	390.0	1.5	0.0	1356	720.0	390.0	4.0	0.0
1357	720.0	420.0	1.5	0.0	1357	720.0	420.0	4.0	0.0
1358	720.0	450.0	1.5	0.0	1358	720.0	450.0	4.0	0.0
1359	720.0	480.0	1.5	0.0	1359	720.0	480.0	4.0	0.0
1360	720.0	510.0	1.5	0.0	1360	720.0	510.0	4.0	0.0
1361	720.0	540.0	1.5	0.0	1361	720.0	540.0	4.0	0.0
1362	720.0	570.0	1.5	0.0	1362	720.0	570.0	4.0	0.0
1363	720.0	600.0	1.5	0.0	1363	720.0	600.0	4.0	0.0
1364	720.0	630.0	1.5	0.0	1364	720.0	630.0	4.0	0.0
1365	720.0	660.0	1.5	0.0	1365	720.0	660.0	4.0	0.0
1366	720.0	690.0	1.5	0.0	1366	720.0	690.0	4.0	0.0
1367	720.0	720.0	1.5	0.0	1367	720.0	720.0	4.0	0.0
1368	720.0	750.0	1.5	0.0	1368	720.0	750.0	4.0	0.0
1369	720.0	780.0	1.5	0.0	1369	720.0	780.0	4.0	0.0
1370	720.0	810.0	1.5	0.0	1370	720.0	810.0	4.0	0.0
1371	720.0	840.0	1.5	0.0	1371	720.0	840.0	4.0	0.0
1372	720.0	870.0	1.5	0.0	1372	720.0	870.0	4.0	0.0
1373	720.0	900.0	1.5	0.0	1373	720.0	900.0	4.0	0.0
1374	720.0	930.0	1.5	0.0	1374	720.0	930.0	4.0	0.0
1375	720.0	960.0	1.5	11.9	1375	720.0	960.0	4.0	11.3
1376	720.0	990.0	1.5	11.2	1376	720.0	990.0	4.0	10.5
1377	720.0	1020.0	1.5	14.2	1377	720.0	1020.0	4.0	13.5
1378	720.0	1050.0	1.5	15.5	1378	720.0	1050.0	4.0	14.7
1379	720.0	1080.0	1.5	15.9	1379	720.0	1080.0	4.0	15.2
1380	720.0	1110.0	1.5	17.3	1380	720.0	1110.0	4.0	16.5
1381	720.0	1140.0	1.5	18.1	1381	720.0	1140.0	4.0	17.3
1382	720.0	1170.0	1.5	18.1	1382	720.0	1170.0	4.0	17.1
1383	720.0	1200.0	1.5	18.3	1383	720.0	1200.0	4.0	17.3
1384	720.0	1230.0	1.5	17.9	1384	720.0	1230.0	4.0	16.8
1385	720.0	1260.0	1.5	18.8	1385	720.0	1260.0	4.0	17.8
1386	720.0	1290.0	1.5	18.6	1386	720.0	1290.0	4.0	17.7
1387	720.0	1320.0	1.5	16.2	1387	720.0	1320.0	4.0	15.1
1388	720.0	1350.0	1.5	17.5	1388	720.0	1350.0	4.0	16.6
1389	720.0	1380.0	1.5	15.1	1389	720.0	1380.0	4.0	14.2
1390	720.0	1410.0	1.5	12.6	1390	720.0	1410.0	4.0	11.7
1391	720.0	1440.0	1.5	11.9	1391	720.0	1440.0	4.0	11.1
1392	720.0	1470.0	1.5	11.3	1392	720.0	1470.0	4.0	10.5
1393	720.0	1500.0	1.5	10.6	1393	720.0	1500.0	4.0	9.9
1394	720.0	1530.0	1.5	0.0	1394	720.0	1530.0	4.0	0.0
1395	720.0	1560.0	1.5	0.0	1395	720.0	1560.0	4.0	0.0

1396	720.0	1590.0	1.5	0.0	1396	720.0	1590.0	4.0	0.0
1397	720.0	1620.0	1.5	0.0	1397	720.0	1620.0	4.0	0.0
1398	720.0	1650.0	1.5	0.0	1398	720.0	1650.0	4.0	0.0
1399	750.0	0.0	1.5	0.0	1399	750.0	0.0	4.0	0.0
1400	750.0	30.0	1.5	0.0	1400	750.0	30.0	4.0	0.0
1401	750.0	60.0	1.5	0.0	1401	750.0	60.0	4.0	0.0
1402	750.0	90.0	1.5	0.0	1402	750.0	90.0	4.0	0.0
1403	750.0	120.0	1.5	0.0	1403	750.0	120.0	4.0	0.0
1404	750.0	150.0	1.5	0.0	1404	750.0	150.0	4.0	0.0
1405	750.0	180.0	1.5	0.0	1405	750.0	180.0	4.0	0.0
1406	750.0	210.0	1.5	0.0	1406	750.0	210.0	4.0	0.0
1407	750.0	240.0	1.5	0.0	1407	750.0	240.0	4.0	0.0
1408	750.0	270.0	1.5	0.0	1408	750.0	270.0	4.0	0.0
1409	750.0	300.0	1.5	0.0	1409	750.0	300.0	4.0	0.0
1410	750.0	330.0	1.5	0.0	1410	750.0	330.0	4.0	0.0
1411	750.0	360.0	1.5	0.0	1411	750.0	360.0	4.0	0.0
1412	750.0	390.0	1.5	0.0	1412	750.0	390.0	4.0	0.0
1413	750.0	420.0	1.5	0.0	1413	750.0	420.0	4.0	0.0
1414	750.0	450.0	1.5	0.0	1414	750.0	450.0	4.0	0.0
1415	750.0	480.0	1.5	0.0	1415	750.0	480.0	4.0	0.0
1416	750.0	510.0	1.5	0.0	1416	750.0	510.0	4.0	0.0
1417	750.0	540.0	1.5	0.0	1417	750.0	540.0	4.0	0.0
1418	750.0	570.0	1.5	0.0	1418	750.0	570.0	4.0	0.0
1419	750.0	600.0	1.5	0.0	1419	750.0	600.0	4.0	0.0
1420	750.0	630.0	1.5	0.0	1420	750.0	630.0	4.0	0.0
1421	750.0	660.0	1.5	0.0	1421	750.0	660.0	4.0	0.0
1422	750.0	690.0	1.5	0.0	1422	750.0	690.0	4.0	0.0
1423	750.0	720.0	1.5	0.0	1423	750.0	720.0	4.0	0.0
1424	750.0	750.0	1.5	0.0	1424	750.0	750.0	4.0	0.0
1425	750.0	780.0	1.5	0.0	1425	750.0	780.0	4.0	0.0
1426	750.0	810.0	1.5	0.0	1426	750.0	810.0	4.0	0.0
1427	750.0	840.0	1.5	0.0	1427	750.0	840.0	4.0	0.0
1428	750.0	870.0	1.5	0.0	1428	750.0	870.0	4.0	0.0
1429	750.0	900.0	1.5	0.0	1429	750.0	900.0	4.0	0.0
1430	750.0	930.0	1.5	0.0	1430	750.0	930.0	4.0	0.0
1431	750.0	960.0	1.5	14.4	1431	750.0	960.0	4.0	13.8
1432	750.0	990.0	1.5	15.0	1432	750.0	990.0	4.0	14.3
1433	750.0	1020.0	1.5	14.9	1433	750.0	1020.0	4.0	14.1
1434	750.0	1050.0	1.5	15.5	1434	750.0	1050.0	4.0	14.6
1435	750.0	1080.0	1.5	17.6	1435	750.0	1080.0	4.0	16.7
1436	750.0	1110.0	1.5	18.2	1436	750.0	1110.0	4.0	17.2
1437	750.0	1140.0	1.5	18.7	1437	750.0	1140.0	4.0	17.7
1438	750.0	1170.0	1.5	20.0	1438	750.0	1170.0	4.0	18.8
1439	750.0	1200.0	1.5	20.3	1439	750.0	1200.0	4.0	19.1
1440	750.0	1230.0	1.5	19.6	1440	750.0	1230.0	4.0	18.3
1441	750.0	1260.0	1.5	20.3	1441	750.0	1260.0	4.0	19.1
1442	750.0	1290.0	1.5	19.7	1442	750.0	1290.0	4.0	18.6
1443	750.0	1320.0	1.5	18.7	1443	750.0	1320.0	4.0	17.6
1444	750.0	1350.0	1.5	19.5	1444	750.0	1350.0	4.0	18.5
1445	750.0	1380.0	1.5	15.9	1445	750.0	1380.0	4.0	14.9
1446	750.0	1410.0	1.5	16.6	1446	750.0	1410.0	4.0	15.7
1447	750.0	1440.0	1.5	12.5	1447	750.0	1440.0	4.0	11.7
1448	750.0	1470.0	1.5	13.6	1448	750.0	1470.0	4.0	12.9
1449	750.0	1500.0	1.5	11.1	1449	750.0	1500.0	4.0	10.3
1450	750.0	1530.0	1.5	10.4	1450	750.0	1530.0	4.0	9.7
1451	750.0	1560.0	1.5	0.0	1451	750.0	1560.0	4.0	0.0
1452	750.0	1590.0	1.5	0.0	1452	750.0	1590.0	4.0	0.0
1453	750.0	1620.0	1.5	0.0	1453	750.0	1620.0	4.0	0.0

1454	750.0	1650.0	1.5	0.0	1454	750.0	1650.0	4.0	0.0
1455	780.0	0.0	1.5	0.0	1455	780.0	0.0	4.0	0.0
1456	780.0	30.0	1.5	0.0	1456	780.0	30.0	4.0	0.0
1457	780.0	60.0	1.5	0.0	1457	780.0	60.0	4.0	0.0
1458	780.0	90.0	1.5	0.0	1458	780.0	90.0	4.0	0.0
1459	780.0	120.0	1.5	0.0	1459	780.0	120.0	4.0	0.0
1460	780.0	150.0	1.5	0.0	1460	780.0	150.0	4.0	0.0
1461	780.0	180.0	1.5	0.0	1461	780.0	180.0	4.0	0.0
1462	780.0	210.0	1.5	0.0	1462	780.0	210.0	4.0	0.0
1463	780.0	240.0	1.5	0.0	1463	780.0	240.0	4.0	0.0
1464	780.0	270.0	1.5	0.0	1464	780.0	270.0	4.0	0.0
1465	780.0	300.0	1.5	0.0	1465	780.0	300.0	4.0	0.0
1466	780.0	330.0	1.5	0.0	1466	780.0	330.0	4.0	0.0
1467	780.0	360.0	1.5	0.0	1467	780.0	360.0	4.0	0.0
1468	780.0	390.0	1.5	0.0	1468	780.0	390.0	4.0	0.0
1469	780.0	420.0	1.5	0.0	1469	780.0	420.0	4.0	0.0
1470	780.0	450.0	1.5	0.0	1470	780.0	450.0	4.0	0.0
1471	780.0	480.0	1.5	0.0	1471	780.0	480.0	4.0	0.0
1472	780.0	510.0	1.5	0.0	1472	780.0	510.0	4.0	0.0
1473	780.0	540.0	1.5	0.0	1473	780.0	540.0	4.0	0.0
1474	780.0	570.0	1.5	0.0	1474	780.0	570.0	4.0	0.0
1475	780.0	600.0	1.5	0.0	1475	780.0	600.0	4.0	0.0
1476	780.0	630.0	1.5	0.0	1476	780.0	630.0	4.0	0.0
1477	780.0	660.0	1.5	0.0	1477	780.0	660.0	4.0	0.0
1478	780.0	690.0	1.5	0.0	1478	780.0	690.0	4.0	0.0
1479	780.0	720.0	1.5	0.0	1479	780.0	720.0	4.0	0.0
1480	780.0	750.0	1.5	0.0	1480	780.0	750.0	4.0	0.0
1481	780.0	780.0	1.5	0.0	1481	780.0	780.0	4.0	0.0
1482	780.0	810.0	1.5	0.0	1482	780.0	810.0	4.0	0.0
1483	780.0	840.0	1.5	0.0	1483	780.0	840.0	4.0	0.0
1484	780.0	870.0	1.5	0.0	1484	780.0	870.0	4.0	0.0
1485	780.0	900.0	1.5	0.0	1485	780.0	900.0	4.0	0.0
1486	780.0	930.0	1.5	14.3	1486	780.0	930.0	4.0	13.7
1487	780.0	960.0	1.5	14.9	1487	780.0	960.0	4.0	14.2
1488	780.0	990.0	1.5	15.5	1488	780.0	990.0	4.0	14.8
1489	780.0	1020.0	1.5	16.2	1489	780.0	1020.0	4.0	15.4
1490	780.0	1050.0	1.5	17.7	1490	780.0	1050.0	4.0	16.8
1491	780.0	1080.0	1.5	17.9	1491	780.0	1080.0	4.0	16.9
1492	780.0	1110.0	1.5	19.6	1492	780.0	1110.0	4.0	18.5
1493	780.0	1140.0	1.5	20.7	1493	780.0	1140.0	4.0	19.4
1494	780.0	1170.0	1.5	21.2	1494	780.0	1170.0	4.0	20.0
1495	780.0	1200.0	1.5	21.6	1495	780.0	1200.0	4.0	20.5
1496	780.0	1230.0	1.5	21.4	1496	780.0	1230.0	4.0	20.3
1497	780.0	1260.0	1.5	21.2	1497	780.0	1260.0	4.0	20.1
1498	780.0	1290.0	1.5	21.2	1498	780.0	1290.0	4.0	20.1
1499	780.0	1320.0	1.5	21.1	1499	780.0	1320.0	4.0	19.9
1500	780.0	1350.0	1.5	20.4	1500	780.0	1350.0	4.0	19.3
1501	780.0	1380.0	1.5	17.7	1501	780.0	1380.0	4.0	16.6
1502	780.0	1410.0	1.5	17.3	1502	780.0	1410.0	4.0	16.4
1503	780.0	1440.0	1.5	15.0	1503	780.0	1440.0	4.0	14.1
1504	780.0	1470.0	1.5	14.5	1504	780.0	1470.0	4.0	13.7
1505	780.0	1500.0	1.5	11.5	1505	780.0	1500.0	4.0	10.7
1506	780.0	1530.0	1.5	10.7	1506	780.0	1530.0	4.0	10.0
1507	780.0	1560.0	1.5	0.0	1507	780.0	1560.0	4.0	0.0
1508	780.0	1590.0	1.5	0.0	1508	780.0	1590.0	4.0	0.0
1509	780.0	1620.0	1.5	0.0	1509	780.0	1620.0	4.0	0.0
1510	780.0	1650.0	1.5	0.0	1510	780.0	1650.0	4.0	0.0
1511	810.0	0.0	1.5	0.0	1511	810.0	0.0	4.0	0.0

