HOW TO USE DESMOS

Creating a Graph

1. Navigate to www.desmos.com/calculator.
2. Click on the **+** (plus button) in the top left corner of the left-side panel.
3. Select the "Table" option from the menu that drops down. The top row of the table is your variable header.
4. Name your **X** and **Y** variables with a one-word (no spaces) subscript: $X_{variable}$ **or** $Y_{variable}$. You *must* keep the **X** and **Y** or Desmos will not recognize the data.
   a. To make a subscript, click to the right of the letter X or Y in your variable header.
   b. Press **shift** and **minus (-)** at the same time and then type your variable name.

5. To add a new **Y variable,**
   a. With your cursor in the variable header, click **Tab** on the keyboard. *Or, C*lick in the blank box to the *right* of the current variable header.
   b. Type **Y** to add a new variable. Don't forget to name it using a subscript.
      i. Click to the right of the **Y** in your variable header.
      ii. Press **shift** and **minus (-)** at the same time and then type your variable name.
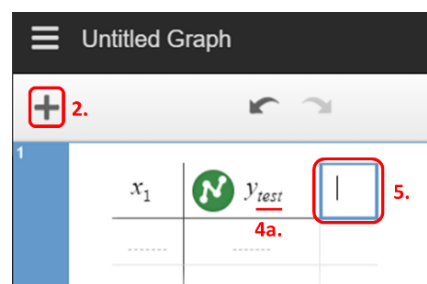
Editing Graph Appearance

Data Points and Lines

1. To make changes to the look of your data on the graph, left click and hold (left long click) the colored circle next to your variable name. A menu will pop up.
2. **Points** changes the shape of your data points; **Color** changes the variable color; **Lines** connects your data points and allows you to change the line shape (solid, dashed, dotted).
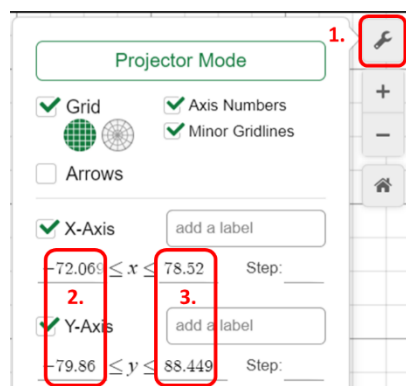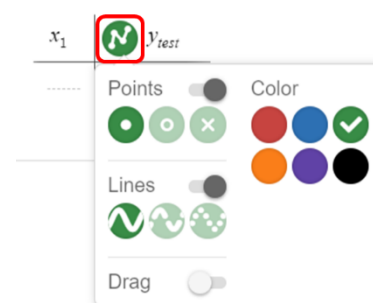
Scale of the Graph

1. Click on the **wrench** icon in the upper right corner of the graph area. This opens an options menu.
2. For each axis, change the minimum value to -1 or 0.
3. For each axis, change the maximum value to something greater than your largest data value.