



How To Graph a Line (or any function)

Many of us go out to the store and buy a graphing calculator, then when we get home, we wonder what next? The purpose of these tutorials is the answer that question!

Step 1) Press the **Y=** button that is on the **top left** of the TI calculator.

You will then see a screen that looks something like the calculator screen on the right

Plot1 Plot2 Plot3

\ Y1=

\ Y2=

\ Y3=

\ Y4=

\ Y5=

\ Y6=

\ Y7=

Step 2) Enter the equation. To type a variable

like 'x' just press the **X,T, θ ,n**

Step 3) Press the **Graph** button and you should see the graph of your equation on the x-y plane.

Step 4) If you're equation is not on the screen, try the following: Press the **ZOOM** button then press **"ZoomFit"** or **"0"** (both do the same thing)

Step 5) Press enter, go to 'graph' to see the graph.

Step 6) Try using the **TRACE** button. Press this button while the line is displayed on the calculator's graph. What does the button do? Press the button. It's in that top row of buttons right under the display screen. Then use the arrow buttons to determine what this very useful button does.