1512	810.0	30.0	1.5	0.0	1512	810.0	30.0	4.0	0.0
1513	810.0	60.0	1.5	0.0	1513	810.0	60.0	4.0	0.0
1514	810.0	90.0	1.5	0.0	1514	810.0	90.0	4.0	0.0
1515	810.0	120.0	1.5	0.0	1515	810.0	120.0	4.0	0.0
1516	810.0	150.0	1.5	0.0	1516	810.0	150.0	4.0	0.0
1517	810.0	180.0	1.5	0.0	1517	810.0	180.0	4.0	0.0
1518	810.0	210.0	1.5	0.0	1518	810.0	210.0	4.0	0.0
1519	810.0	240.0	1.5	0.0	1519	810.0	240.0	4.0	0.0
1520	810.0	270.0	1.5	0.0	1520	810.0	270.0	4.0	0.0
1521	810.0	300.0	1.5	0.0	1521	810.0	300.0	4.0	0.0
1522	810.0	330.0	1.5	0.0	1522	810.0	330.0	4.0	0.0
1523	810.0	360.0	1.5	0.0	1523	810.0	360.0	4.0	0.0
1524	810.0	390.0	1.5	0.0	1524	810.0	390.0	4.0	0.0
1525	810.0	420.0	1.5	0.0	1525	810.0	420.0	4.0	0.0
1526	810.0	450.0	1.5	0.0	1526	810.0	450.0	4.0	0.0
1527	810.0	480.0	1.5	0.0	1527	810.0	480.0	4.0	0.0
1528	810.0	510.0	1.5	0.0	1528	810.0	510.0	4.0	0.0
1529	810.0	540.0	1.5	0.0	1529	810.0	540.0	4.0	0.0
1530	810.0	570.0	1.5	0.0	1530	810.0	570.0	4.0	0.0
1531	810.0	600.0	1.5	0.0	1531	810.0	600.0	4.0	0.0
1532	810.0	630.0	1.5	0.0	1532	810.0	630.0	4.0	0.0
1533	810.0	660.0	1.5	0.0	1533	810.0	660.0	4.0	0.0
1534	810.0	690.0	1.5	0.0	1534	810.0	690.0	4.0	0.0
1535	810.0	720.0	1.5	0.0	1535	810.0	720.0	4.0	0.0
1536	810.0	750.0	1.5	0.0	1536	810.0	750.0	4.0	0.0
1537	810.0	780.0	1.5	0.0	1537	810.0	780.0	4.0	0.0
1538	810.0	810.0	1.5	0.0	1538	810.0	810.0	4.0	0.0
1539	810.0	840.0	1.5	0.0	1539	810.0	840.0	4.0	0.0
1540	810.0	870.0	1.5	0.0	1540	810.0	870.0	4.0	0.0
1541	810.0	900.0	1.5	11.9	1541	810.0	900.0	4.0	11.3
1542	810.0	930.0	1.5	14.7	1542	810.0	930.0	4.0	14.0
1543	810.0	960.0	1.5	15.4	1543	810.0	960.0	4.0	14.6
1544	810.0	990.0	1.5	16.1	1544	810.0	990.0	4.0	15.3
1545	810.0	1020.0	1.5	16.8	1545	810.0	1020.0	4.0	15.9
1546	810.0	1050.0	1.5	18.4	1546	810.0	1050.0	4.0	17.4
1547	810.0	1080.0	1.5	19.7	1547	810.0	1080.0	4.0	18.6
1548	810.0	1110.0	1.5	21.3	1548	810.0	1110.0	4.0	20.0
1549	810.0	1140.0	1.5	22.1	1549	810.0	1140.0	4.0	20.9
1550	810.0	1170.0	1.5	22.8	1550	810.0	1170.0	4.0	21.8
1551	810.0	1200.0	1.5	23.6	1551	810.0	1200.0	4.0	22.8
1552	810.0	1230.0	1.5	23.4	1552	810.0	1230.0	4.0	22.7
1553	810.0	1260.0	1.5	22.8	1553	810.0	1260.0	4.0	22.1
1554	810.0	1290.0	1.5	22.8	1554	810.0	1290.0	4.0	21.9
1555	810.0	1320.0	1.5	22.4	1555	810.0	1320.0	4.0	21.3
1556	810.0	1350.0	1.5	20.9	1556	810.0	1350.0	4.0	19.8
1557	810.0	1380.0	1.5	18.5	1557	810.0	1380.0	4.0	17.3
1558	810.0	1410.0	1.5	19.9	1558	810.0	1410.0	4.0	18.9
1559	810.0	1440.0	1.5	15.5	1559	810.0	1440.0	4.0	14.5
1560	810.0	1470.0	1.5	15.6	1560	810.0	1470.0	4.0	14.8
1561	810.0	1500.0	1.5	11.8	1561	810.0	1500.0	4.0	11.0
1562	810.0	1530.0	1.5	11.0	1562	810.0	1530.0	4.0	10.3
1563	810.0	1560.0	1.5	0.0	1563	810.0	1560.0	4.0	0.0
1564	810.0	1590.0	1.5	0.0	1564	810.0	1590.0	4.0	0.0
1565	810.0	1620.0	1.5	0.0	1565	810.0	1620.0	4.0	0.0
1566	810.0	1650.0	1.5	0.0	1566	810.0	1650.0	4.0	0.0
1567	840.0	0.0	1.5	0.0	1567	840.0	0.0	4.0	0.0
1568	840.0	30.0	1.5	0.0	1568	840.0	30.0	4.0	0.0
1569	840.0	60.0	1.5	0.0	1569	840.0	60.0	4.0	0.0

1570	840.0	90.0	1.5	0.0	1570	840.0	90.0	4.0	0.0
1571	840.0	120.0	1.5	0.0	1571	840.0	120.0	4.0	0.0
1572	840.0	150.0	1.5	0.0	1572	840.0	150.0	4.0	0.0
1573	840.0	180.0	1.5	0.0	1573	840.0	180.0	4.0	0.0
1574	840.0	210.0	1.5	0.0	1574	840.0	210.0	4.0	0.0
1575	840.0	240.0	1.5	0.0	1575	840.0	240.0	4.0	0.0
1576	840.0	270.0	1.5	0.0	1576	840.0	270.0	4.0	0.0
1577	840.0	300.0	1.5	0.0	1577	840.0	300.0	4.0	0.0
1578	840.0	330.0	1.5	0.0	1578	840.0	330.0	4.0	0.0
1579	840.0	360.0	1.5	0.0	1579	840.0	360.0	4.0	0.0
1580	840.0	390.0	1.5	0.0	1580	840.0	390.0	4.0	0.0
1581	840.0	420.0	1.5	0.0	1581	840.0	420.0	4.0	0.0
1582	840.0	450.0	1.5	0.0	1582	840.0	450.0	4.0	0.0
1583	840.0	480.0	1.5	0.0	1583	840.0	480.0	4.0	0.0
1584	840.0	510.0	1.5	0.0	1584	840.0	510.0	4.0	0.0
1585	840.0	540.0	1.5	0.0	1585	840.0	540.0	4.0	0.0
1586	840.0	570.0	1.5	0.0	1586	840.0	570.0	4.0	0.0
1587	840.0	600.0	1.5	0.0	1587	840.0	600.0	4.0	0.0
1588	840.0	630.0	1.5	0.0	1588	840.0	630.0	4.0	0.0
1589	840.0	660.0	1.5	0.0	1589	840.0	660.0	4.0	0.0
1590	840.0	690.0	1.5	0.0	1590	840.0	690.0	4.0	0.0
1591	840.0	720.0	1.5	0.0	1591	840.0	720.0	4.0	0.0
1592	840.0	750.0	1.5	0.0	1592	840.0	750.0	4.0	0.0
1593	840.0	780.0	1.5	0.0	1593	840.0	780.0	4.0	0.0
1594	840.0	810.0	1.5	0.0	1594	840.0	810.0	4.0	0.0
1595	840.0	840.0	1.5	0.0	1595	840.0	840.0	4.0	0.0
1596	840.0	870.0	1.5	0.0	1596	840.0	870.0	4.0	0.0
1597	840.0	900.0	1.5	14.5	1597	840.0	900.0	4.0	13.8
1598	840.0	930.0	1.5	15.1	1598	840.0	930.0	4.0	14.4
1599	840.0	960.0	1.5	15.8	1599	840.0	960.0	4.0	15.0
1600	840.0	990.0	1.5	16.5	1600	840.0	990.0	4.0	15.7
1601	840.0	1020.0	1.5	18.4	1601	840.0	1020.0	4.0	17.4
1602	840.0	1050.0	1.5	19.7	1602	840.0	1050.0	4.0	18.6
1603	840.0	1080.0	1.5	21.2	1603	840.0	1080.0	4.0	19.9
1604	840.0	1110.0	1.5	22.2	1604	840.0	1110.0	4.0	21.0
1605	840.0	1140.0	1.5	23.3	1605	840.0	1140.0	4.0	22.3
1606	840.0	1170.0	1.5	24.3	1606	840.0	1170.0	4.0	23.8
1607	840.0	1200.0	1.5	25.3	1607	840.0	1200.0	4.0	25.1
1608	840.0	1230.0	1.5	25.8	1608	840.0	1230.0	4.0	25.7
1609	840.0	1260.0	1.5	25.0	1609	840.0	1260.0	4.0	24.8
1610	840.0	1290.0	1.5	24.4	1610	840.0	1290.0	4.0	23.8
1611	840.0	1320.0	1.5	23.6	1611	840.0	1320.0	4.0	22.8
1612	840.0	1350.0	1.5	22.3	1612	840.0	1350.0	4.0	21.2
1613	840.0	1380.0	1.5	19.1	1613	840.0	1380.0	4.0	17.9
1614	840.0	1410.0	1.5	18.9	1614	840.0	1410.0	4.0	17.8
1615	840.0	1440.0	1.5	17.0	1615	840.0	1440.0	4.0	16.1
1616	840.0	1470.0	1.5	14.9	1616	840.0	1470.0	4.0	14.0
1617	840.0	1500.0	1.5	12.1	1617	840.0	1500.0	4.0	11.3
1618	840.0	1530.0	1.5	11.2	1618	840.0	1530.0	4.0	10.5
1619	840.0	1560.0	1.5	0.7	1619	840.0	1560.0	4.0	2.0
1620	840.0	1590.0	1.5	0.0	1620	840.0	1590.0	4.0	0.0
1621	840.0	1620.0	1.5	0.0	1621	840.0	1620.0	4.0	0.0
1622	840.0	1650.0	1.5	0.0	1622	840.0	1650.0	4.0	0.0
1623	870.0	0.0	1.5	0.0	1623	870.0	0.0	4.0	0.0
1624	870.0	30.0	1.5	0.0	1624	870.0	30.0	4.0	0.0
1625	870.0	60.0	1.5	0.0	1625	870.0	60.0	4.0	0.0
1626	870.0	90.0	1.5	0.0	1626	870.0	90.0	4.0	0.0
1627	870.0	120.0	1.5	0.0	1627	870.0	120.0	4.0	0.0

