

4.6 1)

Πρέπει να ισχύει

$$\left. \begin{array}{l} 3x - 1 = 14 \\ \text{και} \\ 2y - 3 = -7 \end{array} \right\} \text{οπότε έχουμε} \left. \begin{array}{l} 3x = 14 + 1 \\ 2y = -7 + 3 \end{array} \right\} \Rightarrow \left. \begin{array}{l} 3x = 15 \\ 2y = -4 \end{array} \right\} \Rightarrow \left. \begin{array}{l} x = 5 \\ y = -2 \end{array} \right\}$$

4.6 2)

Πρέπει να ισχύει

$$\left. \begin{array}{l} x + 1 = 4 \\ \text{και} \\ 2y + 7 = 1 \end{array} \right\} \Rightarrow \left. \begin{array}{l} x = 4 - 1 \\ 2y = 1 - 7 \end{array} \right\} \Rightarrow \left. \begin{array}{l} x = 3 \\ 2y = -6 \end{array} \right\} \Rightarrow \left. \begin{array}{l} x = 3 \\ y = -3 \end{array} \right\}$$

4.6 3)

Πρέπει να ισχύει

$$\left. \begin{array}{l} -2x - 3 = -5 \\ \text{και} \\ y - 2 = -8 \end{array} \right\} \Rightarrow \left. \begin{array}{l} -2x = -5 + 3 \\ y = -8 + 2 \end{array} \right\} \Rightarrow \left. \begin{array}{l} -2x = -2 \\ y = -6 \end{array} \right\} \Rightarrow \left. \begin{array}{l} x = 1 \\ y = -6 \end{array} \right\}$$

4.6 4)

Πρέπει να ισχύει

$$\left. \begin{array}{l} 4x - 2 = 6 \\ \text{και} \\ -5y + 6 = -4 \end{array} \right\} \Rightarrow \left. \begin{array}{l} 4x = 6 + 2 \\ -5y = -4 - 6 \end{array} \right\} \Rightarrow \left. \begin{array}{l} 4x = 8 \\ -5y = -10 \end{array} \right\} \Rightarrow \left. \begin{array}{l} x = 2 \\ y = 2 \end{array} \right\}$$

4.6 5)**5** Πρέπει να ισχύει

$$\left. \begin{array}{l} 7x - 8 = -1 \\ \text{και} \\ 6y - 1 = -7 \end{array} \right\} \Rightarrow \left. \begin{array}{l} 7x = -1 + 8 \\ 6y = -7 + 1 \end{array} \right\} \Rightarrow \left. \begin{array}{l} 7x = 7 \\ 6y = -6 \end{array} \right\} \Rightarrow \left. \begin{array}{l} x = 1 \\ y = -1 \end{array} \right\}$$