

LESSON

Practice B**2-2****Solving Equations by Multiplying or Dividing**

Solve each equation. Check your answers.

1. $\frac{d}{8} = 6$

2. $-5 = \frac{n}{2}$

3. $2p = 54$

4. $\frac{-t}{2} = 12$

5. $-40 = -4x$

6. $\frac{2r}{3} = 16$

7. $-49 = 7y$

8. $-15 = -\frac{3n}{5}$

9. $9m = 6$

10. $\frac{v}{-3} = -6$

11. $2.8 = \frac{b}{4}$

12. $\frac{3r}{4} = \frac{1}{8}$

Answer each of the following.

13. The perimeter of a regular pentagon is 41.5 cm. Write and solve an equation to determine the length of each side of the pentagon.

14. In June 2005, Peter mailed a package from his local post office in Fayetteville, North Carolina to a friend in Radford, Virginia for \$2.07. The first-class rate at the time was \$0.23 per ounce. Write and solve an equation to determine the weight of the package.

15. Lola spends one-third of her allowance on movies. She spends \$8 per week at the movies. Write and solve an equation to determine Lola's weekly allowance.