1628	870.0	150.0	1.5	0.0	1628	870.0	150.0	4.0	0.0
1629	870.0	180.0	1.5	0.0	1629	870.0	180.0	4.0	0.0
1630	870.0	210.0	1.5	0.0	1630	870.0	210.0	4.0	0.0
1631	870.0	240.0	1.5	0.0	1631	870.0	240.0	4.0	0.0
1632	870.0	270.0	1.5	0.0	1632	870.0	270.0	4.0	0.0
1633	870.0	300.0	1.5	0.0	1633	870.0	300.0	4.0	0.0
1634	870.0	330.0	1.5	0.0	1634	870.0	330.0	4.0	0.0
1635	870.0	360.0	1.5	0.0	1635	870.0	360.0	4.0	0.0
1636	870.0	390.0	1.5	0.0	1636	870.0	390.0	4.0	0.0
1637	870.0	420.0	1.5	0.0	1637	870.0	420.0	4.0	0.0
1638	870.0	450.0	1.5	0.0	1638	870.0	450.0	4.0	0.0
1639	870.0	480.0	1.5	0.0	1639	870.0	480.0	4.0	0.0
1640	870.0	510.0	1.5	0.0	1640	870.0	510.0	4.0	0.0
1641	870.0	540.0	1.5	0.0	1641	870.0	540.0	4.0	0.0
1642	870.0	570.0	1.5	0.0	1642	870.0	570.0	4.0	0.0
1643	870.0	600.0	1.5	0.0	1643	870.0	600.0	4.0	0.0
1644	870.0	630.0	1.5	0.0	1644	870.0	630.0	4.0	0.0
1645	870.0	660.0	1.5	0.0	1645	870.0	660.0	4.0	0.0
1646	870.0	690.0	1.5	0.0	1646	870.0	690.0	4.0	0.0
1647	870.0	720.0	1.5	0.0	1647	870.0	720.0	4.0	0.0
1648	870.0	750.0	1.5	0.0	1648	870.0	750.0	4.0	0.0
1649	870.0	780.0	1.5	0.0	1649	870.0	780.0	4.0	0.0
1650	870.0	810.0	1.5	0.0	1650	870.0	810.0	4.0	0.0
1651	870.0	840.0	1.5	0.0	1651	870.0	840.0	4.0	0.0
1652	870.0	870.0	1.5	12.1	1652	870.0	870.0	4.0	11.5
1653	870.0	900.0	1.5	14.8	1653	870.0	900.0	4.0	14.1
1654	870.0	930.0	1.5	15.5	1654	870.0	930.0	4.0	14.8
1655	870.0	960.0	1.5	16.3	1655	870.0	960.0	4.0	15.5
1656	870.0	990.0	1.5	16.4	1656	870.0	990.0	4.0	15.5
1657	870.0	1020.0	1.5	18.8	1657	870.0	1020.0	4.0	17.9
1658	870.0	1050.0	1.5	21.0	1658	870.0	1050.0	4.0	19.8
1659	870.0	1080.0	1.5	22.3	1659	870.0	1080.0	4.0	21.1
1660	870.0	1110.0	1.5	23.5	1660	870.0	1110.0	4.0	22.4
1661	870.0	1140.0	1.5	24.9	1661	870.0	1140.0	4.0	24.2
1662	870.0	1170.0	1.5	26.4	1662	870.0	1170.0	4.0	26.2
1663	870.0	1200.0	1.5	28.9	1663	870.0	1200.0	4.0	28.8
1664	870.0	1230.0	1.5	30.6	1664	870.0	1230.0	4.0	30.5
1665	870.0	1260.0	1.5	28.6	1665	870.0	1260.0	4.0	28.5
1666	870.0	1290.0	1.5	25.7	1666	870.0	1290.0	4.0	25.5
1667	870.0	1320.0	1.5	24.7	1667	870.0	1320.0	4.0	24.0
1668	870.0	1350.0	1.5	23.4	1668	870.0	1350.0	4.0	22.3
1669	870.0	1380.0	1.5	21.0	1669	870.0	1380.0	4.0	19.8
1670	870.0	1410.0	1.5	18.5	1670	870.0	1410.0	4.0	17.4
1671	870.0	1440.0	1.5	16.4	1671	870.0	1440.0	4.0	15.4
1672	870.0	1470.0	1.5	15.2	1672	870.0	1470.0	4.0	14.2
1673	870.0	1500.0	1.5	12.1	1673	870.0	1500.0	4.0	11.6
1674	870.0	1530.0	1.5	0.0	1674	870.0	1530.0	4.0	0.2
1675	870.0	1560.0	1.5	0.0	1675	870.0	1560.0	4.0	0.6
1676	870.0	1590.0	1.5	0.0	1676	870.0	1590.0	4.0	0.0
1677	870.0	1620.0	1.5	0.0	1677	870.0	1620.0	4.0	0.0
1678	870.0	1650.0	1.5	0.0	1678	870.0	1650.0	4.0	0.0
1679	900.0	0.0	1.5	0.0	1679	900.0	0.0	4.0	0.0
1680	900.0	30.0	1.5	0.0	1680	900.0	30.0	4.0	0.0
1681	900.0	60.0	1.5	0.0	1681	900.0	60.0	4.0	0.0
1682	900.0	90.0	1.5	0.0	1682	900.0	90.0	4.0	0.0
1683	900.0	120.0	1.5	0.0	1683	900.0	120.0	4.0	0.0
1684	900.0	150.0	1.5	0.0	1684	900.0	150.0	4.0	0.0
1685	900.0	180.0	1.5	0.0	1685	900.0	180.0	4.0	0.0

1686	900.0	210.0	1.5	0.0	1686	900.0	210.0	4.0	0.0
1687	900.0	240.0	1.5	0.0	1687	900.0	240.0	4.0	0.0
1688	900.0	270.0	1.5	0.0	1688	900.0	270.0	4.0	0.0
1689	900.0	300.0	1.5	0.0	1689	900.0	300.0	4.0	0.0
1690	900.0	330.0	1.5	0.0	1690	900.0	330.0	4.0	0.0
1691	900.0	360.0	1.5	0.0	1691	900.0	360.0	4.0	0.0
1692	900.0	390.0	1.5	0.0	1692	900.0	390.0	4.0	0.0
1693	900.0	420.0	1.5	0.0	1693	900.0	420.0	4.0	0.0
1694	900.0	450.0	1.5	0.0	1694	900.0	450.0	4.0	0.0
1695	900.0	480.0	1.5	0.0	1695	900.0	480.0	4.0	0.0
1696	900.0	510.0	1.5	0.0	1696	900.0	510.0	4.0	0.0
1697	900.0	540.0	1.5	0.0	1697	900.0	540.0	4.0	0.0
1698	900.0	570.0	1.5	0.0	1698	900.0	570.0	4.0	0.0
1699	900.0	600.0	1.5	0.0	1699	900.0	600.0	4.0	0.0
1700	900.0	630.0	1.5	0.0	1700	900.0	630.0	4.0	0.0
1701	900.0	660.0	1.5	0.0	1701	900.0	660.0	4.0	0.0
1702	900.0	690.0	1.5	0.0	1702	900.0	690.0	4.0	0.0
1703	900.0	720.0	1.5	0.0	1703	900.0	720.0	4.0	0.0
1704	900.0	750.0	1.5	0.0	1704	900.0	750.0	4.0	0.0
1705	900.0	780.0	1.5	0.0	1705	900.0	780.0	4.0	0.0
1706	900.0	810.0	1.5	0.0	1706	900.0	810.0	4.0	0.0
1707	900.0	840.0	1.5	0.0	1707	900.0	840.0	4.0	0.0
1708	900.0	870.0	1.5	12.4	1708	900.0	870.0	4.0	11.8
1709	900.0	900.0	1.5	15.0	1709	900.0	900.0	4.0	14.3
1710	900.0	930.0	1.5	16.3	1710	900.0	930.0	4.0	15.6
1711	900.0	960.0	1.5	16.6	1711	900.0	960.0	4.0	15.8
1712	900.0	990.0	1.5	17.5	1712	900.0	990.0	4.0	16.6
1713	900.0	1020.0	1.5	19.9	1713	900.0	1020.0	4.0	18.7
1714	900.0	1050.0	1.5	21.4	1714	900.0	1050.0	4.0	20.1
1715	900.0	1080.0	1.5	23.0	1715	900.0	1080.0	4.0	21.8
1716	900.0	1110.0	1.5	24.4	1716	900.0	1110.0	4.0	23.5
1717	900.0	1140.0	1.5	26.0	1717	900.0	1140.0	4.0	25.5
1718	900.0	1170.0	1.5	29.1	1718	900.0	1170.0	4.0	28.9
1719	900.0	1200.0	1.5	33.1	1719	900.0	1200.0	4.0	33.0
1720	900.0	1230.0	1.5	40.6	1720	900.0	1230.0	4.0	40.3
1721	900.0	1260.0	1.5	34.1	1721	900.0	1260.0	4.0	34.0
1722	900.0	1290.0	1.5	27.6	1722	900.0	1290.0	4.0	27.5
1723	900.0	1320.0	1.5	25.6	1723	900.0	1320.0	4.0	24.9
1724	900.0	1350.0	1.5	22.1	1724	900.0	1350.0	4.0	21.2
1725	900.0	1380.0	1.5	19.2	1725	900.0	1380.0	4.0	17.9
1726	900.0	1410.0	1.5	0.2	1726	900.0	1410.0	4.0	0.3
1727	900.0	1440.0	1.5	5.3	1727	900.0	1440.0	4.0	7.4
1728	900.0	1470.0	1.5	0.0	1728	900.0	1470.0	4.0	0.0
1729	900.0	1500.0	1.5	0.0	1729	900.0	1500.0	4.0	0.0
1730	900.0	1530.0	1.5	0.0	1730	900.0	1530.0	4.0	0.0
1731	900.0	1560.0	1.5	0.0	1731	900.0	1560.0	4.0	0.0
1732	900.0	1590.0	1.5	0.0	1732	900.0	1590.0	4.0	0.0
1733	900.0	1620.0	1.5	0.0	1733	900.0	1620.0	4.0	0.0
1734	900.0	1650.0	1.5	0.0	1734	900.0	1650.0	4.0	0.0
1735	930.0	0.0	1.5	0.0	1735	930.0	0.0	4.0	0.0
1736	930.0	30.0	1.5	0.0	1736	930.0	30.0	4.0	0.0
1737	930.0	60.0	1.5	0.0	1737	930.0	60.0	4.0	0.0
1738	930.0	90.0	1.5	0.0	1738	930.0	90.0	4.0	0.0
1739	930.0	120.0	1.5	0.0	1739	930.0	120.0	4.0	0.0
1740	930.0	150.0	1.5	0.0	1740	930.0	150.0	4.0	0.0
1741	930.0	180.0	1.5	0.0	1741	930.0	180.0	4.0	0.0
1742	930.0	210.0	1.5	0.0	1742	930.0	210.0	4.0	0.0
1743	930.0	240.0	1.5	0.0	1743	930.0	240.0	4.0	0.0

1744	930.0	270.0	1.5	0.0	1744	930.0	270.0	4.0	0.0
1745	930.0	300.0	1.5	0.0	1745	930.0	300.0	4.0	0.0
1746	930.0	330.0	1.5	0.0	1746	930.0	330.0	4.0	0.0
1747	930.0	360.0	1.5	0.0	1747	930.0	360.0	4.0	0.0
1748	930.0	390.0	1.5	0.0	1748	930.0	390.0	4.0	0.0
1749	930.0	420.0	1.5	0.0	1749	930.0	420.0	4.0	0.0
1750	930.0	450.0	1.5	0.0	1750	930.0	450.0	4.0	0.0
1751	930.0	480.0	1.5	0.0	1751	930.0	480.0	4.0	0.0
1752	930.0	510.0	1.5	0.0	1752	930.0	510.0	4.0	0.0
1753	930.0	540.0	1.5	0.0	1753	930.0	540.0	4.0	0.0
1754	930.0	570.0	1.5	0.0	1754	930.0	570.0	4.0	0.0
1755	930.0	600.0	1.5	0.0	1755	930.0	600.0	4.0	0.0
1756	930.0	630.0	1.5	0.0	1756	930.0	630.0	4.0	0.0
1757	930.0	660.0	1.5	0.0	1757	930.0	660.0	4.0	0.0
1758	930.0	690.0	1.5	0.0	1758	930.0	690.0	4.0	0.0
1759	930.0	720.0	1.5	0.0	1759	930.0	720.0	4.0	0.0
1760	930.0	750.0	1.5	0.0	1760	930.0	750.0	4.0	0.0
1761	930.0	780.0	1.5	0.0	1761	930.0	780.0	4.0	0.0
1762	930.0	810.0	1.5	0.0	1762	930.0	810.0	4.0	0.0
1763	930.0	840.0	1.5	12.0	1763	930.0	840.0	4.0	11.4
1764	930.0	870.0	1.5	12.7	1764	930.0	870.0	4.0	12.0
1765	930.0	900.0	1.5	15.2	1765	930.0	900.0	4.0	14.5
1766	930.0	930.0	1.5	16.0	1766	930.0	930.0	4.0	15.3
1767	930.0	960.0	1.5	16.9	1767	930.0	960.0	4.0	16.0
1768	930.0	990.0	1.5	18.9	1768	930.0	990.0	4.0	17.8
1769	930.0	1020.0	1.5	20.6	1769	930.0	1020.0	4.0	19.4
1770	930.0	1050.0	1.5	22.2	1770	930.0	1050.0	4.0	21.1
1771	930.0	1080.0	1.5	23.6	1771	930.0	1080.0	4.0	22.6
1772	930.0	1110.0	1.5	25.2	1772	930.0	1110.0	4.0	24.6
1773	930.0	1140.0	1.5	27.2	1773	930.0	1140.0	4.0	26.9
1774	930.0	1170.0	1.5	29.8	1774	930.0	1170.0	4.0	29.6
1775	930.0	1200.0	1.5	32.5	1775	930.0	1200.0	4.0	32.4
1776	930.0	1230.0	1.5	34.9	1776	930.0	1230.0	4.0	34.8
1777	930.0	1260.0	1.5	33.1	1777	930.0	1260.0	4.0	33.0
1778	930.0	1290.0	1.5	27.7	1778	930.0	1290.0	4.0	27.5
1779	930.0	1320.0	1.5	25.7	1779	930.0	1320.0	4.0	25.0
1780	930.0	1350.0	1.5	22.8	1780	930.0	1350.0	4.0	21.8
1781	930.0	1380.0	1.5	6.9	1781	930.0	1380.0	4.0	7.0
1782	930.0	1410.0	1.5	0.0	1782	930.0	1410.0	4.0	0.2
1783	930.0	1440.0	1.5	0.0	1783	930.0	1440.0	4.0	0.0
1784	930.0	1470.0	1.5	0.0	1784	930.0	1470.0	4.0	0.0
1785	930.0	1500.0	1.5	0.0	1785	930.0	1500.0	4.0	0.0
1786	930.0	1530.0	1.5	0.0	1786	930.0	1530.0	4.0	0.1
1787	930.0	1560.0	1.5	1.5	1787	930.0	1560.0	4.0	1.9
1788	930.0	1590.0	1.5	0.0	1788	930.0	1590.0	4.0	0.0
1789	930.0	1620.0	1.5	0.0	1789	930.0	1620.0	4.0	0.0
1790	930.0	1650.0	1.5	0.0	1790	930.0	1650.0	4.0	0.0
1791	960.0	0.0	1.5	0.0	1791	960.0	0.0	4.0	0.0
1792	960.0	30.0	1.5	0.0	1792	960.0	30.0	4.0	0.0
1793	960.0	60.0	1.5	0.0	1793	960.0	60.0	4.0	0.0
1794	960.0	90.0	1.5	0.0	1794	960.0	90.0	4.0	0.0
1795	960.0	120.0	1.5	0.0	1795	960.0	120.0	4.0	0.0
1796	960.0	150.0	1.5	0.0	1796	960.0	150.0	4.0	0.0
1797	960.0	180.0	1.5	0.0	1797	960.0	180.0	4.0	0.0
1798	960.0	210.0	1.5	0.0	1798	960.0	210.0	4.0	0.0
1799	960.0	240.0	1.5	0.0	1799	960.0	240.0	4.0	0.0
1800	960.0	270.0	1.5	0.0	1800	960.0	270.0	4.0	0.0
1801	960.0	300.0	1.5	0.0	1801	960.0	300.0	4.0	0.0

