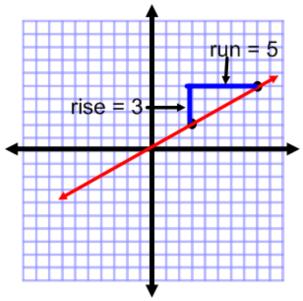
## Slope= <u>rise</u> run

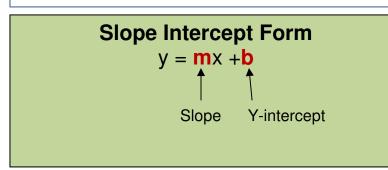
- Calculate the slope by choosing two points on the line.
- Count the rise (how far up or down to get to the next point?) This is the numerator.
- Count the run (how far left or right to get to the next point?) This is the denominator.
- •Write the slope as a fraction.



## Slope = 3/5

\*\* Read the graph from left to right. If the line is **falling**, then the slope is **negative**. If the line is **rising**, the slope is **positive**.

\*\*When counting the rise and run, if you count **down** or **left**, then the number is **negative**. If you count **up** or **right**, the number is **positive**.

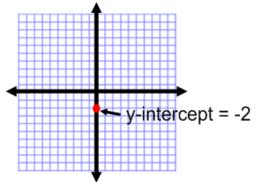




**1.** Identify the slope and y-intercept in the equation.

y = 3x -2 Slope Y-intercept

2. Plot the y-intercept on the graph.



**3.** From the y-intercept, count the rise and run for the slope. Plot the second point.

