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## Graphing Lines

Slope-Intercept Form

$$y = mx + b$$

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

Start at  $b$  - (the  $y$ -intercept)

Plot points using

$$m = -\frac{2}{3} = \frac{\text{down } 2}{\text{right } 3}$$

$$\text{or } \frac{2}{3} = \frac{\text{up } 2}{\text{left } 3}$$

Standard Form

$$3x + 2y = 12$$

Make a "little  
tiny table"

x	y
0	6
4	0