1802	960.0	330.0	1.5	0.0	1802	960.0	330.0	4.0	0.0
1803	960.0	360.0	1.5	0.0	1803	960.0	360.0	4.0	0.0
1804	960.0	390.0	1.5	0.0	1804	960.0	390.0	4.0	0.0
1805	960.0	420.0	1.5	0.0	1805	960.0	420.0	4.0	0.0
1806	960.0	450.0	1.5	0.0	1806	960.0	450.0	4.0	0.0
1807	960.0	480.0	1.5	0.0	1807	960.0	480.0	4.0	0.0
1808	960.0	510.0	1.5	0.0	1808	960.0	510.0	4.0	0.0
1809	960.0	540.0	1.5	0.0	1809	960.0	540.0	4.0	0.0
1810	960.0	570.0	1.5	0.0	1810	960.0	570.0	4.0	0.0
1811	960.0	600.0	1.5	0.0	1811	960.0	600.0	4.0	0.0
1812	960.0	630.0	1.5	0.0	1812	960.0	630.0	4.0	0.0
1813	960.0	660.0	1.5	0.0	1813	960.0	660.0	4.0	0.0
1814	960.0	690.0	1.5	0.0	1814	960.0	690.0	4.0	0.0
1815	960.0	720.0	1.5	0.0	1815	960.0	720.0	4.0	0.0
1816	960.0	750.0	1.5	0.0	1816	960.0	750.0	4.0	0.0
1817	960.0	780.0	1.5	0.0	1817	960.0	780.0	4.0	0.0
1818	960.0	810.0	1.5	0.0	1818	960.0	810.0	4.0	0.0
1819	960.0	840.0	1.5	12.2	1819	960.0	840.0	4.0	11.6
1820	960.0	870.0	1.5	12.9	1820	960.0	870.0	4.0	12.2
1821	960.0	900.0	1.5	15.4	1821	960.0	900.0	4.0	14.7
1822	960.0	930.0	1.5	16.2	1822	960.0	930.0	4.0	15.4
1823	960.0	960.0	1.5	17.1	1823	960.0	960.0	4.0	16.2
1824	960.0	990.0	1.5	18.8	1824	960.0	990.0	4.0	17.7
1825	960.0	1020.0	1.5	20.9	1825	960.0	1020.0	4.0	19.7
1826	960.0	1050.0	1.5	22.5	1826	960.0	1050.0	4.0	21.5
1827	960.0	1080.0	1.5	24.5	1827	960.0	1080.0	4.0	23.8
1828	960.0	1110.0	1.5	26.6	1828	960.0	1110.0	4.0	26.2
1829	960.0	1140.0	1.5	29.7	1829	960.0	1140.0	4.0	29.6
1830	960.0	1170.0	1.5	32.4	1830	960.0	1170.0	4.0	32.3
1831	960.0	1200.0	1.5	33.2	1831	960.0	1200.0	4.0	32.9
1832	960.0	1230.0	1.5	29.6	1832	960.0	1230.0	4.0	29.4
1833	960.0	1260.0	1.5	28.1	1833	960.0	1260.0	4.0	27.9
1834	960.0	1290.0	1.5	26.2	1834	960.0	1290.0	4.0	25.8
1835	960.0	1320.0	1.5	23.6	1835	960.0	1320.0	4.0	22.9
1836	960.0	1350.0	1.5	13.1	1836	960.0	1350.0	4.0	12.4
1837	960.0	1380.0	1.5	18.4	1837	960.0	1380.0	4.0	17.3
1838	960.0	1410.0	1.5	0.0	1838	960.0	1410.0	4.0	0.0
1839	960.0	1440.0	1.5	0.0	1839	960.0	1440.0	4.0	1.6
1840	960.0	1470.0	1.5	7.7	1840	960.0	1470.0	4.0	8.1
1841	960.0	1500.0	1.5	2.9	1841	960.0	1500.0	4.0	3.4
1842	960.0	1530.0	1.5	0.0	1842	960.0	1530.0	4.0	0.0
1843	960.0	1560.0	1.5	0.0	1843	960.0	1560.0	4.0	0.0
1844	960.0	1590.0	1.5	0.0	1844	960.0	1590.0	4.0	0.0
1845	960.0	1620.0	1.5	0.0	1845	960.0	1620.0	4.0	0.0
1846	960.0	1650.0	1.5	0.0	1846	960.0	1650.0	4.0	0.0
1847	990.0	0.0	1.5	0.0	1847	990.0	0.0	4.0	0.0
1848	990.0	30.0	1.5	0.0	1848	990.0	30.0	4.0	0.0
1849	990.0	60.0	1.5	0.0	1849	990.0	60.0	4.0	0.0
1850	990.0	90.0	1.5	0.0	1850	990.0	90.0	4.0	0.0
1851	990.0	120.0	1.5	0.0	1851	990.0	120.0	4.0	0.0
1852	990.0	150.0	1.5	0.0	1852	990.0	150.0	4.0	0.0
1853	990.0	180.0	1.5	0.0	1853	990.0	180.0	4.0	0.0
1854	990.0	210.0	1.5	0.0	1854	990.0	210.0	4.0	0.0
1855	990.0	240.0	1.5	0.0	1855	990.0	240.0	4.0	0.0
1856	990.0	270.0	1.5	0.0	1856	990.0	270.0	4.0	0.0
1857	990.0	300.0	1.5	0.0	1857	990.0	300.0	4.0	0.0
1858	990.0	330.0	1.5	0.0	1858	990.0	330.0	4.0	0.0
1859	990.0	360.0	1.5	0.0	1859	990.0	360.0	4.0	0.0

1860	990.0	390.0	1.5	0.0	1860	990.0	390.0	4.0	0.0
1861	990.0	420.0	1.5	0.0	1861	990.0	420.0	4.0	0.0
1862	990.0	450.0	1.5	0.0	1862	990.0	450.0	4.0	0.0
1863	990.0	480.0	1.5	0.0	1863	990.0	480.0	4.0	0.0
1864	990.0	510.0	1.5	0.0	1864	990.0	510.0	4.0	0.0
1865	990.0	540.0	1.5	0.0	1865	990.0	540.0	4.0	0.0
1866	990.0	570.0	1.5	0.0	1866	990.0	570.0	4.0	0.0
1867	990.0	600.0	1.5	0.0	1867	990.0	600.0	4.0	0.0
1868	990.0	630.0	1.5	0.0	1868	990.0	630.0	4.0	0.0
1869	990.0	660.0	1.5	0.0	1869	990.0	660.0	4.0	0.0
1870	990.0	690.0	1.5	0.0	1870	990.0	690.0	4.0	0.0
1871	990.0	720.0	1.5	0.0	1871	990.0	720.0	4.0	0.0
1872	990.0	750.0	1.5	0.0	1872	990.0	750.0	4.0	0.0
1873	990.0	780.0	1.5	0.0	1873	990.0	780.0	4.0	0.0
1874	990.0	810.0	1.5	0.0	1874	990.0	810.0	4.0	0.0
1875	990.0	840.0	1.5	13.8	1875	990.0	840.0	4.0	13.2
1876	990.0	870.0	1.5	13.1	1876	990.0	870.0	4.0	12.4
1877	990.0	900.0	1.5	13.9	1877	990.0	900.0	4.0	13.1
1878	990.0	930.0	1.5	17.3	1878	990.0	930.0	4.0	16.6
1879	990.0	960.0	1.5	18.2	1879	990.0	960.0	4.0	17.3
1880	990.0	990.0	1.5	19.7	1880	990.0	990.0	4.0	18.7
1881	990.0	1020.0	1.5	21.6	1881	990.0	1020.0	4.0	20.5
1882	990.0	1050.0	1.5	23.2	1882	990.0	1050.0	4.0	22.3
1883	990.0	1080.0	1.5	25.3	1883	990.0	1080.0	4.0	24.8
1884	990.0	1110.0	1.5	30.0	1884	990.0	1110.0	4.0	29.8
1885	990.0	1140.0	1.5	32.2	1885	990.0	1140.0	4.0	32.0
1886	990.0	1170.0	1.5	31.5	1886	990.0	1170.0	4.0	31.4
1887	990.0	1200.0	1.5	29.2	1887	990.0	1200.0	4.0	29.1
1888	990.0	1230.0	1.5	27.9	1888	990.0	1230.0	4.0	27.5
1889	990.0	1260.0	1.5	27.5	1889	990.0	1260.0	4.0	26.8
1890	990.0	1290.0	1.5	27.0	1890	990.0	1290.0	4.0	26.0
1891	990.0	1320.0	1.5	22.5	1891	990.0	1320.0	4.0	21.5
1892	990.0	1350.0	1.5	22.4	1892	990.0	1350.0	4.0	21.2
1893	990.0	1380.0	1.5	17.9	1893	990.0	1380.0	4.0	17.0
1894	990.0	1410.0	1.5	5.4	1894	990.0	1410.0	4.0	6.5
1895	990.0	1440.0	1.5	1.1	1895	990.0	1440.0	4.0	4.7
1896	990.0	1470.0	1.5	4.5	1896	990.0	1470.0	4.0	5.3
1897	990.0	1500.0	1.5	0.0	1897	990.0	1500.0	4.0	0.3
1898	990.0	1530.0	1.5	1.0	1898	990.0	1530.0	4.0	1.6
1899	990.0	1560.0	1.5	0.3	1899	990.0	1560.0	4.0	0.9
1900	990.0	1590.0	1.5	0.0	1900	990.0	1590.0	4.0	0.0
1901	990.0	1620.0	1.5	0.0	1901	990.0	1620.0	4.0	0.0
1902	990.0	1650.0	1.5	0.0	1902	990.0	1650.0	4.0	0.0
1903	1020.0	0.0	1.5	0.0	1903	1020.0	0.0	4.0	0.0
1904	1020.0	30.0	1.5	0.0	1904	1020.0	30.0	4.0	0.0
1905	1020.0	60.0	1.5	0.0	1905	1020.0	60.0	4.0	0.0
1906	1020.0	90.0	1.5	0.0	1906	1020.0	90.0	4.0	0.0
1907	1020.0	120.0	1.5	0.0	1907	1020.0	120.0	4.0	0.0
1908	1020.0	150.0	1.5	0.0	1908	1020.0	150.0	4.0	0.0
1909	1020.0	180.0	1.5	0.0	1909	1020.0	180.0	4.0	0.0
1910	1020.0	210.0	1.5	0.0	1910	1020.0	210.0	4.0	0.0
1911	1020.0	240.0	1.5	0.0	1911	1020.0	240.0	4.0	0.0
1912	1020.0	270.0	1.5	0.0	1912	1020.0	270.0	4.0	0.0
1913	1020.0	300.0	1.5	0.0	1913	1020.0	300.0	4.0	0.0
1914	1020.0	330.0	1.5	0.0	1914	1020.0	330.0	4.0	0.0
1915	1020.0	360.0	1.5	0.0	1915	1020.0	360.0	4.0	0.0
1916	1020.0	390.0	1.5	0.0	1916	1020.0	390.0	4.0	0.0
1917	1020.0	420.0	1.5	0.0	1917	1020.0	420.0	4.0	0.0

