TI83 and TI84 Help Sheet #1

Graphing a Function:
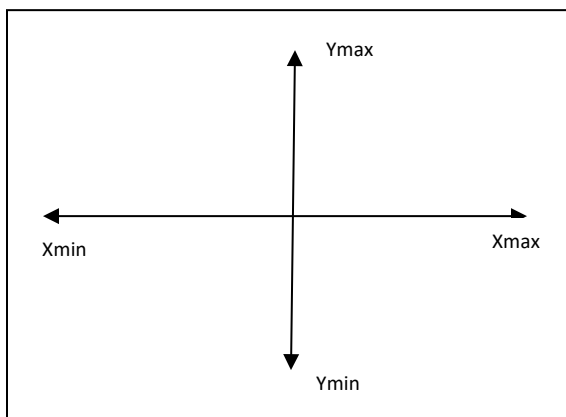
Step 1: Entering the function.

| Y= | Enter your function using the | X,T,Θ,n | key for your variable.

Step 2: Setting your window

Option #1: | ZOOM | Choose the Option **6: ZStandard**

Option #2: | Window | Set your x and y values to create the desired window. | Graph |

Ymax

Xmin   Xmax

Ymin

Note:
Xscl and Yscl
will only change
where the tally marks
are on your graph.
Don't worry about
them!!

Given an X-value, how do we find the Y-value?

Note: Your X-value must be in your "window."

| 2nd | | CALC | "Calc" is the option above the "Trace" Key

Choose Option **1: value** and then enter your x-value.

Given a Y-value, how do we find the X-value?

| Y= | Keep your function in Y1.   Enter your Y-Value in Y2.

| Graph | You should be looking at the intersection of your function and a horizontal line.

If not, adjust your | Window | so you can see the intersection on your screen.

| 2nd | | CALC | "Calc" is the option above the "Trace" Key

Choose Option **5: intersect.**   You will need to hit enter multiple times. ☺