

$$\textcircled{1} \begin{cases} 3x - 2y = 7 \\ 5x + 4y = 1 \end{cases}$$

ΜΕΤΗ (Με $y \in \mathbb{R}$ ο Αντιθέτως συντελεστής)

$$\textcircled{2} \begin{cases} 3x - 2y = 7 \\ 5x + 4y = 1 \end{cases} \quad \begin{array}{l} \parallel -2 \\ \parallel \end{array} \begin{array}{l} 6x - 4y = 14 \\ + 5x + 4y = 1 \end{array}$$

$$11x = 15 \Rightarrow x = \frac{15}{11}$$

$$\text{Από } 3x - 2y = 7 \Rightarrow 3 \cdot \frac{15}{11} - 2y = 7 \Rightarrow \cancel{11} \cdot 3 \frac{15}{11} - 11 \cdot 2y = 11 \cdot 7 \Rightarrow 45 - 22y = 77$$

$$\Rightarrow -22y = 77 - 45 \Rightarrow -22y = 32 \Rightarrow y = -\frac{32}{22} \Rightarrow y = -\frac{16}{11}$$

$$A \left(\frac{15}{11}, -\frac{16}{11} \right)$$