

## Literal Equations

Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each equation for the indicated variable.**

1)  $g = a - c$ , for  $a$

2)  $u = xk$ , for  $x$

3)  $g = x - c$ , for  $x$

4)  $g = ac$ , for  $a$

5)  $u = -3 + 4x$ , for  $x$

6)  $z = 4a - 3$ , for  $a$

7)  $4k + 2x = 5$ , for  $x$

8)  $-3ka = -2$ , for  $a$

9)  $g = -6yx$ , for  $x$

10)  $u = \frac{6a + 4}{3b}$ , for  $a$

11)  $g = -3a + 2 + 2b$ , for  $a$

12)  $x = b(2a + c)$ , for  $b$

## Answers to Literal Equations

$$1) a = g + c$$

$$3) x = g + c$$

$$5) x = \frac{u + 3}{4}$$

$$7) x = \frac{-4k + 5}{2}$$

$$9) x = -\frac{g}{6y}$$

$$11) a = \frac{-g + 2 + 2b}{3}$$