

## Operations with Scientific Notation

Simplify. Write each answer in scientific notation.

1.  $(4 \times 10^{-2})(7 \times 10^{-5})$

2.  $(2 \times 10^0)(6.5 \times 10^2)$

3.  $(9 \times 10^4)(5 \times 10^3)$

4.  $(7.5 \times 10^4)(6 \times 10^5)$

5.  $(3 \times 10^4)(8 \times 10^0)$

6.  $(8.1 \times 10^6)(3 \times 10^4)$

7.  $\frac{2.2 \times 10^0}{8.8 \times 10^5}$

8.  $\frac{1.4 \times 10^{-2}}{7 \times 10^4}$

9.  $\frac{5 \times 10^{-4}}{4 \times 10^{-2}}$

10.  $\frac{4.5 \times 10^1}{9 \times 10^{-2}}$

11.  $\frac{6 \times 10^{-6}}{8 \times 10^{-3}}$

12.  $\frac{3 \times 10^3}{6 \times 10^{-5}}$