

# Lesson 7 Skills Practice

## *Compute with Scientific Notation*

Evaluate each expression. Express the result in scientific notation.

1.  $(5.8 \times 10^5)(6.4 \times 10^2)$

2.  $(3.92 \times 10^6)(2.2 \times 10^4)$

3.  $\frac{2.952 \times 10^6}{3.6 \times 10^3}$

4.  $\frac{2.052 \times 10^7}{5.4 \times 10^4}$

5.  $(6.9 \times 10^7) + (2.12 \times 10^5)$

6.  $(1.78 \times 10^4) + (5.35 \times 10^3)$

7.  $(8.4 \times 10^7) - (6.3 \times 10^6)$

8.  $(9.62 \times 10^5) - (2.58 \times 10^3)$

9.  $\frac{6.256 \times 10^8}{6.8 \times 10^4}$

10.  $\frac{2.888 \times 10^5}{7.22 \times 10^2}$

**11.**  $(3.68 \times 10^3)(2.4 \times 10^6)$

**12.**  $(7.2 \times 10^7)(1.82 \times 10^2)$

**13.**  $(6.78 \times 10^4) - (4.13 \times 10^2)$

**14.**  $\frac{3.024 \times 10^6}{4.8 \times 10^2}$

**15.**  $(5.9 \times 10^8) + (2.6 \times 10^6)$

**16.**  $(3.45 \times 10^7)(1.68 \times 10^4)$

**17.**  $(8.33 \times 10^3) + (4.1 \times 10^5)$

**18.**  $(6.82 \times 10^5) - (3.11 \times 10^4)$