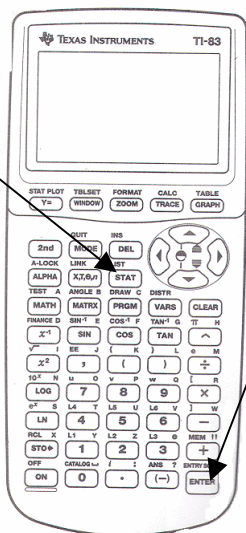


Scatter Plots on the TI-83/TI-84

Scatter plots are used to visualize data, usually given in a table. The steps below show you how to plot a Scatter plot on your calculator.

1. Push the STAT key and select Edit from the menu and push ENTER



2. In the L1 column, enter in the x -values (or input values) from your table. In the L2 column, enter in the y -values (or output values) from your table.
3. Now, you want to adjust your window. To do this, push the WINDOW key and follow the instructions below

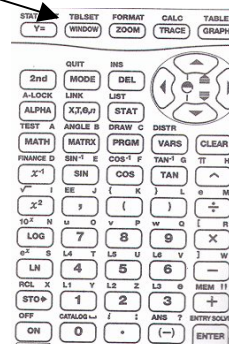
Xmin: Pick a value that is slightly less than the smallest x -value from your table

Xmax: Pick a value that is slightly more than the largest x -value from your table

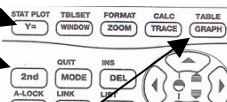
Ymin: Pick a value that is slightly less than the smallest y -value from your table

Ymax: Pick a value that is slightly more than the largest x -value from your table

Xscl and Yscl are used to determine how often you want the axis marks to show up. I usually just leave them at 1.



4. After you are happy with your window, the scatter plot needs to be turned on. This is done by pushing 2ND, then Y=



5. Select Plot 1, push ENTER, select On and make sure Xlist says L1 and Ylist says L2. When this is done, push GRAPH. You should be able to see your scatter plot on the screen.