

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

## Scientific Notation – Multiplying/Dividing HOMEWORK

GLO	/2
HW	/8

### Steps to adding and subtracting in Scientific Notation:

- 1) **Multiply or Divide** the decimal numbers ONLY
- 2) **Keep** your power of **10** the same
- 3) If the new decimal value is not between 1 and 10, **rewrite your answer in scientific notation.**

$(2.3 \times 10^4) (4.7 \times 10^3)$	$(8.1 \times 10^3) (5.6 \times 10^6)$
$1.75 \times 10^2 \cdot 2.3 \times 10^3$	$1.32 \times 10^7 \cdot 6.8 \times 10^{-5}$
$\frac{9.8 \times 10^4}{0.7 \times 10^1}$	$\frac{3.24 \times 10^4}{4 \times 10^1}$
$\frac{5.1 \times 10^4}{3.4 \times 10^{-2}}$	$\frac{1.725 \times 10^7}{7.5 \times 10^{-3}}$