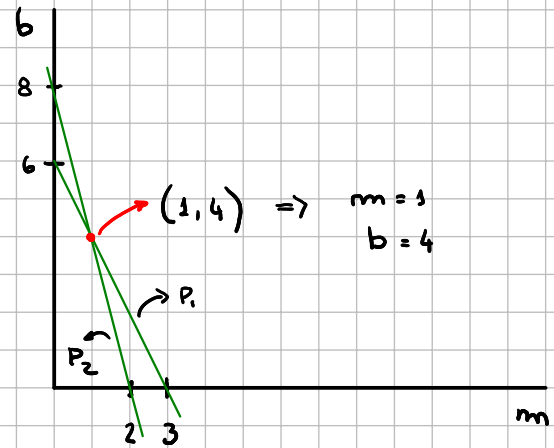
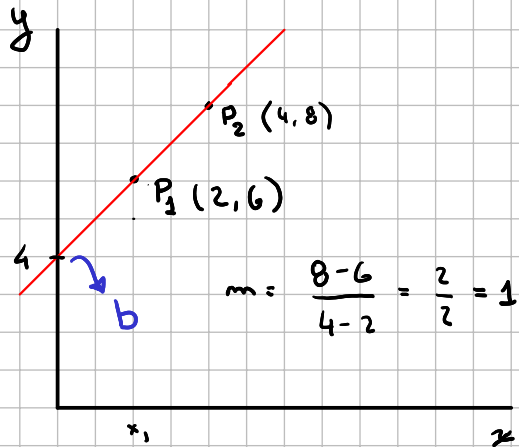


# Ejemplo numérico



$$y = mx + b$$



$$b = -xm + y$$

$$P_1 (x_1, y_1) = (2, 6)$$



$$b = -2m + 6 \quad P_1$$

$$P_2 (x_2, y_2) = (4, 8)$$



$$b = -4m + 8 \quad P_2$$

$$b = -xm + y \rightarrow xm + b = y \rightarrow \frac{m}{\frac{1}{x}} + b = y \rightarrow \frac{\frac{m}{y/x}}{\alpha} + \frac{b}{\beta} = 1$$

$$\frac{m}{\alpha} + \frac{b}{\beta} = 1 \quad \alpha = y_k/x_k \quad \beta = y_k$$

$$P_1 \rightarrow \alpha = 6/2 \quad \beta = 6$$

$$\alpha = 3 \quad \beta = 6$$

$$P_2 \rightarrow \alpha = 8/4 \quad \beta = 8$$

$$\alpha = 2 \quad \beta = 8$$

$$P_1 \rightarrow \frac{m}{3} + \frac{b}{6} = 1$$

$$P_2 \rightarrow \frac{m}{2} + \frac{b}{8} = 1$$