

Name _____

Date _____ Period _____

Literal Equations

Solve each equation for the indicated variable.

1) $g = 6x$, for x

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

3) $z = m - x$, for x

4) $g = ca$, for a

5) $u = x - k$, for x

6) $g = c + x$, for x

7) $u = \frac{k}{a}$, for a

8) $g = xc$, for x

9) $12am = 4$, for a

10) $-3x + 2c = -3$, for x

11) $am = n + p$, for a

12) $u = \frac{ak}{b}$, for a

13) $a - c = d - r$, for a

14) $xm = np$, for x

$$15) z = b + \frac{m}{a}, \text{ for } a$$

$$16) g = x - c + y, \text{ for } x$$

$$17) g = b - ca, \text{ for } a$$

$$18) g = ca - b, \text{ for } a$$

$$19) 2x + 4 = xg, \text{ for } x$$

$$20) g = \frac{1 + 2a}{a}, \text{ for } a$$

$$21) g = \frac{x - c}{x}, \text{ for } x$$

$$22) xm = x + z, \text{ for } x$$

$$23) u + ka = ba, \text{ for } a$$

$$24) u = kx + yx, \text{ for } x$$

$$25) u = 3b - 2a + 2, \text{ for } a$$

$$26) z = 9a - 9 - 3b, \text{ for } a$$

$$27) g = 4ca - 3ba, \text{ for } a$$

$$28) -3a - 3 = -2n + 3p, \text{ for } a$$

$$29) 4x = -4r + 2d, \text{ for } x$$

$$30) u = \frac{-2a - 3}{ka}, \text{ for } a$$