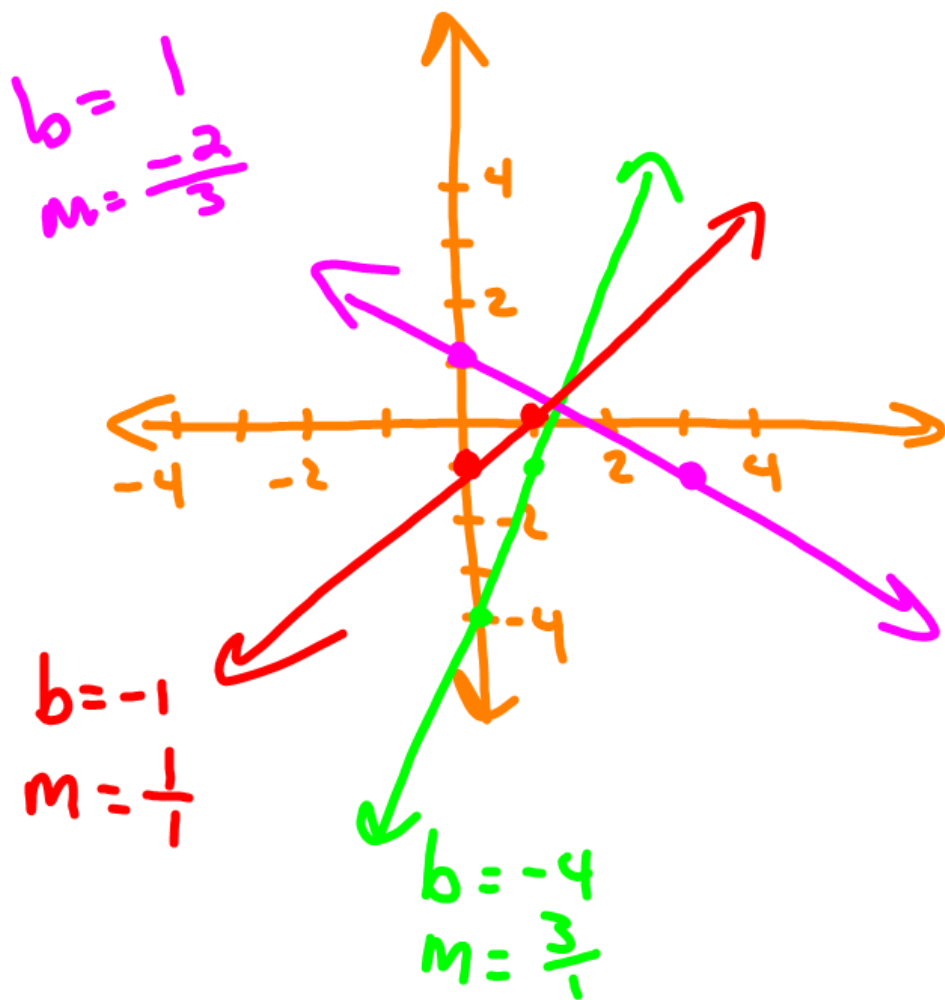


2.3 Graphs of Equations

- Slope-Intercept Form



$$y = \frac{1}{1}x - 1 \quad \leftarrow \begin{array}{l} \text{Start} \\ \text{up 1} \end{array}$$

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

$$y = 3x - 4 \quad \begin{array}{l} \text{up 3} \\ \text{right 1} \end{array}$$

$$* y = mx + b$$

$b = y$ -intercept
Start pt on y -axis

$m =$ Slope
directions to next

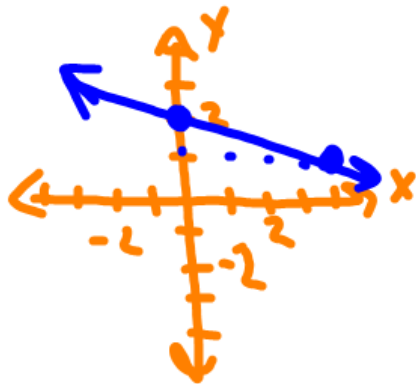
Graph

① $Y = -\frac{1}{4}x + 2$

Start @ 2

go $\frac{\downarrow 1}{\rightarrow 4}$ or $\frac{\uparrow 1}{\leftarrow 4}$

Slope = $-\frac{1}{4}$ or $-\frac{1}{4}$



② $Y = 2x - 3$

Start @ -3 on y

go $\frac{\uparrow 2}{\rightarrow 1}$ to next

