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| Math Lab | **Guided Notes: Graph an equation in slope-intercept form** |
| Objective: Students will be able to Graph an equation in slope-intercept form (A4.1) | |

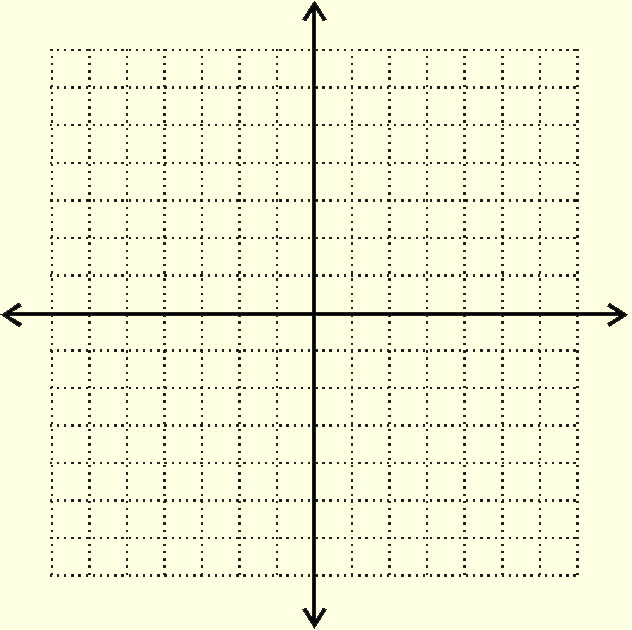
**What is slope-intercept form?**

m🡪 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ b🡪\_\_\_\_\_\_\_\_\_\_\_

**Graphing in slope-intercept form:**

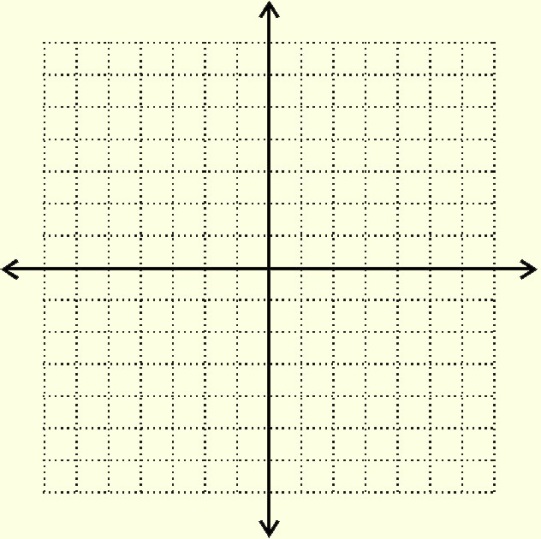
1. Plot the y-intercept (b) as a point on the y-axis.
2. Plot additional points by using the slope (m)
3. Connect the points with a line

**Example 1:**



y-intercept = \_\_\_\_\_\_\_\_\_\_\_\_

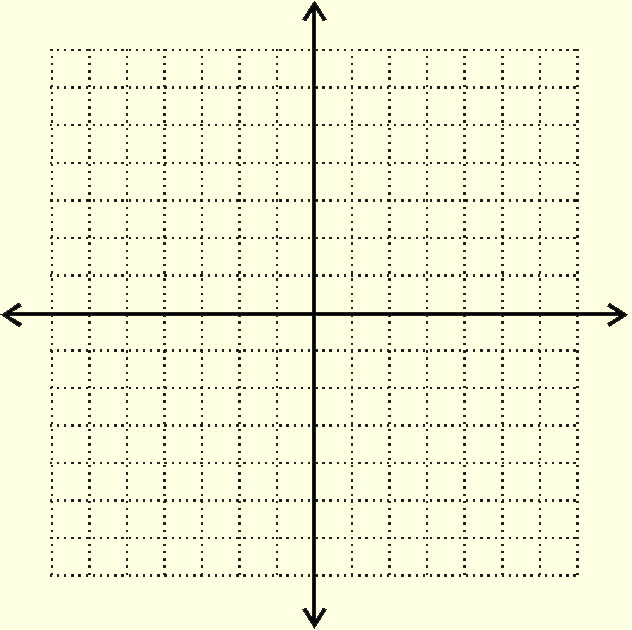
slope = \_\_\_\_\_\_\_\_\_\_\_

**Example 2:**

y-intercept = \_\_\_\_\_\_\_\_\_\_\_\_

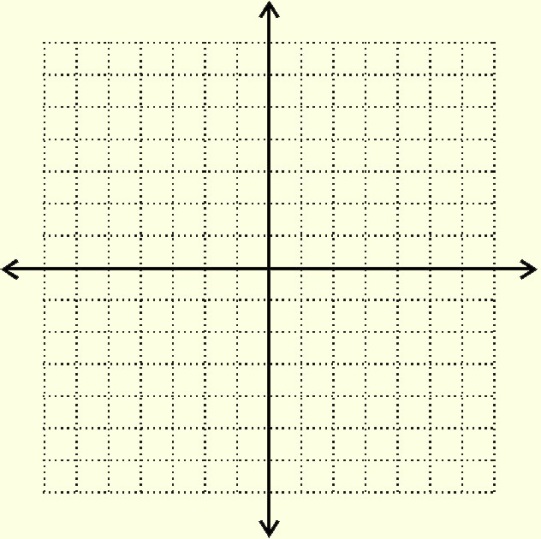
slope = \_\_\_\_\_\_\_\_\_\_\_

**Example 3:**



y-intercept = \_\_\_\_\_\_\_\_\_\_\_\_

slope = \_\_\_\_\_\_\_\_\_\_\_

**Example 4:**

y-intercept = \_\_\_\_\_\_\_\_\_\_\_\_

slope = \_\_\_\_\_\_\_\_\_\_\_