

	Position	Demand
0	(269, 174)	3
1	(238, 180)	3
2	(48, 103)	3
3	(155, 152)	7
4	(267, 156)	5
5	(436, 410)	3
6	(201, 416)	7
7	(337, 70)	3
8	(127, 465)	7
9	(42, 102)	5
10	(389, 126)	3
11	(61, 349)	7
12	(52, 94)	3
13	(416, 185)	9
14	(378, 196)	7
15	(216, 196)	7
16	(245, 212)	5
17	(45, 20)	7
18	(213, 371)	5
19	(198, 24)	5
20	(182, 259)	3
21	(35, 138)	3
22	(459, 59)	9
23	(423, 455)	9
24	(191, 233)	7
25	(105, 360)	3
26	(322, 465)	5
27	(283, 207)	9
28	(402, 81)	3
29	(127, 345)	-1