

Name \_\_\_\_\_

Date \_\_\_\_\_ Per \_\_\_\_\_ A# \_\_\_\_\_

### Scientific Notation: Mixed Problems

Write each number in scientific notation.

1) 750

2) 2000000

3) 321000

4) 210000

Write each number in standard notation.

5)  $2.2 \times 10^{-3}$

6)  $8 \times 10^{-1}$

7)  $6.5 \times 10^5$

8)  $5 \times 10^{-4}$

Write each number in scientific notation.

9)  $38.9 \times 10^0$

10) 0.0023

11)  $0.3 \times 10^{-6}$

12) 53

Simplify. Write each answer in scientific notation.

13)  $(2 \times 10^4)(8 \times 10^6)$

14)  $\frac{(3 \times 10^{12})^2}{(9 \times 10^4)}$

15)  $\frac{(4 \times 10^{-1})}{(2 \times 10^3)}$

16)  $(2.5 \times 10^3)^2$

17)  $(3 \times 10^{-5})(10^{15})$

18)  $\frac{(6 \times 10^1)}{(1.2 \times 10^{-1})}$