Scientific Notation – Additional Practice

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

1) Write in scientific notation:
   a. 0.000467 \rightarrow _______ ____________
   b. 32,000,000 \rightarrow _______ ______________
   c. 0.579 \rightarrow _______ ______________

2) Express the following as numbers:
   a. 5.43 \times 10^{-3} \rightarrow _______ ______________
   b. 6.02 \times 10^{23} \rightarrow _______ ______________
   c. 3.61 \times 10^{-10} \rightarrow _______ ______________

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.