

Size of List	Comparisons (Insertion)	Comparisons (Selection)
1	0	0
2	1	1
3	3	3
4	6	6
5	10	10
6	11	15
7	12	21
8	14	28
9	18	36
10	24	45
15	69	105
30	277	435
45	577	990
60	949	1170
75	1474	2775
90	2220	4005
105	2944	5460
120	3797	7140
135	4473	9045
150	5506	11175

## Worst-Case Runtime Complexity

### Insertion Sort vs Selection Sort

