

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

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

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

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

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### Operations with Scientific Notation

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

1)  $(4 \times 10^5)(8.03 \times 10^3)$

7)  $(3.29 \times 10^4)(8.33 \times 10^6)$

2)  $(7.69 \times 10^{-3})(4.4 \times 10^{-6})$

8)  $\frac{6.9 \times 10^{-6}}{5 \times 10^{-3}}$

3)  $\frac{8 \times 10^6}{3 \times 10^{-4}}$

9)  $(7.06 \times 10^4)^2$

4)  $(8.77 \times 10^{-2})(6 \times 10^{-4})$

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

5)  $\frac{2.2 \times 10^2}{9.81 \times 10^6}$

11)  $\frac{3 \times 10^3}{1.5 \times 10^6}$

6)  $(5.8 \times 10^{-2})^2$

12)  $(3 \times 10^5)^2$

