

# Pré-Quiz 12

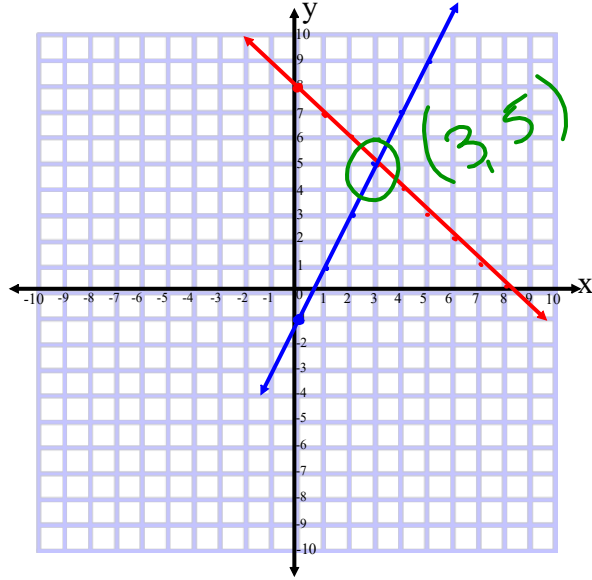
Utilise les 3 stratégies:

$$y = 8 - \underset{-1}{x} \quad \underline{-2x} + y = \overset{-1}{-1}$$

1. Graphique

$$y = 8 - x$$

$$y = \frac{2}{1}x - 1$$



2. Élimination

$$y = 8 - x \xrightarrow{+x} x + y = 8 \quad x(-1) \quad \boxed{-x - y = -8}$$

$$\boxed{-2x + y = -1}$$

$$\begin{array}{r} -3x = -9 \\ \underline{-3} \quad \underline{-3} \end{array}$$

$$\boxed{x = 3}$$

$$y = 8 - x$$

$$y = 8 - 3$$

$$\boxed{y = 5}$$

$$(3, 5)$$

3. Substitution

$$y = \boxed{8 - x}$$

$$-2x + y = -1 \quad \cdot 8$$

$$-2x + 8 - x = -1$$

$$\begin{array}{r} -3x = -9 \\ \underline{-3} \quad \underline{-3} \end{array}$$

$$\boxed{x = 3}$$

$$(3, 5)$$

$$y = 8 - x$$

$$y = 8 - 3$$

$$\boxed{y = 5}$$