No. of line segments (n)	Sensing range (ρ)	Approximate no. of sensors by our 12-approx algo.	Optimal no. of sensors
10	20	8.94	6.57
10	30	8.16	6.05
10	40	7.73	5.60
10	50	7.68	5.30
15	20	12.54	9.77
15	30	11.27	7.91
15	40	10.20	7.70
15	50	9.78	6.44
20	20	15.00	13.25
20	30	14.33	****
20	40	13.13	****
20	50	11.67	****
30	20	22.2	****
30	30	19.27	****
30	40	17.13	****
30	50	15.87	****