

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

Period: \_\_\_\_\_ Date: \_\_\_\_\_

## Multiplying and Dividing with Scientific Notation **Answers**

### Section I. Solve. Leave your answer in Scientific Notation

1.  $(3.8 \times 10^{12})(2.5 \times 10^6) = 9.5 \times 10^{18}$

2.  $(1.9 \times 10^{-11})(4.3 \times 10^{-8}) = 8.17 \times 10^{-19}$

3.  $(7.6 \times 10^8)(9.4 \times 10^{17}) = 7.144 \times 10^{26}$

4.  $(5.7 \times 10^{-13})(8.4 \times 10^{-4}) = 4.788 \times 10^{-16}$

5.  $\frac{(8.2 \times 10^8)}{(2.5 \times 10^3)} = 3.28 \times 10^5$

6.  $\frac{(3.6 \times 10^{12})}{(4.8 \times 10^5)} = 7.5 \times 10^6$

7.  $\frac{(7.9 \times 10^{-9})}{(1.4 \times 10^{-4})} = 5.643 \times 10^{-5}$

8.  $\frac{(4.6 \times 10^{-10})}{(9.2 \times 10^{-5})} = 5 \times 10^{-6}$