

Size of Array	My algorithm	Ruby's Algorithm
50000	217.4	16.6
100000	444.9	32.1
150000	659.1	48.2
200000	871	65.8
250000	1095.5	82.2
300000	1331.1	137.4
350000	1518.9	116.2
400000	1770.1	138.3
450000	1989.6	153.1
500000	2243.2	167.2
550000	2429	197.6
600000	2615.9	204.8
650000	2973.3	224
700000	3108.3	251.5
750000	3350.8	290.3
800000	3643	602.3
850000	3758.4	296.7
900000	4037.1	346.3
950000	4194.8	327.1
1000000	4421.6	1336.6

