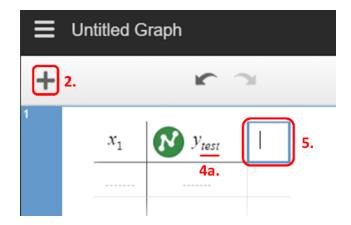
### **USING DESMOS**

### **Create a Graph**

- 1. Go to <a href="www.desmos.com/calculator">www.desmos.com/calculator</a>.
- 2. Click + (plus) at the top of the left panel.
- 3. Select "Table" from the menu. 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<sub>variable</sub> or Y<sub>variable</sub>. 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 enter your variable name.
- 5. To add a new Y variable,
  - a. With your cursor in the variable header, press **Tab**. Or, Click in the blank box to the right of the current variable header.
  - b. Enter **Y** to add a new variable. Don't forget to name your variable using a subscript.
    - i. Click to the right of the  ${\bf Y}$  in your variable header.
    - ii. Press **shift** and **minus** (-) at the same time, and then type your variable name.

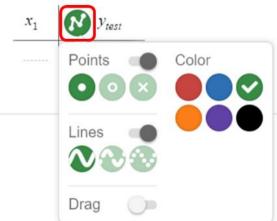


# **Edit Graph Appearance**

### **Data Points and Lines**

To make changes to the look of your data on the graph, click and hold within the circle next to your variable name. A menu appears with the following options:

- **Points** changes the shape of your data points.
- Color changes the variable color.
- Lines connects your data points and changes the line type (solid, dashed, or dotted).



## **Graph Scale**

- Click the wrench icon in the upper-right corner of the graph area. The Options menu opens.
- 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.

