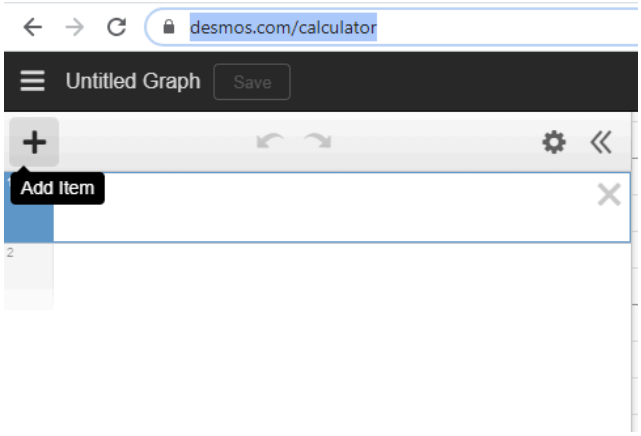
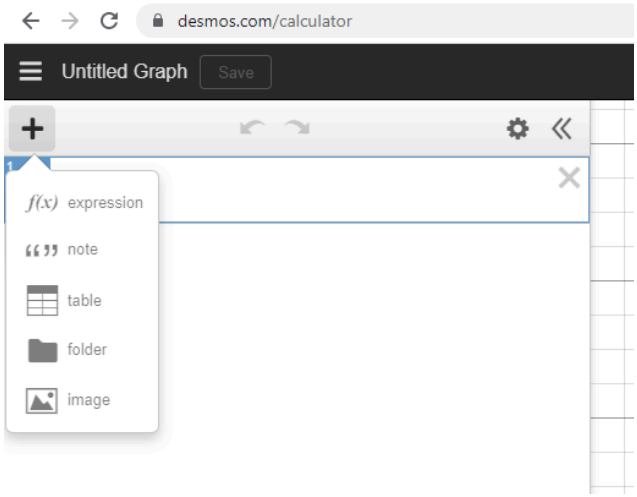
Go to Desmos Graphing calculator online.

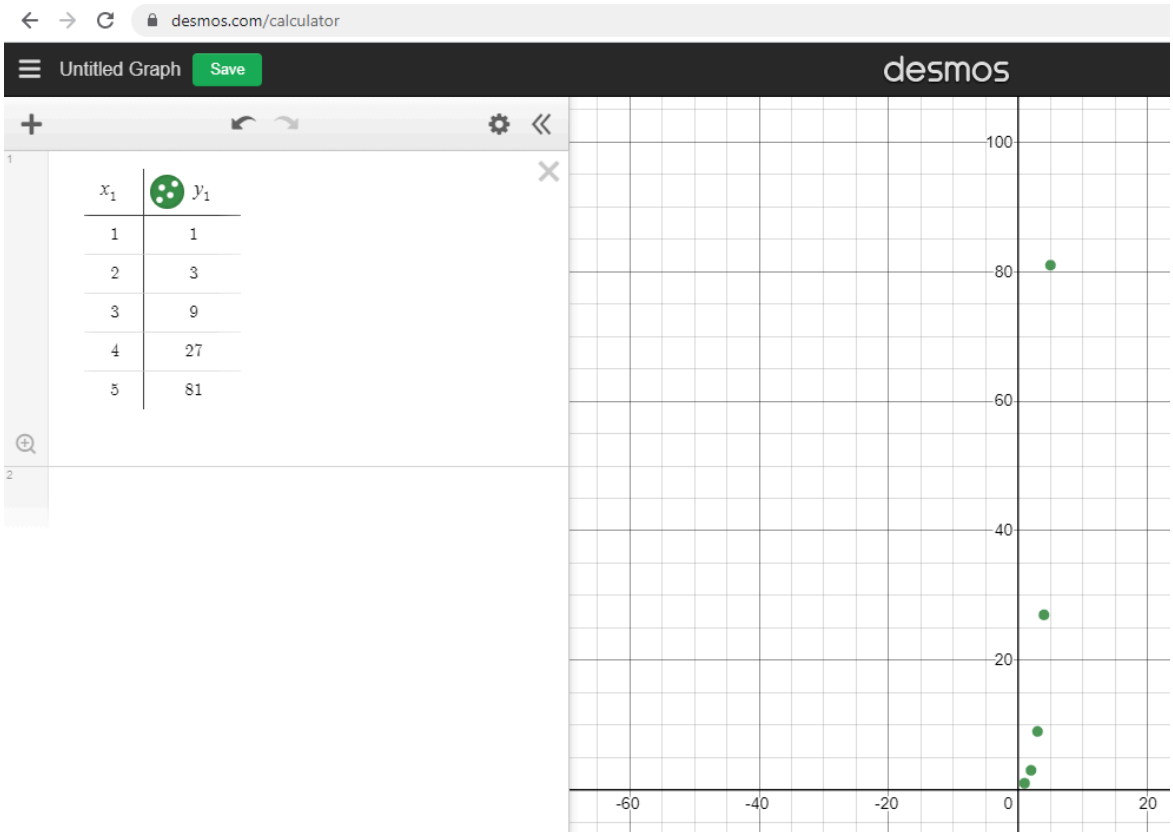
1. Go to upper left side of screen where the “+” sign is. Click the “+” sign and add a table.



