

To Graph a Line Using the Slope-Intercept Method

1. Find the slope and y-intercept by writing the equation in slope-intercept form: $y = mx + b$

the slope is $m =$ (rise over run)

the y-intercept is $(0, \quad)$

2. Plot the y-intercept on the graph and label it with its ordered pair.

3. Use the slope to find another point on the line (rise and run from the y-intercept you already plotted on the graph). Label it with its ordered pair.

4. Draw the straight line through the points, all the way to the edges of the graph, with an arrow at each end.

