

**10.7****Practice**

For use after Lesson 10.7

Find the sum or difference. Write your answer in scientific notation.

1.  $(2 \times 10^4) + (7.2 \times 10^4)$

2.  $(3.2 \times 10^{-2}) + (9.4 \times 10^{-2})$

3.  $(6.7 \times 10^5) - (4.3 \times 10^5)$

4.  $(8.9 \times 10^{-3}) - (1.9 \times 10^{-3})$

Find the product or quotient. Write your answer in scientific notation.

5.  $(6 \times 10^8) \times (4 \times 10^6)$

6.  $(9 \times 10^{-3}) \times (9 \times 10^{-3})$

7.  $(8 \times 10^3) \div (2 \times 10^2)$

8.  $(2.34 \times 10^5) \div (7.8 \times 10^5)$

9. How many times greater is the radius of a basketball than the radius of a marble?

Radius =  $1.143 \times 10^1$  cmRadius =  $5 \times 10^{-1}$  cm