

$$\textcircled{1} \left[ \frac{3x}{4} + 5 = 2 \right]$$

$$\frac{12x}{4} + 20 = 8$$

$$3x + 20 = 8$$

$$-20 \quad -20$$

$$3x = -12$$

Check your work:

$$x = -4$$

$$\textcircled{2} 5(x + 3) = 20$$

$$5x + 15 = 20$$

$$-15 \quad -15$$

$$5x = 5$$

$$x = 1$$

Check your work:

$$\textcircled{3} \underline{3b} + \underline{6b} - \underline{2} - \underline{8} = 17$$

$$9b - 10 = 17$$

$$+10 \quad +10$$

$$\frac{9b}{9} = \frac{27}{9}$$

$$b = 3$$

Check your work:

$$\textcircled{4} -2(a + 2a - 3) = 36$$

$$\underline{-2a} + \underline{4a} + 6 = 36$$

$$-6a + 6 = 36$$

$$-6 \quad -6$$

$$-6a = 30$$

$$a = -5$$

Check your work:

## Multi-Step Equations

### Equations w/ Variables on Both Sides

Multi-Step Equations w/ Variables on Both Sides