**1.b.**

Method is correct.

18 14

62 66

**1.c.**

1.C. The elapsed time for multiplying 16\*16 matrices with strassens method: 2079920800 nanoseconds.

**1.d.**

1.D. The elapsed time for multiplying 64\*64 matrices with strassens method: 176275617400 nanoseconds.

The time increased by **84,75**. It is expected when the size of the array is considered.

**1.e.**

1.E. The elapsed time for multiplying 16\*16 matrices with square matrix multiply: 128800 nanoseconds.

Compared to part 1.c., we can see that square matrix multiply is faster. This can be due to array size. When array size is large enough, we should use Strassen’s method. The time decreased by **16.15.**

**1.f.**

1.F. The elapsed time for multiplying 64\*64 matrices with square matrix multiply: 2450900 nanoseconds.

Compared part 1.d., we can see that square matrix multiply is faster than Strassen’s method. The time decreased by 71.922,81.