1918	1020.0	450.0	1.5	0.0	1918	1020.0	450.0	4.0	0.0
1919	1020.0	480.0	1.5	0.0	1919	1020.0	480.0	4.0	0.0
1920	1020.0	510.0	1.5	0.0	1920	1020.0	510.0	4.0	0.0
1921	1020.0	540.0	1.5	0.0	1921	1020.0	540.0	4.0	0.0
1922	1020.0	570.0	1.5	0.0	1922	1020.0	570.0	4.0	0.0
1923	1020.0	600.0	1.5	0.0	1923	1020.0	600.0	4.0	0.0
1924	1020.0	630.0	1.5	0.0	1924	1020.0	630.0	4.0	0.0
1925	1020.0	660.0	1.5	0.0	1925	1020.0	660.0	4.0	0.0
1926	1020.0	690.0	1.5	0.0	1926	1020.0	690.0	4.0	0.0
1927	1020.0	720.0	1.5	0.0	1927	1020.0	720.0	4.0	0.0
1928	1020.0	750.0	1.5	0.0	1928	1020.0	750.0	4.0	0.0
1929	1020.0	780.0	1.5	0.0	1929	1020.0	780.0	4.0	0.0
1930	1020.0	810.0	1.5	0.0	1930	1020.0	810.0	4.0	0.0
1931	1020.0	840.0	1.5	12.4	1931	1020.0	840.0	4.0	11.8
1932	1020.0	870.0	1.5	14.2	1932	1020.0	870.0	4.0	13.6
1933	1020.0	900.0	1.5	14.0	1933	1020.0	900.0	4.0	13.2
1934	1020.0	930.0	1.5	16.9	1934	1020.0	930.0	4.0	16.1
1935	1020.0	960.0	1.5	17.8	1935	1020.0	960.0	4.0	16.9
1936	1020.0	990.0	1.5	19.4	1936	1020.0	990.0	4.0	18.3
1937	1020.0	1020.0	1.5	21.0	1937	1020.0	1020.0	4.0	19.9
1938	1020.0	1050.0	1.5	23.1	1938	1020.0	1050.0	4.0	22.3
1939	1020.0	1080.0	1.5	25.3	1939	1020.0	1080.0	4.0	24.8
1940	1020.0	1110.0	1.5	29.0	1940	1020.0	1110.0	4.0	28.8
1941	1020.0	1140.0	1.5	35.5	1941	1020.0	1140.0	4.0	35.3
1942	1020.0	1170.0	1.5	38.6	1942	1020.0	1170.0	4.0	38.3
1943	1020.0	1200.0	1.5	29.2	1943	1020.0	1200.0	4.0	28.9
1944	1020.0	1230.0	1.5	27.4	1944	1020.0	1230.0	4.0	26.8
1945	1020.0	1260.0	1.5	26.1	1945	1020.0	1260.0	4.0	25.2
1946	1020.0	1320.0	1.5	17.8	1946	1020.0	1320.0	4.0	16.7
1947	1020.0	1350.0	1.5	18.4	1947	1020.0	1350.0	4.0	17.3
1948	1020.0	1380.0	1.5	19.7	1948	1020.0	1380.0	4.0	18.6
1949	1020.0	1410.0	1.5	5.7	1949	1020.0	1410.0	4.0	6.2
1950	1020.0	1440.0	1.5	7.1	1950	1020.0	1440.0	4.0	7.7
1951	1020.0	1470.0	1.5	6.4	1951	1020.0	1470.0	4.0	6.9
1952	1020.0	1500.0	1.5	1.1	1952	1020.0	1500.0	4.0	1.9
1953	1020.0	1530.0	1.5	0.8	1953	1020.0	1530.0	4.0	1.4
1954	1020.0	1560.0	1.5	0.0	1954	1020.0	1560.0	4.0	0.0
1955	1020.0	1590.0	1.5	0.0	1955	1020.0	1590.0	4.0	0.0
1956	1020.0	1620.0	1.5	0.0	1956	1020.0	1620.0	4.0	0.0
1957	1020.0	1650.0	1.5	0.0	1957	1020.0	1650.0	4.0	0.0
1958	1050.0	0.0	1.5	0.0	1958	1050.0	0.0	4.0	0.0
1959	1050.0	30.0	1.5	0.0	1959	1050.0	30.0	4.0	0.0
1960	1050.0	60.0	1.5	0.0	1960	1050.0	60.0	4.0	0.0
1961	1050.0	90.0	1.5	0.0	1961	1050.0	90.0	4.0	0.0
1962	1050.0	120.0	1.5	0.0	1962	1050.0	120.0	4.0	0.0
1963	1050.0	150.0	1.5	0.0	1963	1050.0	150.0	4.0	0.0
1964	1050.0	180.0	1.5	0.0	1964	1050.0	180.0	4.0	0.0
1965	1050.0	210.0	1.5	0.0	1965	1050.0	210.0	4.0	0.0
1966	1050.0	240.0	1.5	0.0	1966	1050.0	240.0	4.0	0.0
1967	1050.0	270.0	1.5	0.0	1967	1050.0	270.0	4.0	0.0
1968	1050.0	300.0	1.5	0.0	1968	1050.0	300.0	4.0	0.0
1969	1050.0	330.0	1.5	0.0	1969	1050.0	330.0	4.0	0.0
1970	1050.0	360.0	1.5	0.0	1970	1050.0	360.0	4.0	0.0
1971	1050.0	390.0	1.5	0.0	1971	1050.0	390.0	4.0	0.0
1972	1050.0	420.0	1.5	0.0	1972	1050.0	420.0	4.0	0.0
1973	1050.0	450.0	1.5	0.0	1973	1050.0	450.0	4.0	0.0
1974	1050.0	480.0	1.5	0.0	1974	1050.0	480.0	4.0	0.0
1975	1050.0	510.0	1.5	0.0	1975	1050.0	510.0	4.0	0.0

1976	1050.0	540.0	1.5	0.0	1976	1050.0	540.0	4.0	0.0
1977	1050.0	570.0	1.5	0.0	1977	1050.0	570.0	4.0	0.0
1978	1050.0	600.0	1.5	0.0	1978	1050.0	600.0	4.0	0.0
1979	1050.0	630.0	1.5	0.0	1979	1050.0	630.0	4.0	0.0
1980	1050.0	660.0	1.5	0.0	1980	1050.0	660.0	4.0	0.0
1981	1050.0	690.0	1.5	0.0	1981	1050.0	690.0	4.0	0.0
1982	1050.0	720.0	1.5	0.0	1982	1050.0	720.0	4.0	0.0
1983	1050.0	750.0	1.5	0.0	1983	1050.0	750.0	4.0	0.0
1984	1050.0	780.0	1.5	0.0	1984	1050.0	780.0	4.0	0.0
1985	1050.0	810.0	1.5	0.0	1985	1050.0	810.0	4.0	0.0
1986	1050.0	840.0	1.5	10.8	1986	1050.0	840.0	4.0	10.1
1987	1050.0	870.0	1.5	13.9	1987	1050.0	870.0	4.0	13.2
1988	1050.0	900.0	1.5	15.4	1988	1050.0	900.0	4.0	14.7
1989	1050.0	930.0	1.5	16.0	1989	1050.0	930.0	4.0	15.2
1990	1050.0	960.0	1.5	17.7	1990	1050.0	960.0	4.0	16.8
1991	1050.0	990.0	1.5	19.3	1991	1050.0	990.0	4.0	18.2
1992	1050.0	1020.0	1.5	20.8	1992	1050.0	1020.0	4.0	19.7
1993	1050.0	1050.0	1.5	22.8	1993	1050.0	1050.0	4.0	21.9
1994	1050.0	1080.0	1.5	24.4	1994	1050.0	1080.0	4.0	23.9
1995	1050.0	1110.0	1.5	27.2	1995	1050.0	1110.0	4.0	26.9
1996	1050.0	1140.0	1.5	30.8	1996	1050.0	1140.0	4.0	30.6
1997	1050.0	1170.0	1.5	31.3	1997	1050.0	1170.0	4.0	31.1
1998	1050.0	1200.0	1.5	27.6	1998	1050.0	1200.0	4.0	27.3
1999	1050.0	1230.0	1.5	25.7	1999	1050.0	1230.0	4.0	25.1
2000	1050.0	1350.0	1.5	9.6	2000	1050.0	1350.0	4.0	9.4
2001	1050.0	1380.0	1.5	20.1	2001	1050.0	1380.0	4.0	19.1
2002	1050.0	1410.0	1.5	15.7	2002	1050.0	1410.0	4.0	14.9
2003	1050.0	1440.0	1.5	13.4	2003	1050.0	1440.0	4.0	12.9
2004	1050.0	1470.0	1.5	3.7	2004	1050.0	1470.0	4.0	5.5
2005	1050.0	1500.0	1.5	1.6	2005	1050.0	1500.0	4.0	2.0
2006	1050.0	1530.0	1.5	2.5	2006	1050.0	1530.0	4.0	2.5
2007	1050.0	1560.0	1.5	0.0	2007	1050.0	1560.0	4.0	0.0
2008	1050.0	1590.0	1.5	0.0	2008	1050.0	1590.0	4.0	0.0
2009	1050.0	1620.0	1.5	0.0	2009	1050.0	1620.0	4.0	0.0
2010	1050.0	1650.0	1.5	0.0	2010	1050.0	1650.0	4.0	0.0
2011	1080.0	0.0	1.5	0.0	2011	1080.0	0.0	4.0	0.0
2012	1080.0	30.0	1.5	0.0	2012	1080.0	30.0	4.0	0.0
2013	1080.0	60.0	1.5	0.0	2013	1080.0	60.0	4.0	0.0
2014	1080.0	90.0	1.5	0.0	2014	1080.0	90.0	4.0	0.0
2015	1080.0	120.0	1.5	0.0	2015	1080.0	120.0	4.0	0.0
2016	1080.0	150.0	1.5	0.0	2016	1080.0	150.0	4.0	0.0
2017	1080.0	180.0	1.5	0.0	2017	1080.0	180.0	4.0	0.0
2018	1080.0	210.0	1.5	0.0	2018	1080.0	210.0	4.0	0.0
2019	1080.0	240.0	1.5	0.0	2019	1080.0	240.0	4.0	0.0
2020	1080.0	270.0	1.5	0.0	2020	1080.0	270.0	4.0	0.0
2021	1080.0	300.0	1.5	0.0	2021	1080.0	300.0	4.0	0.0
2022	1080.0	330.0	1.5	0.0	2022	1080.0	330.0	4.0	0.0
2023	1080.0	360.0	1.5	0.0	2023	1080.0	360.0	4.0	0.0
2024	1080.0	390.0	1.5	0.0	2024	1080.0	390.0	4.0	0.0
2025	1080.0	420.0	1.5	0.0	2025	1080.0	420.0	4.0	0.0
2026	1080.0	450.0	1.5	0.0	2026	1080.0	450.0	4.0	0.0
2027	1080.0	480.0	1.5	0.0	2027	1080.0	480.0	4.0	0.0
2028	1080.0	510.0	1.5	0.0	2028	1080.0	510.0	4.0	0.0
2029	1080.0	540.0	1.5	0.0	2029	1080.0	540.0	4.0	0.0
2030	1080.0	570.0	1.5	0.0	2030	1080.0	570.0	4.0	0.0
2031	1080.0	600.0	1.5	0.0	2031	1080.0	600.0	4.0	0.0
2032	1080.0	630.0	1.5	0.0	2032	1080.0	630.0	4.0	0.0
2033	1080.0	660.0	1.5	0.0	2033	1080.0	660.0	4.0	0.0

