

9.6b**Practice**

For use after Lesson 9.6b

Add or subtract. 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. $(8.9 \times 10^{-3}) - (1.9 \times 10^{-3})$

5. $(9.3 \times 10^8) + (8.6 \times 10^7)$

6. $(4.2 \times 10^3) + (2.7 \times 10^{-1})$

7. $(1.4 \times 10^6) - (5.5 \times 10^5)$

8. $(1.9 \times 10^{-2}) - (3.1 \times 10^{-3})$

9.6b Practice (continued)**Divide. Write your answer in scientific notation.**

9. $\frac{8 \times 10^3}{2 \times 10^2}$

10. $\frac{2.34 \times 10^5}{7.8 \times 10^5}$

11. $\frac{3.4 \times 10^{-4}}{8.5 \times 10^2}$

12. $\frac{6.9 \times 10^{-7}}{4.6 \times 10^{-2}}$

- 13.** 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