**4-7A Lesson Master**

**SKILLS** Objective C

In 1–14, solve for the stated variable.

1. \( x = 2y - 3 \) for \( y \)
2. \( 5x + 4y = 20 \) for \( y \)
3. \( C = 2\pi r \) for \( r \)
4. \( 3x + 14y = -7y \) for \( x \)
5. \( E = mc^2 \) for \( m \)
6. \( 9x + 2y = 3x + 2y \) for \( x \)
7. \( v = \frac{x}{t} \) for \( t \)
8. \( PV = nRT \) for \( T \)
9. \( Z = \frac{w}{5} + \frac{w}{7} \) for \( w \)
10. \( S = \frac{Pl}{2} + B \) for \( l \)
11. \( S = Ph + 2B \) for \( B \)
12. \( 3x + xy = 9 \) for \( y \)
13. \( g = 3(x + h) \) for \( h \)
14. \( S = 2\pi rh + 2\pi r^2 \) for \( h \)