2034	1080.0	690.0	1.5	0.0	2034	1080.0	690.0	4.0	0.0
2035	1080.0	720.0	1.5	0.0	2035	1080.0	720.0	4.0	0.0
2036	1080.0	750.0	1.5	0.0	2036	1080.0	750.0	4.0	0.0
2037	1080.0	780.0	1.5	0.0	2037	1080.0	780.0	4.0	0.0
2038	1080.0	810.0	1.5	0.0	2038	1080.0	810.0	4.0	0.0
2039	1080.0	840.0	1.5	10.7	2039	1080.0	840.0	4.0	10.0
2040	1080.0	870.0	1.5	11.6	2040	1080.0	870.0	4.0	10.8
2041	1080.0	900.0	1.5	12.4	2041	1080.0	900.0	4.0	11.6
2042	1080.0	930.0	1.5	14.1	2042	1080.0	930.0	4.0	13.3
2043	1080.0	960.0	1.5	18.7	2043	1080.0	960.0	4.0	17.8
2044	1080.0	990.0	1.5	19.1	2044	1080.0	990.0	4.0	18.1
2045	1080.0	1020.0	1.5	18.9	2045	1080.0	1020.0	4.0	17.6
2046	1080.0	1050.0	1.5	21.1	2046	1080.0	1050.0	4.0	20.0
2047	1080.0	1080.0	1.5	23.3	2047	1080.0	1080.0	4.0	22.5
2048	1080.0	1110.0	1.5	24.6	2048	1080.0	1110.0	4.0	24.2
2049	1080.0	1140.0	1.5	26.0	2049	1080.0	1140.0	4.0	25.7
2050	1080.0	1170.0	1.5	26.6	2050	1080.0	1170.0	4.0	26.2
2051	1080.0	1200.0	1.5	25.9	2051	1080.0	1200.0	4.0	25.3
2052	1080.0	1230.0	1.5	25.2	2052	1080.0	1230.0	4.0	24.4
2053	1080.0	1260.0	1.5	19.9	2053	1080.0	1260.0	4.0	18.9
2054	1080.0	1290.0	1.5	9.8	2054	1080.0	1290.0	4.0	10.1
2055	1080.0	1320.0	1.5	6.9	2055	1080.0	1320.0	4.0	8.0
2056	1080.0	1350.0	1.5	8.4	2056	1080.0	1350.0	4.0	8.6
2057	1080.0	1380.0	1.5	15.2	2057	1080.0	1380.0	4.0	14.7
2058	1080.0	1410.0	1.5	17.4	2058	1080.0	1410.0	4.0	16.5
2059	1080.0	1440.0	1.5	12.3	2059	1080.0	1440.0	4.0	11.5
2060	1080.0	1470.0	1.5	11.6	2060	1080.0	1470.0	4.0	10.8
2061	1080.0	1500.0	1.5	4.4	2061	1080.0	1500.0	4.0	4.2
2062	1080.0	1530.0	1.5	0.0	2062	1080.0	1530.0	4.0	0.0
2063	1080.0	1560.0	1.5	0.0	2063	1080.0	1560.0	4.0	0.0
2064	1080.0	1590.0	1.5	0.0	2064	1080.0	1590.0	4.0	0.0
2065	1080.0	1620.0	1.5	0.0	2065	1080.0	1620.0	4.0	0.0
2066	1080.0	1650.0	1.5	0.0	2066	1080.0	1650.0	4.0	0.0
2067	1110.0	0.0	1.5	0.0	2067	1110.0	0.0	4.0	0.0
2068	1110.0	30.0	1.5	0.0	2068	1110.0	30.0	4.0	0.0
2069	1110.0	60.0	1.5	0.0	2069	1110.0	60.0	4.0	0.0
2070	1110.0	90.0	1.5	0.0	2070	1110.0	90.0	4.0	0.0
2071	1110.0	120.0	1.5	0.0	2071	1110.0	120.0	4.0	0.0
2072	1110.0	150.0	1.5	0.0	2072	1110.0	150.0	4.0	0.0
2073	1110.0	180.0	1.5	0.0	2073	1110.0	180.0	4.0	0.0
2074	1110.0	210.0	1.5	0.0	2074	1110.0	210.0	4.0	0.0
2075	1110.0	240.0	1.5	0.0	2075	1110.0	240.0	4.0	0.0
2076	1110.0	270.0	1.5	0.0	2076	1110.0	270.0	4.0	0.0
2077	1110.0	300.0	1.5	0.0	2077	1110.0	300.0	4.0	0.0
2078	1110.0	330.0	1.5	0.0	2078	1110.0	330.0	4.0	0.0
2079	1110.0	360.0	1.5	0.0	2079	1110.0	360.0	4.0	0.0
2080	1110.0	390.0	1.5	0.0	2080	1110.0	390.0	4.0	0.0
2081	1110.0	420.0	1.5	0.0	2081	1110.0	420.0	4.0	0.0
2082	1110.0	450.0	1.5	0.0	2082	1110.0	450.0	4.0	0.0
2083	1110.0	480.0	1.5	0.0	2083	1110.0	480.0	4.0	0.0
2084	1110.0	510.0	1.5	0.0	2084	1110.0	510.0	4.0	0.0
2085	1110.0	540.0	1.5	0.0	2085	1110.0	540.0	4.0	0.0
2086	1110.0	570.0	1.5	0.0	2086	1110.0	570.0	4.0	0.0
2087	1110.0	600.0	1.5	0.0	2087	1110.0	600.0	4.0	0.0
2088	1110.0	630.0	1.5	0.0	2088	1110.0	630.0	4.0	0.0
2089	1110.0	660.0	1.5	0.0	2089	1110.0	660.0	4.0	0.0
2090	1110.0	690.0	1.5	0.0	2090	1110.0	690.0	4.0	0.0
2091	1110.0	720.0	1.5	0.0	2091	1110.0	720.0	4.0	0.0

2092	1110.0	750.0	1.5	0.0	2092	1110.0	750.0	4.0	0.0
2093	1110.0	780.0	1.5	0.0	2093	1110.0	780.0	4.0	0.0
2094	1110.0	810.0	1.5	0.0	2094	1110.0	810.0	4.0	0.0
2095	1110.0	840.0	1.5	10.6	2095	1110.0	840.0	4.0	9.9
2096	1110.0	870.0	1.5	11.3	2096	1110.0	870.0	4.0	10.6
2097	1110.0	900.0	1.5	12.2	2097	1110.0	900.0	4.0	11.4
2098	1110.0	930.0	1.5	13.1	2098	1110.0	930.0	4.0	12.2
2099	1110.0	960.0	1.5	15.6	2099	1110.0	960.0	4.0	14.7
2100	1110.0	990.0	1.5	16.6	2100	1110.0	990.0	4.0	15.5
2101	1110.0	1020.0	1.5	17.6	2101	1110.0	1020.0	4.0	16.4
2102	1110.0	1050.0	1.5	19.3	2102	1110.0	1050.0	4.0	18.0
2103	1110.0	1080.0	1.5	23.2	2103	1110.0	1080.0	4.0	22.1
2104	1110.0	1110.0	1.5	22.6	2104	1110.0	1110.0	4.0	21.8
2105	1110.0	1140.0	1.5	23.2	2105	1110.0	1140.0	4.0	22.5
2106	1110.0	1170.0	1.5	23.7	2106	1110.0	1170.0	4.0	23.0
2107	1110.0	1200.0	1.5	25.1	2107	1110.0	1200.0	4.0	24.2
2108	1110.0	1260.0	1.5	4.4	2108	1110.0	1260.0	4.0	7.4
2109	1110.0	1290.0	1.5	16.9	2109	1110.0	1290.0	4.0	15.7
2110	1110.0	1320.0	1.5	17.3	2110	1110.0	1320.0	4.0	16.6
2111	1110.0	1350.0	1.5	8.0	2111	1110.0	1350.0	4.0	8.5
2112	1110.0	1380.0	1.5	17.5	2112	1110.0	1380.0	4.0	16.9
2113	1110.0	1410.0	1.5	5.8	2113	1110.0	1410.0	4.0	5.7
2114	1110.0	1440.0	1.5	12.2	2114	1110.0	1440.0	4.0	11.5
2115	1110.0	1470.0	1.5	11.5	2115	1110.0	1470.0	4.0	10.9
2116	1110.0	1500.0	1.5	10.4	2116	1110.0	1500.0	4.0	9.8
2117	1110.0	1530.0	1.5	0.0	2117	1110.0	1530.0	4.0	0.0
2118	1110.0	1560.0	1.5	0.0	2118	1110.0	1560.0	4.0	0.0
2119	1110.0	1590.0	1.5	0.0	2119	1110.0	1590.0	4.0	0.0
2120	1110.0	1620.0	1.5	0.0	2120	1110.0	1620.0	4.0	0.0
2121	1110.0	1650.0	1.5	0.0	2121	1110.0	1650.0	4.0	0.0
2122	1140.0	0.0	1.5	0.0	2122	1140.0	0.0	4.0	0.0
2123	1140.0	30.0	1.5	0.0	2123	1140.0	30.0	4.0	0.0
2124	1140.0	60.0	1.5	0.0	2124	1140.0	60.0	4.0	0.0
2125	1140.0	90.0	1.5	0.0	2125	1140.0	90.0	4.0	0.0
2126	1140.0	120.0	1.5	0.0	2126	1140.0	120.0	4.0	0.0
2127	1140.0	150.0	1.5	0.0	2127	1140.0	150.0	4.0	0.0
2128	1140.0	180.0	1.5	0.0	2128	1140.0	180.0	4.0	0.0
2129	1140.0	210.0	1.5	0.0	2129	1140.0	210.0	4.0	0.0
2130	1140.0	240.0	1.5	0.0	2130	1140.0	240.0	4.0	0.0
2131	1140.0	270.0	1.5	0.0	2131	1140.0	270.0	4.0	0.0
2132	1140.0	300.0	1.5	0.0	2132	1140.0	300.0	4.0	0.0
2133	1140.0	330.0	1.5	0.0	2133	1140.0	330.0	4.0	0.0
2134	1140.0	360.0	1.5	0.0	2134	1140.0	360.0	4.0	0.0
2135	1140.0	390.0	1.5	0.0	2135	1140.0	390.0	4.0	0.0
2136	1140.0	420.0	1.5	0.0	2136	1140.0	420.0	4.0	0.0
2137	1140.0	450.0	1.5	0.0	2137	1140.0	450.0	4.0	0.0
2138	1140.0	480.0	1.5	0.0	2138	1140.0	480.0	4.0	0.0
2139	1140.0	510.0	1.5	0.0	2139	1140.0	510.0	4.0	0.0
2140	1140.0	540.0	1.5	0.0	2140	1140.0	540.0	4.0	0.0
2141	1140.0	570.0	1.5	0.0	2141	1140.0	570.0	4.0	0.0
2142	1140.0	600.0	1.5	0.0	2142	1140.0	600.0	4.0	0.0
2143	1140.0	630.0	1.5	0.0	2143	1140.0	630.0	4.0	0.0
2144	1140.0	660.0	1.5	0.0	2144	1140.0	660.0	4.0	0.0
2145	1140.0	690.0	1.5	0.0	2145	1140.0	690.0	4.0	0.0
2146	1140.0	720.0	1.5	0.0	2146	1140.0	720.0	4.0	0.0
2147	1140.0	750.0	1.5	0.0	2147	1140.0	750.0	4.0	0.0
2148	1140.0	780.0	1.5	0.0	2148	1140.0	780.0	4.0	0.0
2149	1140.0	810.0	1.5	0.0	2149	1140.0	810.0	4.0	0.0

2150	1140.0	840.0	1.5	0.0	2150	1140.0	840.0	4.0	0.0
2151	1140.0	870.0	1.5	11.1	2151	1140.0	870.0	4.0	10.4
2152	1140.0	900.0	1.5	11.9	2152	1140.0	900.0	4.0	11.1
2153	1140.0	930.0	1.5	12.7	2153	1140.0	930.0	4.0	11.8
2154	1140.0	960.0	1.5	16.2	2154	1140.0	960.0	4.0	15.3
2155	1140.0	990.0	1.5	19.1	2155	1140.0	990.0	4.0	18.2
2156	1140.0	1020.0	1.5	19.6	2156	1140.0	1020.0	4.0	18.5
2157	1140.0	1050.0	1.5	20.6	2157	1140.0	1050.0	4.0	19.4
2158	1140.0	1140.0	1.5	23.4	2158	1140.0	1140.0	4.0	22.3
2159	1140.0	1170.0	1.5	23.1	2159	1140.0	1170.0	4.0	22.1
2160	1140.0	1200.0	1.5	22.1	2160	1140.0	1200.0	4.0	21.1
2161	1140.0	1230.0	1.5	16.8	2161	1140.0	1230.0	4.0	16.1
2162	1140.0	1260.0	1.5	14.6	2162	1140.0	1260.0	4.0	14.6
2163	1140.0	1290.0	1.5	19.5	2163	1140.0	1290.0	4.0	18.7
2164	1140.0	1320.0	1.5	13.7	2164	1140.0	1320.0	4.0	13.2
2165	1140.0	1350.0	1.5	17.1	2165	1140.0	1350.0	4.0	16.4
2166	1140.0	1380.0	1.5	16.3	2166	1140.0	1380.0	4.0	15.8
2167	1140.0	1410.0	1.5	16.2	2167	1140.0	1410.0	4.0	15.6
2168	1140.0	1440.0	1.5	13.6	2168	1140.0	1440.0	4.0	13.1
2169	1140.0	1470.0	1.5	13.4	2169	1140.0	1470.0	4.0	12.8
2170	1140.0	1500.0	1.5	0.0	2170	1140.0	1500.0	4.0	0.0
2171	1140.0	1530.0	1.5	0.0	2171	1140.0	1530.0	4.0	0.0
2172	1140.0	1560.0	1.5	0.0	2172	1140.0	1560.0	4.0	0.0
2173	1140.0	1590.0	1.5	0.0	2173	1140.0	1590.0	4.0	0.0
2174	1140.0	1620.0	1.5	0.0	2174	1140.0	1620.0	4.0	0.0
2175	1140.0	1650.0	1.5	0.0	2175	1140.0	1650.0	4.0	0.0
2176	1170.0	0.0	1.5	0.0	2176	1170.0	0.0	4.0	0.0
2177	1170.0	30.0	1.5	0.0	2177	1170.0	30.0	4.0	0.0
2178	1170.0	60.0	1.5	0.0	2178	1170.0	60.0	4.0	0.0
2179	1170.0	90.0	1.5	0.0	2179	1170.0	90.0	4.0	0.0
2180	1170.0	120.0	1.5	0.0	2180	1170.0	120.0	4.0	0.0
2181	1170.0	150.0	1.5	0.0	2181	1170.0	150.0	4.0	0.0
2182	1170.0	180.0	1.5	0.0	2182	1170.0	180.0	4.0	0.0
2183	1170.0	210.0	1.5	0.0	2183	1170.0	210.0	4.0	0.0
2184	1170.0	240.0	1.5	0.0	2184	1170.0	240.0	4.0	0.0
2185	1170.0	270.0	1.5	0.0	2185	1170.0	270.0	4.0	0.0
2186	1170.0	300.0	1.5	0.0	2186	1170.0	300.0	4.0	0.0
2187	1170.0	330.0	1.5	0.0	2187	1170.0	330.0	4.0	0.0
2188	1170.0	360.0	1.5	0.0	2188	1170.0	360.0	4.0	0.0
2189	1170.0	390.0	1.5	0.0	2189	1170.0	390.0	4.0	0.0
2190	1170.0	420.0	1.5	0.0	2190	1170.0	420.0	4.0	0.0
2191	1170.0	450.0	1.5	0.0	2191	1170.0	450.0	4.0	0.0
2192	1170.0	480.0	1.5	0.0	2192	1170.0	480.0	4.0	0.0
2193	1170.0	510.0	1.5	0.0	2193	1170.0	510.0	4.0	0.0
2194	1170.0	540.0	1.5	0.0	2194	1170.0	540.0	4.0	0.0
2195	1170.0	570.0	1.5	0.0	2195	1170.0	570.0	4.0	0.0
2196	1170.0	600.0	1.5	0.0	2196	1170.0	600.0	4.0	0.0
2197	1170.0	630.0	1.5	0.0	2197	1170.0	630.0	4.0	0.0
2198	1170.0	660.0	1.5	0.0	2198	1170.0	660.0	4.0	0.0
2199	1170.0	690.0	1.5	0.0	2199	1170.0	690.0	4.0	0.0
2200	1170.0	720.0	1.5	0.0	2200	1170.0	720.0	4.0	0.0
2201	1170.0	750.0	1.5	0.0	2201	1170.0	750.0	4.0	0.0
2202	1170.0	780.0	1.5	0.0	2202	1170.0	780.0	4.0	0.0
2203	1170.0	810.0	1.5	0.0	2203	1170.0	810.0	4.0	0.0
2204	1170.0	840.0	1.5	0.0	2204	1170.0	840.0	4.0	0.0
2205	1170.0	870.0	1.5	15.1	2205	1170.0	870.0	4.0	14.5
2206	1170.0	900.0	1.5	14.2	2206	1170.0	900.0	4.0	13.5
2207	1170.0	930.0	1.5	12.2	2207	1170.0	930.0	4.0	11.4

