**Using Desmos**

# Create a Graph

1. Go to [www.desmos.com/calculator](http://www.desmos.com/calculator).
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: *Xvariable***or** *Yvariable.* You *must* keep the **X** and **Y** or Desmos will not recognize the data.
	1. To make a subscript, click to the right of the letter X or Y in your variable header.
	2. Press **shift** and **minus (-)** at the same time, and then enter your variable name.
5. To add a new **Y variable,**
	1. With your cursor in the variable header, press **Tab**. Or, Click in the blank box to the rightof the current variable header.
	2. Enter **Y** to add a new variable. Don’t forget to name your variable using a subscript.
		1. Click to the right of the **Y** in your variable header.
		2. 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

1. **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.