• Slope Intercept Form of a Line

$$y = mx + b$$

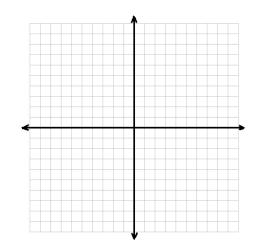
• Slope

horizontal lines

vertical lines

Average rate of change

$$3x-4y=-8$$



Point-slope form of a line

Given a point and a slope graph the line and come up with the equation of the line

$$(-1, 6) \ m = \frac{5}{2}$$

$$(-2, -5)$$
 $m = -3$

REMEMBER!!!

$$1x = x$$
 *** slope is 1!

$$-\frac{a}{b} = \frac{-a}{b} = \frac{a}{-b}$$
