

$$\begin{cases} 4x - 3y = 12 & (\cdot 3) \\ 3x - 4y = 30 & (\cdot -4) \end{cases} \quad \begin{cases} 12x - 9y = 36 \\ -12x + 16y = -120 \end{cases}$$

$$\begin{array}{r} + \quad 12x - 9y = 36 \\ -12x + 16y = -120 \\ \hline \end{array}$$

$$7y = -84$$

$$y = -84 : 7$$

$$y = -12$$

$$y = -12, \text{ to } 4x - 3(-12) = 12$$

$$4x + 36 = 12$$

$$4x = 12 - 36$$

$$4x = -24$$

$$x = -6$$

$$\text{Answer: } (-6; -12)$$