2208	1170.0	960.0	1.5	13.0	2208	1170.0	960.0	4.0	12.1
2209	1170.0	990.0	1.5	13.8	2209	1170.0	990.0	4.0	12.8
2210	1170.0	1020.0	1.5	16.1	2210	1170.0	1020.0	4.0	15.1
2211	1170.0	1050.0	1.5	4.8	2211	1170.0	1050.0	4.0	6.2
2212	1170.0	1080.0	1.5	0.0	2212	1170.0	1080.0	4.0	0.0
2213	1170.0	1110.0	1.5	13.4	2213	1170.0	1110.0	4.0	12.9
2214	1170.0	1140.0	1.5	18.3	2214	1170.0	1140.0	4.0	17.0
2215	1170.0	1170.0	1.5	18.4	2215	1170.0	1170.0	4.0	17.1
2216	1170.0	1200.0	1.5	19.7	2216	1170.0	1200.0	4.0	18.5
2217	1170.0	1230.0	1.5	18.1	2217	1170.0	1230.0	4.0	17.0
2218	1170.0	1260.0	1.5	14.1	2218	1170.0	1260.0	4.0	13.8
2219	1170.0	1290.0	1.5	13.5	2219	1170.0	1290.0	4.0	13.1
2220	1170.0	1320.0	1.5	12.6	2220	1170.0	1320.0	4.0	12.2
2221	1170.0	1350.0	1.5	12.6	2221	1170.0	1350.0	4.0	12.3
2222	1170.0	1380.0	1.5	16.1	2222	1170.0	1380.0	4.0	15.4
2223	1170.0	1410.0	1.5	15.3	2223	1170.0	1410.0	4.0	14.7
2224	1170.0	1440.0	1.5	15.7	2224	1170.0	1440.0	4.0	15.1
2225	1170.0	1470.0	1.5	0.0	2225	1170.0	1470.0	4.0	0.0
2226	1170.0	1500.0	1.5	0.0	2226	1170.0	1500.0	4.0	0.0
2227	1170.0	1530.0	1.5	0.0	2227	1170.0	1530.0	4.0	0.0
2228	1170.0	1560.0	1.5	0.0	2228	1170.0	1560.0	4.0	0.0
2229	1170.0	1590.0	1.5	0.0	2229	1170.0	1590.0	4.0	0.0
2230	1170.0	1620.0	1.5	0.0	2230	1170.0	1620.0	4.0	0.0
2231	1170.0	1650.0	1.5	0.0	2231	1170.0	1650.0	4.0	0.0
2232	1200.0	0.0	1.5	0.0	2232	1200.0	0.0	4.0	0.0
2233	1200.0	30.0	1.5	0.0	2233	1200.0	30.0	4.0	0.0
2234	1200.0	60.0	1.5	0.0	2234	1200.0	60.0	4.0	0.0
2235	1200.0	90.0	1.5	0.0	2235	1200.0	90.0	4.0	0.0
2236	1200.0	120.0	1.5	0.0	2236	1200.0	120.0	4.0	0.0
2237	1200.0	150.0	1.5	0.0	2237	1200.0	150.0	4.0	0.0
2238	1200.0	180.0	1.5	0.0	2238	1200.0	180.0	4.0	0.0
2239	1200.0	210.0	1.5	0.0	2239	1200.0	210.0	4.0	0.0
2240	1200.0	240.0	1.5	0.0	2240	1200.0	240.0	4.0	0.0
2241	1200.0	270.0	1.5	0.0	2241	1200.0	270.0	4.0	0.0
2242	1200.0	300.0	1.5	0.0	2242	1200.0	300.0	4.0	0.0
2243	1200.0	330.0	1.5	0.0	2243	1200.0	330.0	4.0	0.0
2244	1200.0	360.0	1.5	0.0	2244	1200.0	360.0	4.0	0.0
2245	1200.0	390.0	1.5	0.0	2245	1200.0	390.0	4.0	0.0
2246	1200.0	420.0	1.5	0.0	2246	1200.0	420.0	4.0	0.0
2247	1200.0	450.0	1.5	0.0	2247	1200.0	450.0	4.0	0.0
2248	1200.0	480.0	1.5	0.0	2248	1200.0	480.0	4.0	0.0
2249	1200.0	510.0	1.5	0.0	2249	1200.0	510.0	4.0	0.0
2250	1200.0	540.0	1.5	0.0	2250	1200.0	540.0	4.0	0.0
2251	1200.0	570.0	1.5	0.0	2251	1200.0	570.0	4.0	0.0
2252	1200.0	600.0	1.5	0.0	2252	1200.0	600.0	4.0	0.0
2253	1200.0	630.0	1.5	0.0	2253	1200.0	630.0	4.0	0.0
2254	1200.0	660.0	1.5	0.0	2254	1200.0	660.0	4.0	0.0
2255	1200.0	690.0	1.5	0.0	2255	1200.0	690.0	4.0	0.0
2256	1200.0	720.0	1.5	0.0	2256	1200.0	720.0	4.0	0.0
2257	1200.0	750.0	1.5	0.0	2257	1200.0	750.0	4.0	0.0
2258	1200.0	780.0	1.5	0.0	2258	1200.0	780.0	4.0	0.0
2259	1200.0	810.0	1.5	0.0	2259	1200.0	810.0	4.0	0.0
2260	1200.0	840.0	1.5	0.0	2260	1200.0	840.0	4.0	0.0
2261	1200.0	870.0	1.5	10.4	2261	1200.0	870.0	4.0	9.7
2262	1200.0	900.0	1.5	11.0	2262	1200.0	900.0	4.0	10.3
2263	1200.0	930.0	1.5	11.7	2263	1200.0	930.0	4.0	10.9
2264	1200.0	960.0	1.5	12.4	2264	1200.0	960.0	4.0	11.6
2265	1200.0	990.0	1.5	13.1	2265	1200.0	990.0	4.0	12.2

2266	1200.0	1020.0	1.5	13.8	2266	1200.0	1020.0	4.0	13.1
2267	1200.0	1050.0	1.5	0.0	2267	1200.0	1050.0	4.0	1.9
2268	1200.0	1080.0	1.5	1.9	2268	1200.0	1080.0	4.0	5.8
2269	1200.0	1110.0	1.5	0.4	2269	1200.0	1110.0	4.0	0.3
2270	1200.0	1140.0	1.5	17.0	2270	1200.0	1140.0	4.0	15.9
2271	1200.0	1170.0	1.5	17.1	2271	1200.0	1170.0	4.0	16.0
2272	1200.0	1200.0	1.5	16.0	2272	1200.0	1200.0	4.0	14.8
2273	1200.0	1230.0	1.5	15.2	2273	1200.0	1230.0	4.0	14.2
2274	1200.0	1260.0	1.5	7.3	2274	1200.0	1260.0	4.0	8.1
2275	1200.0	1290.0	1.5	11.9	2275	1200.0	1290.0	4.0	11.6
2276	1200.0	1320.0	1.5	18.0	2276	1200.0	1320.0	4.0	17.3
2277	1200.0	1350.0	1.5	13.4	2277	1200.0	1350.0	4.0	13.0
2278	1200.0	1380.0	1.5	14.4	2278	1200.0	1380.0	4.0	13.9
2279	1200.0	1410.0	1.5	12.3	2279	1200.0	1410.0	4.0	11.9
2280	1200.0	1440.0	1.5	12.4	2280	1200.0	1440.0	4.0	11.8
2281	1200.0	1470.0	1.5	0.0	2281	1200.0	1470.0	4.0	0.0
2282	1200.0	1500.0	1.5	0.0	2282	1200.0	1500.0	4.0	0.0
2283	1200.0	1530.0	1.5	0.0	2283	1200.0	1530.0	4.0	0.0
2284	1200.0	1560.0	1.5	0.0	2284	1200.0	1560.0	4.0	0.0
2285	1200.0	1590.0	1.5	0.0	2285	1200.0	1590.0	4.0	0.0
2286	1200.0	1620.0	1.5	0.0	2286	1200.0	1620.0	4.0	0.0
2287	1200.0	1650.0	1.5	0.0	2287	1200.0	1650.0	4.0	0.0
2288	1230.0	0.0	1.5	0.0	2288	1230.0	0.0	4.0	0.0
2289	1230.0	30.0	1.5	0.0	2289	1230.0	30.0	4.0	0.0
2290	1230.0	60.0	1.5	0.0	2290	1230.0	60.0	4.0	0.0
2291	1230.0	90.0	1.5	0.0	2291	1230.0	90.0	4.0	0.0
2292	1230.0	120.0	1.5	0.0	2292	1230.0	120.0	4.0	0.0
2293	1230.0	150.0	1.5	0.0	2293	1230.0	150.0	4.0	0.0
2294	1230.0	180.0	1.5	0.0	2294	1230.0	180.0	4.0	0.0
2295	1230.0	210.0	1.5	0.0	2295	1230.0	210.0	4.0	0.0
2296	1230.0	240.0	1.5	0.0	2296	1230.0	240.0	4.0	0.0
2297	1230.0	270.0	1.5	0.0	2297	1230.0	270.0	4.0	0.0
2298	1230.0	300.0	1.5	0.0	2298	1230.0	300.0	4.0	0.0
2299	1230.0	330.0	1.5	0.0	2299	1230.0	330.0	4.0	0.0
2300	1230.0	360.0	1.5	0.0	2300	1230.0	360.0	4.0	0.0
2301	1230.0	390.0	1.5	0.0	2301	1230.0	390.0	4.0	0.0
2302	1230.0	420.0	1.5	0.0	2302	1230.0	420.0	4.0	0.0
2303	1230.0	450.0	1.5	0.0	2303	1230.0	450.0	4.0	0.0
2304	1230.0	480.0	1.5	0.0	2304	1230.0	480.0	4.0	0.0
2305	1230.0	510.0	1.5	0.0	2305	1230.0	510.0	4.0	0.0
2306	1230.0	540.0	1.5	0.0	2306	1230.0	540.0	4.0	0.0
2307	1230.0	570.0	1.5	0.0	2307	1230.0	570.0	4.0	0.0
2308	1230.0	600.0	1.5	0.0	2308	1230.0	600.0	4.0	0.0
2309	1230.0	630.0	1.5	0.0	2309	1230.0	630.0	4.0	0.0
2310	1230.0	660.0	1.5	0.0	2310	1230.0	660.0	4.0	0.0
2311	1230.0	690.0	1.5	0.0	2311	1230.0	690.0	4.0	0.0
2312	1230.0	720.0	1.5	0.0	2312	1230.0	720.0	4.0	0.0
2313	1230.0	750.0	1.5	0.0	2313	1230.0	750.0	4.0	0.0
2314	1230.0	780.0	1.5	0.0	2314	1230.0	780.0	4.0	0.0
2315	1230.0	810.0	1.5	0.0	2315	1230.0	810.0	4.0	0.0
2316	1230.0	840.0	1.5	0.0	2316	1230.0	840.0	4.0	0.0
2317	1230.0	870.0	1.5	0.0	2317	1230.0	870.0	4.0	0.0
2318	1230.0	900.0	1.5	13.0	2318	1230.0	900.0	4.0	12.4
2319	1230.0	930.0	1.5	13.7	2319	1230.0	930.0	4.0	13.0
2320	1230.0	960.0	1.5	11.8	2320	1230.0	960.0	4.0	11.0
2321	1230.0	990.0	1.5	12.4	2321	1230.0	990.0	4.0	11.5
2322	1230.0	1020.0	1.5	1.0	2322	1230.0	1020.0	4.0	2.4
2323	1230.0	1050.0	1.5	0.0	2323	1230.0	1050.0	4.0	1.7

