

# LITERAL EQUATIONS

Solve for the specified variable the same way as solving any equation using inverse operations. You just can't actually simplify some of the operations.

Solve for ☺

☺ = ☹ + ☹ + ☹

2. Divide by

Solve for ●

◆ = (●) + ● + ●

2. Subtract

Solve for y

Solve for →  
 $3\rightarrow + 2\rightarrow = \rightarrow - \rightarrow$

Solve for a

$$a+4c = \frac{5}{3d}$$

$$4x+2y = 18$$

**TRY IT:** Which literal equations are solved correctly for the indicated variable? Check all that apply.

- $15 = c(d+1); c = \frac{d+1}{15}$
- $3x + n = m; n = m - 3x$
- $2x - 3y = 8; x = 4 + 15y$
- $f+3 = 2; f = 2e - 3$