

Algorithm Growth/Scaling Trends

Mark Sort							Bubble Sort					Binary Search			
N =	1500	1500	1500				1500	1500	1500			1500	1500	1500	
Milliseconds =	350	340	340	343.33			360	370	360	363.33		0	0	0	0
N =	30000	30000	30000				30000	30000	30000			30000	30000	30000	
Milliseconds =	1380	1400	1380	1386.67	4.04		1451	1461	1461	1457.67	4.01	0	0	0	0
N =	60000	60000	60000				60000	60000	60000			60000	60000	60000	
Milliseconds =	5540	5540	5540	5540	4.00	16.14	5841	5834	5841	5838.67	4.01	0	0	0	0
N =	120000	120000	120000				120000	120000	120000			120000	120000	120000	
Milliseconds =	21070	21120	21140	21110	3.81	15.22	23301	23301	23311	23304.33	3.99	0	0	0	0

Totals			
Operations	Mark	Bubble	Binary
1500	343.33	363.33	0
30000	1386.67	1457.67	0
60000	5540	5838.67	0
120000	21110	23304.33	0

