**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**M8-U6: HW #5 – Scientific Notations Operations: Multiplication & Division**

**Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Perform the following operations; leave your answer in scientific notation.**

**1.  2. **

**3.  4. **

**5.  6. **

**7.  8. **

**9.** Light travels inches in 1 second. About how far will light travel in 1 minute? Use scientific notation.

Simplify the following:

**10.  11. **

**Perform the following operations; leave your answer in scientific notation.**

**12.  13. **

**14.  15. **

**16.  17. **

**Simplify the following:**

**18.  19. **

**20.** A box contains 1.8 x 1024 atoms. One third of them are carbon, the other two thirds are oxygen. How many carbon atoms are in the box? Use scientific notation.