2. Click the “+” sign and add a table.

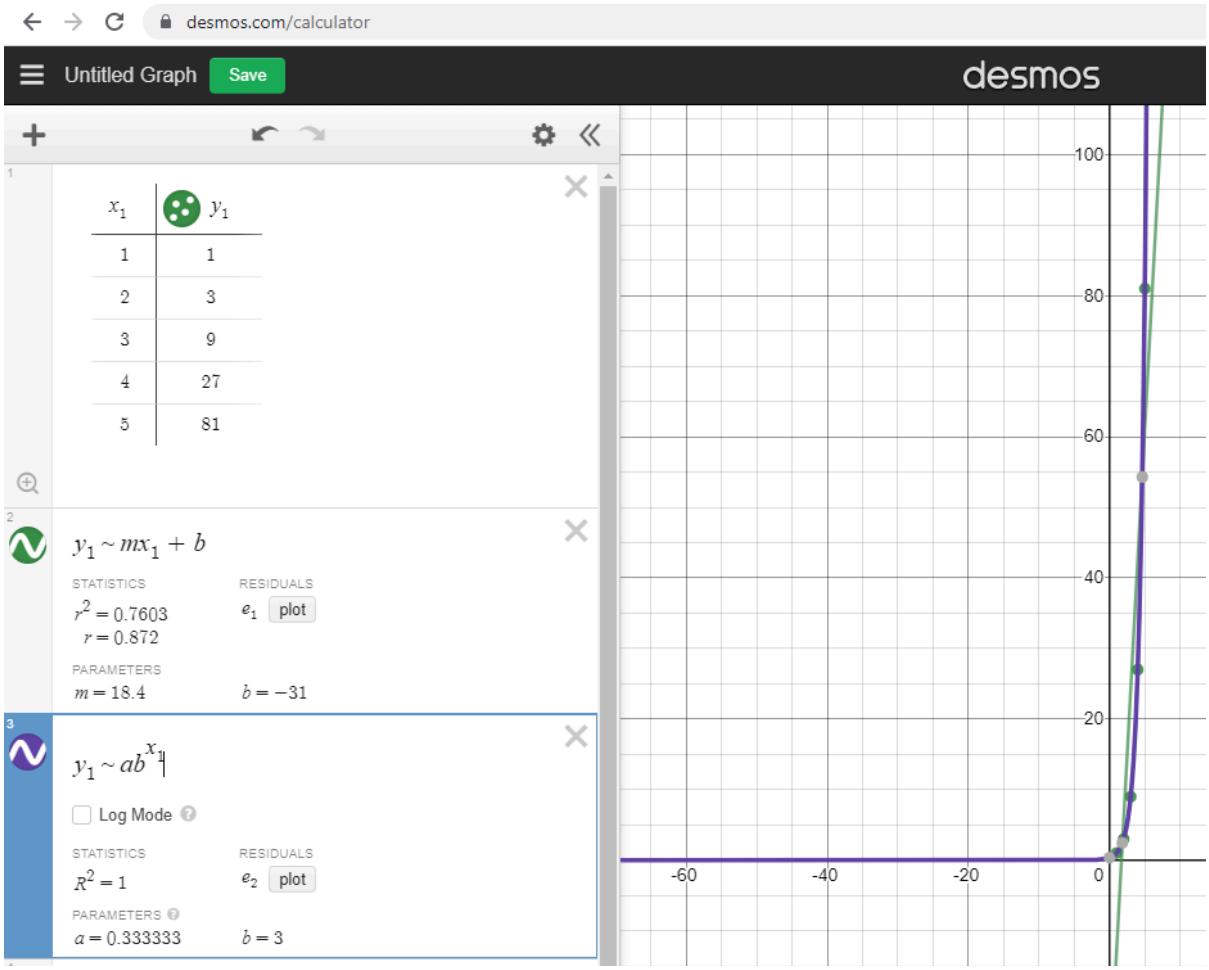


3. In the x_1 column, type in your *Pesticide Spraying Number* data. In the y_1 column, type in your *Number of Light Insects*. As you type in the data, you should see all five points on the graph. If you don’t, you might want to click the zoom in (or out) on your graph until you can see them all. **Ignore my data, it is for example only. It is not correct!**



4. Now copy and paste the two formulas below into Desmos. The first programming line Desmos will recognize as a linear model, and the second programming line Desmos will recognize as exponential.
   y_{1}\sim mx_{1}\ +\ b

   y_{1}\sim ab^{x_{1}}



5. Now it is up to you to investigate your models and see which one might better fit your data. Please remember to finish the directions on the HyperDoc, and turn in the required work.