

$$\begin{array}{r} 2x + y = 5 \\ -2x \quad -2x \\ \hline y = -2x + 5 \end{array}$$

← Intercept form

← Slope - Intercept

$$3x + 2y = 8$$

$$\begin{array}{l} y=0 \\ (8/3, 0) \end{array} \quad \begin{array}{l} \frac{3x}{3} = \frac{8}{3} \\ x = 8/3 \end{array}$$

$$\begin{array}{l} x=0 \\ (0, 4) \end{array} \quad \begin{array}{l} \frac{2y}{2} = \frac{8}{2} \\ y = 4 \end{array}$$

$$\begin{array}{r} 3x + 2y = 8 \\ -3x \qquad -3x \\ \hline 2y = \frac{-3x + 8}{2} \end{array}$$

$$y = -\frac{3}{2}x + 4$$

$$m = -\frac{3}{2}$$

$$b = (0, 4)$$

$$\begin{array}{r} 2x - 3y = 12 \\ -2x \qquad \qquad -2x \\ \hline -3y = \frac{-2x}{-3} + \frac{12}{-3} \\ \hline y = \frac{2}{3}x - 4 \end{array}$$

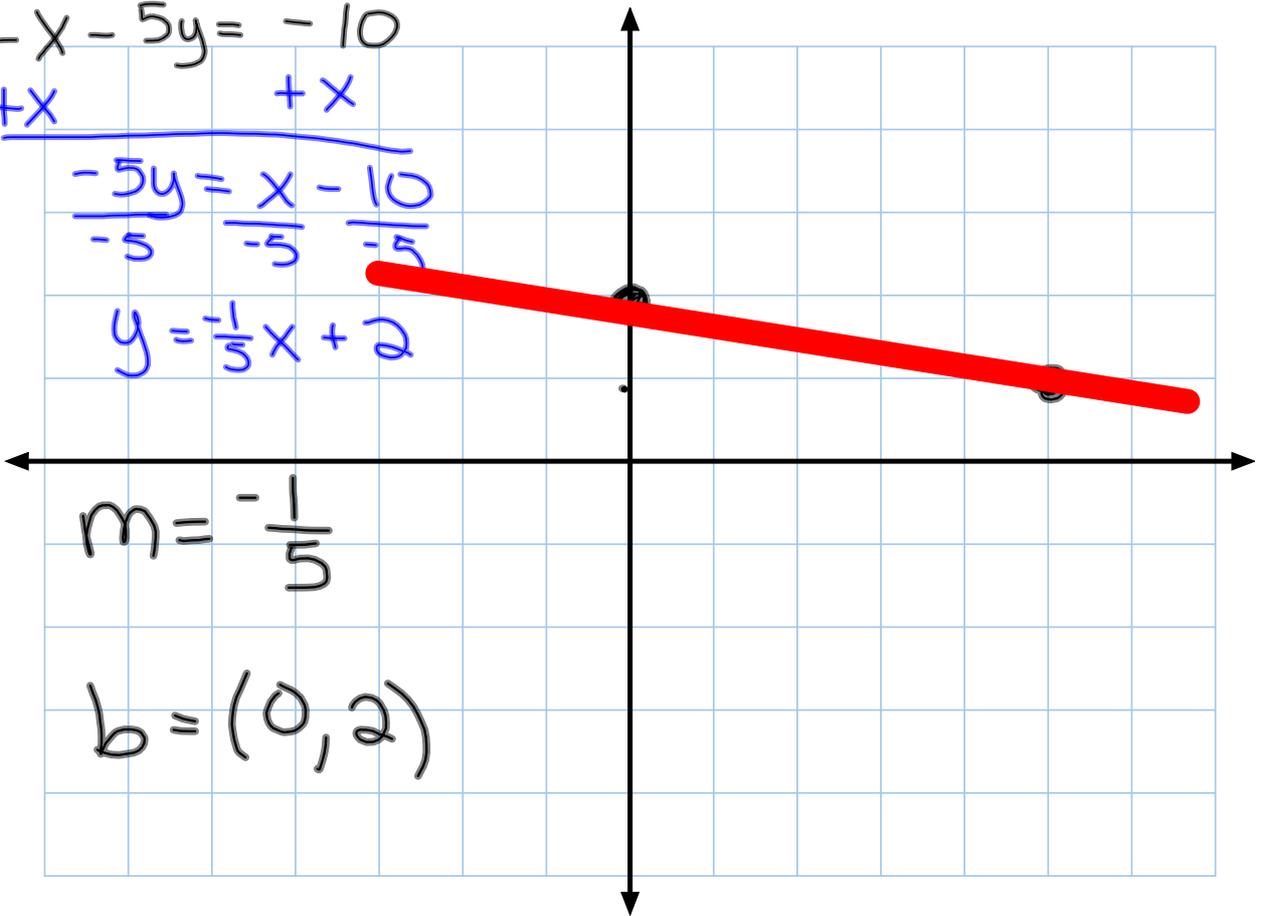
$$-x - 5y = -10$$

+x

+x

$$\frac{-5y}{-5} = \frac{x - 10}{-5}$$

$$y = -\frac{1}{5}x + 2$$



$$m = -\frac{1}{5}$$

$$b = (0, 2)$$