

$$2(x - 3) + 7 = 5x - 8$$

$$2x - 6 + 7 = 5x - 8 \quad (1)$$

$$2x + 1 = 5x - 8 \quad (1)$$

$$\begin{array}{r} -2x \end{array}$$

$$1 = 3x - 8 \quad (2)$$

$$\begin{array}{r} +8 \end{array}$$

$$9 = 3x \quad (2)$$

$$\frac{9}{3} = \frac{3}{3}x \quad (4)$$

$$3 = x$$

$$3(2x - 1) - 2 = 10 - (x + 1)$$

$$6x - 3 - 2 = 10 - x - 1 \quad (1)$$

$$6x - 5 = 9 - x \quad (1)$$

$$\begin{array}{r} +x \end{array}$$

$$7x - 5 = 9$$

$$\begin{array}{r} +5 \end{array}$$

$$7x = 14$$

$$\frac{7}{7}x = \frac{14}{7} \quad (4)$$

$$x = 2$$