

$$y = mx + b$$

$m = \text{slope}$

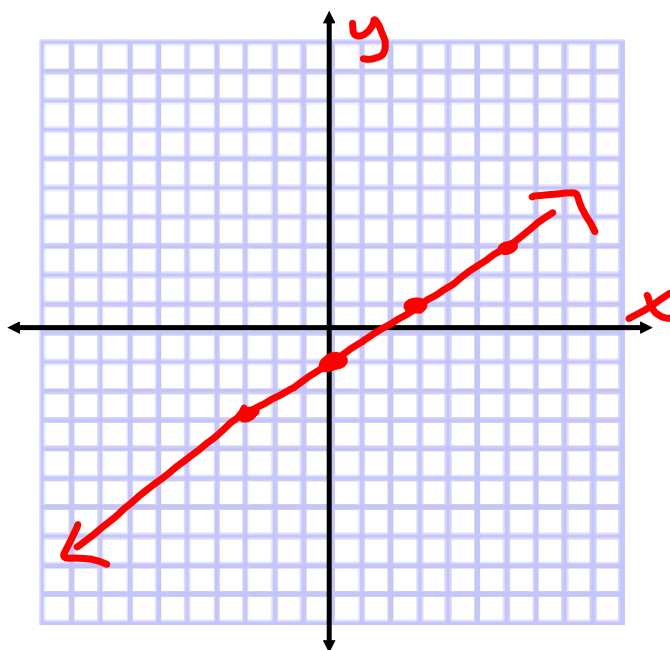
$b = \text{y-intercept}$

$$\text{slope} = \frac{\text{rise}}{\text{run}} = \frac{y_2 - y_1}{x_2 - x_1}$$

$$y = \frac{2}{3}x - 1$$

$$b = -1$$

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



$$x - 3y = 12$$

-x

-x

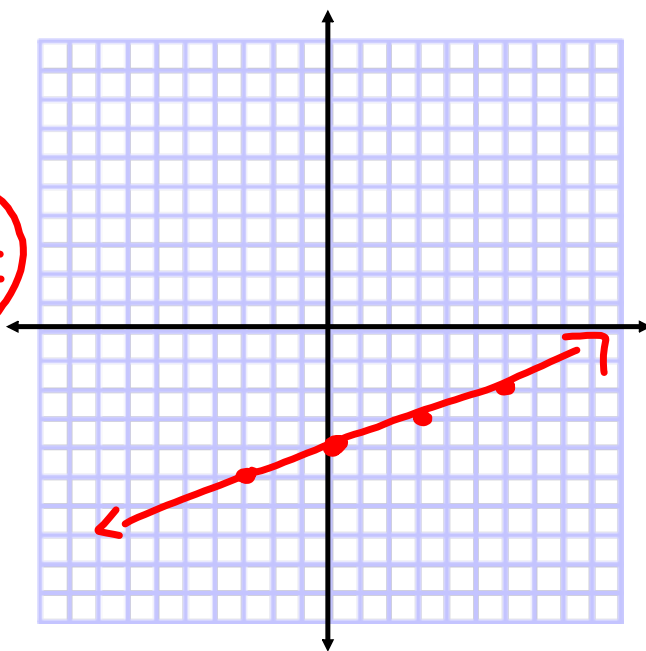
$$\frac{-3y}{-3} = \frac{-x + 12}{-3}$$

$$y = \frac{1}{3}x - 4$$

$$m = \frac{1}{3}$$

$$b = -4$$

D - - 7 U



$$x = 4$$

$$y = -2$$

