

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

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

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

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

## Operations with Scientific Notation

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

1) 
$$\frac{8 \times 10^2}{4.8 \times 10^5}$$

7) 
$$\frac{3 \times 10^2}{4.7 \times 10^6}$$

2) 
$$\frac{2 \times 10^5}{7.16 \times 10^3}$$

8) 
$$\frac{9.1 \times 10^5}{5.4 \times 10^3}$$

3) 
$$\frac{1.41 \times 10^2}{5.8 \times 10^5}$$

9) 
$$\frac{7.3 \times 10^2}{5.5 \times 10^4}$$

4) 
$$\frac{1.74 \times 10^2}{7 \times 10^6}$$

10) 
$$\frac{4.7 \times 10^5}{3 \times 10^6}$$

5) 
$$\frac{7.5 \times 10^6}{4 \times 10^2}$$

11) 
$$\frac{6.98 \times 10^5}{5.9 \times 10^4}$$

6) 
$$\frac{3.61 \times 10^5}{3.29 \times 10^4}$$

12) 
$$\frac{2 \times 10^4}{3 \times 10^6}$$



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## Operations with Scientific Notation

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

$$1) \frac{8 \times 10^2}{4.8 \times 10^5}$$
$$1.667 \times 10^{-3}$$

$$2) \frac{2 \times 10^5}{7.16 \times 10^3}$$
$$2.793 \times 10^1$$

$$3) \frac{1.41 \times 10^2}{5.8 \times 10^5}$$
$$2.431 \times 10^{-4}$$

$$4) \frac{1.74 \times 10^2}{7 \times 10^6}$$
$$2.486 \times 10^{-5}$$

$$5) \frac{7.5 \times 10^6}{4 \times 10^2}$$
$$1.875 \times 10^4$$

$$6) \frac{3.61 \times 10^5}{3.29 \times 10^4}$$
$$10.973 \times 10^0$$

$$7) \frac{3 \times 10^2}{4.7 \times 10^6}$$
$$6.383 \times 10^{-5}$$

$$8) \frac{9.1 \times 10^5}{5.4 \times 10^3}$$
$$1.685 \times 10^2$$

$$9) \frac{7.3 \times 10^2}{5.5 \times 10^4}$$
$$1.327 \times 10^{-2}$$

$$10) \frac{4.7 \times 10^5}{3 \times 10^6}$$
$$1.567 \times 10^{-1}$$

$$11) \frac{6.98 \times 10^5}{5.9 \times 10^4}$$
$$11.831 \times 10^0$$

$$12) \frac{2 \times 10^4}{3 \times 10^6}$$
$$6.667 \times 10^{-3}$$

