

# Solving Two-Step Equations

Solve each equation.

$$\textcircled{1} \quad 4x - 8 = 12$$

$$\quad \quad +8 \quad +8$$

$$\hline 4x = 20$$

$$\quad \quad \cancel{4} \quad \cancel{4}$$

$$\textcircled{x = 5}$$

$$\textcircled{2} \quad 18 - 5f = -2$$

$$\quad \quad -18 \quad \quad -18$$

$$\hline -5f = -20$$

$$\quad \quad \cancel{-5} \quad \quad \cancel{-5}$$

$$\textcircled{f = 4}$$

$$\textcircled{3} \quad -7 = -5x + 8$$

$$\quad \quad -8 \quad \quad -8$$

$$\hline -15 = -5x$$

$$\quad \quad \cancel{-5} \quad \quad \cancel{-5}$$

$$\textcircled{3 = x}$$

$$\textcircled{4} \quad 2 = -16 - 3m$$

$$\quad \quad +16 \quad +16$$

$$\hline 18 = -3m$$

$$\quad \quad \cancel{-3} \quad \quad \cancel{-3}$$

$$\textcircled{-6 = m}$$