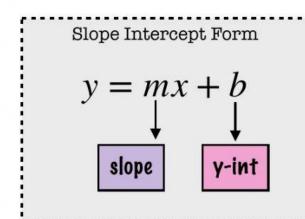
Graphing Linear Equations

To graph linear equations, make sure your equation is in slope-intercept form



slope - v

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

y-intercept

Where line crosses the y axis (0,b)

	STEP	S		
1. Plot the	at the		Using slope	
r. Flot the	 :	Postive	Negative	
2. Use the	to :	up ← r	down down	
plot more points		right	right right	

Other things to keep in mind:

Oh No! You ran out of Graph, now what?

- 1. Don't panic
- 2. Go back to the _____
- 3. Go in the _____ directions for slope Positive: down and left Negative: up and left

Not sure what the slope or y-int is?

$$y = x + 8 \rightarrow y = \frac{1}{1}x + 8$$

$$y = 2x \rightarrow y = \frac{2}{1}x + 0$$

Graphing Linear Equations

