

SIZE OF ARRAY	MY ALGORITHM	RUBY'S ALGORITHM
50000	778.5	94.8
100000	1486.4	191.2
150000	2251.4	289
200000	3048.3	428.2
250000	3844.2	448.7
300000	4650.7	593.8
350000	5526.5	733.9
400000	6305.2	824.5
450000	7068.2	917.1
500000	8539.6	998.7
550000	8862.4	1001.3
600000	9959.1	1260.3
650000	10749.2	1405
700000	11767.3	1646.2
750000	12761.9	1985
800000	14069.5	1933.4
850000	14561.8	2007.4
900000	15689.3	2312.3
950000	17061.1	2333.3
1000000	17552.7	2415.8