2324	1230.0	1080.0	1.5	3.6	2324	1230.0	1080.0	4.0	4.5
2325	1230.0	1110.0	1.5	2.9	2325	1230.0	1110.0	4.0	2.8
2326	1230.0	1140.0	1.5	15.9	2326	1230.0	1140.0	4.0	15.0
2327	1230.0	1170.0	1.5	16.0	2327	1230.0	1170.0	4.0	15.0
2328	1230.0	1200.0	1.5	14.8	2328	1230.0	1200.0	4.0	13.8
2329	1230.0	1230.0	1.5	14.1	2329	1230.0	1230.0	4.0	13.3
2330	1230.0	1260.0	1.5	16.2	2330	1230.0	1260.0	4.0	15.5
2331	1230.0	1290.0	1.5	12.5	2331	1230.0	1290.0	4.0	12.0
2332	1230.0	1320.0	1.5	14.8	2332	1230.0	1320.0	4.0	14.2
2333	1230.0	1350.0	1.5	11.8	2333	1230.0	1350.0	4.0	11.2
2334	1230.0	1380.0	1.5	0.0	2334	1230.0	1380.0	4.0	0.8
2335	1230.0	1410.0	1.5	8.9	2335	1230.0	1410.0	4.0	8.5
2336	1230.0	1440.0	1.5	0.0	2336	1230.0	1440.0	4.0	0.0
2337	1230.0	1470.0	1.5	0.0	2337	1230.0	1470.0	4.0	0.0
2338	1230.0	1500.0	1.5	0.0	2338	1230.0	1500.0	4.0	0.0
2339	1230.0	1530.0	1.5	0.0	2339	1230.0	1530.0	4.0	0.0
2340	1230.0	1560.0	1.5	0.0	2340	1230.0	1560.0	4.0	0.0
2341	1230.0	1590.0	1.5	0.0	2341	1230.0	1590.0	4.0	0.0
2342	1230.0	1620.0	1.5	0.0	2342	1230.0	1620.0	4.0	0.0
2343	1230.0	1650.0	1.5	0.0	2343	1230.0	1650.0	4.0	0.0
2344	1260.0	0.0	1.5	0.0	2344	1260.0	0.0	4.0	0.0
2345	1260.0	30.0	1.5	0.0	2345	1260.0	30.0	4.0	0.0
2346	1260.0	60.0	1.5	0.0	2346	1260.0	60.0	4.0	0.0
2347	1260.0	90.0	1.5	0.0	2347	1260.0	90.0	4.0	0.0
2348	1260.0	120.0	1.5	0.0	2348	1260.0	120.0	4.0	0.0
2349	1260.0	150.0	1.5	0.0	2349	1260.0	150.0	4.0	0.0
2350	1260.0	180.0	1.5	0.0	2350	1260.0	180.0	4.0	0.0
2351	1260.0	210.0	1.5	0.0	2351	1260.0	210.0	4.0	0.0
2352	1260.0	240.0	1.5	0.0	2352	1260.0	240.0	4.0	0.0
2353	1260.0	270.0	1.5	0.0	2353	1260.0	270.0	4.0	0.0
2354	1260.0	300.0	1.5	0.0	2354	1260.0	300.0	4.0	0.0
2355	1260.0	330.0	1.5	0.0	2355	1260.0	330.0	4.0	0.0
2356	1260.0	360.0	1.5	0.0	2356	1260.0	360.0	4.0	0.0
2357	1260.0	390.0	1.5	0.0	2357	1260.0	390.0	4.0	0.0
2358	1260.0	420.0	1.5	0.0	2358	1260.0	420.0	4.0	0.0
2359	1260.0	450.0	1.5	0.0	2359	1260.0	450.0	4.0	0.0
2360	1260.0	480.0	1.5	0.0	2360	1260.0	480.0	4.0	0.0
2361	1260.0	510.0	1.5	0.0	2361	1260.0	510.0	4.0	0.0
2362	1260.0	540.0	1.5	0.0	2362	1260.0	540.0	4.0	0.0
2363	1260.0	570.0	1.5	0.0	2363	1260.0	570.0	4.0	0.0
2364	1260.0	600.0	1.5	0.0	2364	1260.0	600.0	4.0	0.0
2365	1260.0	630.0	1.5	0.0	2365	1260.0	630.0	4.0	0.0
2366	1260.0	660.0	1.5	0.0	2366	1260.0	660.0	4.0	0.0
2367	1260.0	690.0	1.5	0.0	2367	1260.0	690.0	4.0	0.0
2368	1260.0	720.0	1.5	0.0	2368	1260.0	720.0	4.0	0.0
2369	1260.0	750.0	1.5	0.0	2369	1260.0	750.0	4.0	0.0
2370	1260.0	780.0	1.5	0.0	2370	1260.0	780.0	4.0	0.0
2371	1260.0	810.0	1.5	0.0	2371	1260.0	810.0	4.0	0.0
2372	1260.0	840.0	1.5	0.0	2372	1260.0	840.0	4.0	0.0
2373	1260.0	870.0	1.5	0.0	2373	1260.0	870.0	4.0	0.0
2374	1260.0	900.0	1.5	0.0	2374	1260.0	900.0	4.0	0.0
2375	1260.0	930.0	1.5	10.6	2375	1260.0	930.0	4.0	9.9
2376	1260.0	960.0	1.5	11.1	2376	1260.0	960.0	4.0	10.4
2377	1260.0	990.0	1.5	2.0	2377	1260.0	990.0	4.0	2.6
2378	1260.0	1020.0	1.5	0.0	2378	1260.0	1020.0	4.0	1.2
2379	1260.0	1050.0	1.5	1.8	2379	1260.0	1050.0	4.0	2.7
2380	1260.0	1080.0	1.5	6.6	2380	1260.0	1080.0	4.0	6.4
2381	1260.0	1110.0	1.5	5.8	2381	1260.0	1110.0	4.0	5.6

2382	1260.0	1140.0	1.5	13.4	2382	1260.0	1140.0	4.0	12.4
2383	1260.0	1170.0	1.5	15.9	2383	1260.0	1170.0	4.0	15.0
2384	1260.0	1230.0	1.5	0.0	2384	1260.0	1230.0	4.0	0.0
2385	1260.0	1260.0	1.5	12.7	2385	1260.0	1260.0	4.0	11.8
2386	1260.0	1290.0	1.5	6.2	2386	1260.0	1290.0	4.0	5.9
2387	1260.0	1320.0	1.5	1.4	2387	1260.0	1320.0	4.0	2.0
2388	1260.0	1350.0	1.5	10.8	2388	1260.0	1350.0	4.0	10.6
2389	1260.0	1380.0	1.5	0.0	2389	1260.0	1380.0	4.0	0.2
2390	1260.0	1410.0	1.5	0.0	2390	1260.0	1410.0	4.0	0.0
2391	1260.0	1440.0	1.5	0.0	2391	1260.0	1440.0	4.0	0.0
2392	1260.0	1470.0	1.5	0.0	2392	1260.0	1470.0	4.0	0.0
2393	1260.0	1500.0	1.5	0.0	2393	1260.0	1500.0	4.0	0.0
2394	1260.0	1530.0	1.5	0.0	2394	1260.0	1530.0	4.0	0.0
2395	1260.0	1560.0	1.5	0.0	2395	1260.0	1560.0	4.0	0.0
2396	1260.0	1590.0	1.5	0.0	2396	1260.0	1590.0	4.0	0.0
2397	1260.0	1620.0	1.5	0.0	2397	1260.0	1620.0	4.0	0.0
2398	1260.0	1650.0	1.5	0.0	2398	1260.0	1650.0	4.0	0.0
2399	1290.0	0.0	1.5	0.0	2399	1290.0	0.0	4.0	0.0
2400	1290.0	30.0	1.5	0.0	2400	1290.0	30.0	4.0	0.0
2401	1290.0	60.0	1.5	0.0	2401	1290.0	60.0	4.0	0.0
2402	1290.0	90.0	1.5	0.0	2402	1290.0	90.0	4.0	0.0
2403	1290.0	120.0	1.5	0.0	2403	1290.0	120.0	4.0	0.0
2404	1290.0	150.0	1.5	0.0	2404	1290.0	150.0	4.0	0.0
2405	1290.0	180.0	1.5	0.0	2405	1290.0	180.0	4.0	0.0
2406	1290.0	210.0	1.5	0.0	2406	1290.0	210.0	4.0	0.0
2407	1290.0	240.0	1.5	0.0	2407	1290.0	240.0	4.0	0.0
2408	1290.0	270.0	1.5	0.0	2408	1290.0	270.0	4.0	0.0
2409	1290.0	300.0	1.5	0.0	2409	1290.0	300.0	4.0	0.0
2410	1290.0	330.0	1.5	0.0	2410	1290.0	330.0	4.0	0.0
2411	1290.0	360.0	1.5	0.0	2411	1290.0	360.0	4.0	0.0
2412	1290.0	390.0	1.5	0.0	2412	1290.0	390.0	4.0	0.0
2413	1290.0	420.0	1.5	0.0	2413	1290.0	420.0	4.0	0.0
2414	1290.0	450.0	1.5	0.0	2414	1290.0	450.0	4.0	0.0
2415	1290.0	480.0	1.5	0.0	2415	1290.0	480.0	4.0	0.0
2416	1290.0	510.0	1.5	0.0	2416	1290.0	510.0	4.0	0.0
2417	1290.0	540.0	1.5	0.0	2417	1290.0	540.0	4.0	0.0
2418	1290.0	570.0	1.5	0.0	2418	1290.0	570.0	4.0	0.0
2419	1290.0	600.0	1.5	0.0	2419	1290.0	600.0	4.0	0.0
2420	1290.0	630.0	1.5	0.0	2420	1290.0	630.0	4.0	0.0
2421	1290.0	660.0	1.5	0.0	2421	1290.0	660.0	4.0	0.0
2422	1290.0	690.0	1.5	0.0	2422	1290.0	690.0	4.0	0.0
2423	1290.0	720.0	1.5	0.0	2423	1290.0	720.0	4.0	0.0
2424	1290.0	750.0	1.5	0.0	2424	1290.0	750.0	4.0	0.0
2425	1290.0	780.0	1.5	0.0	2425	1290.0	780.0	4.0	0.0
2426	1290.0	810.0	1.5	0.0	2426	1290.0	810.0	4.0	0.0
2427	1290.0	840.0	1.5	0.0	2427	1290.0	840.0	4.0	0.0
2428	1290.0	870.0	1.5	0.0	2428	1290.0	870.0	4.0	0.0
2429	1290.0	900.0	1.5	0.0	2429	1290.0	900.0	4.0	0.0
2430	1290.0	930.0	1.5	0.0	2430	1290.0	930.0	4.0	0.0
2431	1290.0	960.0	1.5	2.7	2431	1290.0	960.0	4.0	2.7
2432	1290.0	990.0	1.5	0.0	2432	1290.0	990.0	4.0	0.9
2433	1290.0	1020.0	1.5	0.0	2433	1290.0	1020.0	4.0	0.9
2434	1290.0	1050.0	1.5	2.1	2434	1290.0	1050.0	4.0	2.6
2435	1290.0	1080.0	1.5	10.8	2435	1290.0	1080.0	4.0	10.3
2436	1290.0	1110.0	1.5	14.5	2436	1290.0	1110.0	4.0	13.7
2437	1290.0	1140.0	1.5	12.4	2437	1290.0	1140.0	4.0	11.5
2438	1290.0	1170.0	1.5	12.4	2438	1290.0	1170.0	4.0	11.6
2439	1290.0	1200.0	1.5	12.3	2439	1290.0	1200.0	4.0	11.5

2440	1290.0	1230.0	1.5	0.0	2440	1290.0	1230.0	4.0	0.0
2441	1290.0	1260.0	1.5	0.0	2441	1290.0	1260.0	4.0	0.0
2442	1290.0	1290.0	1.5	11.5	2442	1290.0	1290.0	4.0	10.7
2443	1290.0	1320.0	1.5	3.2	2443	1290.0	1320.0	4.0	3.2
2444	1290.0	1350.0	1.5	10.5	2444	1290.0	1350.0	4.0	10.0
2445	1290.0	1380.0	1.5	0.0	2445	1290.0	1380.0	4.0	0.0
2446	1290.0	1410.0	1.5	0.0	2446	1290.0	1410.0	4.0	0.0
2447	1290.0	1440.0	1.5	0.0	2447	1290.0	1440.0	4.0	0.0
2448	1290.0	1470.0	1.5	0.0	2448	1290.0	1470.0	4.0	0.0
2449	1290.0	1500.0	1.5	0.0	2449	1290.0	1500.0	4.0	0.0
2450	1290.0	1530.0	1.5	0.0	2450	1290.0	1530.0	4.0	0.0
2451	1290.0	1560.0	1.5	0.0	2451	1290.0	1560.0	4.0	0.0
2452	1290.0	1590.0	1.5	0.0	2452	1290.0	1590.0	4.0	0.0
2453	1290.0	1620.0	1.5	0.0	2453	1290.0	1620.0	4.0	0.0
2454	1290.0	1650.0	1.5	0.0	2454	1290.0	1650.0	4.0	0.0
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