

Solving for y .

$$\textcircled{1} \quad 2x - 4y = 8 \rightarrow y = mx + b$$

$$\begin{array}{r} -2x \quad | \quad -2x \\ \hline 0 \end{array}$$

$$\frac{-4y}{-4} = \frac{-2x + 8}{-4}$$

$$y = \frac{-2x}{-4} + \frac{8}{-4}$$

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

$\textcircled{2}$

$$2x + 8y = -64$$

$$\begin{array}{r} -2x \quad | \quad -2x \\ \hline 0 \end{array}$$

$$\frac{8y}{8} = \frac{-2x - 64}{8}$$

$$\boxed{y = -\frac{1}{4}x - 8}$$

3)

$$-2x + 4y = 8$$

$$+2x$$

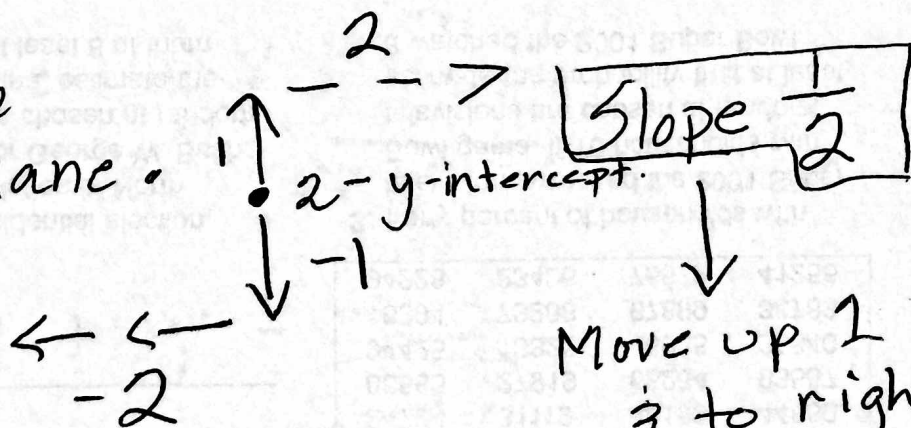
$$+2x$$

$$\frac{4y}{4} = \frac{2x + 8}{4}$$

$$y = \frac{2x}{4} + \frac{8}{4}$$

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

Moving on the
Coordinate plane.



Move up 1
 $\frac{1}{2}$ to right 2

OR

Move down 1
 $\frac{1}{2}$ to left 2