

$$\alpha. 3x - 4 = 5x + 12 \quad \text{ή} \quad 3x - 5x = 12 + 4 \quad \text{ή} \quad -2x = 16 \quad \text{ή} \quad \frac{-2x}{-2} = \frac{16}{-2} \quad \text{ή} \quad x = -8$$

$$\beta. 9 - 5x = 8x - 4 \quad \text{ή} \quad -5x - 8x = -4 - 9 \quad \text{ή} \quad -13x = -13 \quad \text{ή} \quad \frac{-13x}{-13} = \frac{-13}{-13} \quad \text{ή} \quad x = 1$$

$$\gamma. 2x + 4 = 7x - 11 \quad \text{ή} \quad 2x - 7x = -11 - 4 \quad \text{ή} \quad -5x = -15 \quad \text{ή} \quad \frac{-5x}{-5} = \frac{-15}{-5} \quad \text{ή} \quad x = 3$$

$$\delta. 15 - 3x = 2x + 5 \quad \text{ή} \quad -3x - 2x = 5 - 15 \quad \text{ή} \quad -5x = -10 \quad \text{ή} \quad \frac{-5x}{-5} = \frac{-10}{-5} \quad \text{ή} \quad x = 2$$