

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

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

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

## Operations with Scientific Notation

Simplify. Write each answer in scientific notation. Round to the nearest thousandth if needed.

1)  $\frac{5.35 \times 10^{-4}}{3 \times 10^{-6}}$

7)  $\frac{1.92 \times 10^4}{7 \times 10^2}$

2)  $(9.6 \times 10^3)(3.8 \times 10^6)$

8)  $(6.9 \times 10^6)(1.38 \times 10^5)$

3)  $(3.8 \times 10^5)^2$

9)  $\frac{2 \times 10^{-2}}{5 \times 10^{-5}}$

4)  $(5.4 \times 10^{-6})(2 \times 10^{-2})$

10)  $(2.31 \times 10^{-3})^{-3}$

5)  $(9 \times 10^6)^3$

11)  $(7 \times 10^4)^{-2}$

6)  $(7.31 \times 10^{-4})(2.72 \times 10^{-6})$

12)  $\frac{2.8 \times 10^5}{6.88 \times 10^4}$

