

Name: \_\_\_\_\_

Section: \_\_\_\_\_

### Scientific Notation - Additional Practice

**Directions:** complete the following questions using your knowledge of scientific notation

1) Write in scientific notation:

a. 0.000467 → \_\_\_\_\_

b. 32,000,000 → \_\_\_\_\_

c. 0.579 → \_\_\_\_\_

2) Express the following as numbers:

a.  $5.43 \times 10^{-3}$  → \_\_\_\_\_

b.  $6.02 \times 10^{23}$  → \_\_\_\_\_

c.  $3.61 \times 10^{-10}$  → \_\_\_\_\_

3)  $(4.5 \times 10^{-14}) \times (5.2 \times 10^3)$

4)  $(6.1 \times 10^5)/(1.2 \times 10^{-3})$

5) Make up your own number and write it in scientific notation.

6) Make up a value written in scientific notation and express it as a number.

7) Create two values written in scientific notation and calculate the product of the two.

8) Create two values written in scientific notation and divide them.