

A

495

S. 94

$$a) 3x - 4(x - 2) = 5$$

$$3x - 4x + 8 = 5$$

$$-x + 8 = 5 \quad \parallel -8$$

$$-x + 8 - 8 = 5 - 8$$

$$\frac{-x}{-1} = \frac{-3}{-1} \quad \parallel :(-1)$$

$$x = 3$$

$$b) 4 + 2(4x - 7) = 3x$$

$$4 + 8x - 14 = 3x$$

$$8x - 10 = 3x \quad \parallel -3x$$

$$8x - 10 - 3x = 3x - 3x$$

$$5x - 10 = 0 \quad \parallel +10$$

$$5x - 10 + 10 = 0 + 10$$

$$\frac{5x}{5} = \frac{10}{5} \quad \parallel :5$$

$$x = 2$$

$$c) 2x - 3(5 - x) = 10$$

$$2x - 15 + 3x = 10$$

$$5x - 15 = 10 \quad \parallel +15$$

$$5x - 15 + 15 = 10 + 15$$

$$\frac{5x}{5} = \frac{25}{5} \quad \parallel :5$$

$$x = 5$$