

Multiplying & Dividing with Scientific Notation

Date _____

Simplify. Write each answer in scientific notation.

1) $(7.86 \times 10^{-2})(7 \times 10^{-4})$

2) $(9 \times 10^1)(7.44 \times 10^{-2})$

3) $(8.99 \times 10^{-6})(4 \times 10^{-3})$

4) $(2 \times 10^{-3})(5.9 \times 10^3)$

5) $(5 \times 10^{-3})(2.14 \times 10^2)$

6) $(2.4 \times 10^{-2})(7.6 \times 10^6)$

7) $(4 \times 10^{-3})(7.3 \times 10^{-4})$

8) $(9.8 \times 10^3)(4 \times 10^1)$

9) $(1.5 \times 10^2)(2.9 \times 10^6)$

10) $(6 \times 10^1)(4.29 \times 10^{-6})$

$$11) \frac{6 \times 10^3}{6.3 \times 10^{-2}}$$

$$12) \frac{6.02 \times 10^1}{4.49 \times 10^{-4}}$$

$$13) \frac{2.65 \times 10^2}{8.7 \times 10^5}$$

$$14) \frac{6.42 \times 10^{-2}}{9.4 \times 10^0}$$

$$15) \frac{6 \times 10^4}{4.56 \times 10^0}$$

$$16) \frac{2.2 \times 10^6}{9.6 \times 10^2}$$

$$17) \frac{3.6 \times 10^3}{7.9 \times 10^5}$$

$$18) \frac{4.44 \times 10^{-5}}{9.78 \times 10^{-3}}$$

$$19) \frac{8.83 \times 10^{-2}}{5.7 \times 10^1}$$

$$20) \frac{4.3 \times 10^{-4}}{3.7 \times 10^2}$$