

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 = 1.143×10^1 cmRadius = 5×10^{-1} cm