Gauge Hartwell

Assignment 4 Write Up

2A)

10000: 0.235923 seconds

100000: 0.239834 seconds

1000000: 0.244417 seconds

2B)

1000000000:

1000000 \* log(1000000) / 1000000000 \* log(1000000000) = 0.244417 / x

6000000 / 9000000000 = 0.244417 / x

6000000x = 9000000000 \* 0.244417

6000000x = 3682231596

x = 6137.05266

5A)

5B)