

Graphing Lines in Point-Slope Form

Given a linear equation in point slope form, $y = m(x - x_1) + y_1$, a complete graph includes:

1. Identify the _____ and _____.

This is your _____ for the graph you are drawing.

2. Completely label the graph with _____ and label the _____.

3. Plot the _____.

4. Use the _____ to plot at least _____ point.

5. Use a _____ to draw the line. Be sure to draw _____.

Graph each line. Identify the slope and point. Completely label the graph.

1. $y = -2(x - 5) + 3$

2. $y = \frac{1}{2}(x + 3) - 1$

3. $y = -\frac{4}{3}(x + 1) + 6$

