

Point-Slope Form of a Linear Function

Point-Slope Form of a Linear Equation

Formula: Point-Slope Form

$$y - y_1 = m(x - x_1)$$

where m is the slope and (x_1, y_1) is a point on the line

Steps to Graph a Linear Equation Using a Point and Slope

Step 1:

Step 2:

Step 3:

Practice: Complete the practice problem(s) in the space below. Be sure to check your work.

Point-Slope Form from Written Descriptions

Steps to Write a Linear Equation in Point-Slope Form

Step 1:

Step 2:

Practice: Complete the practice problem(s) in the space below. Be sure to check your work.

Point-Slope Form from Graphs and Tables

Steps to Write a Linear Equation in Point-Slope Form

Step 1:

Step 2:

Practice: Complete the practice problem(s) in the space below. Be sure to check your work.

Please use additional paper as needed to complete the Self-Check. You may also choose to print the lesson's Sum It Up page.