

Graphing Calculator Hints

If the screen is dim, hit 2nd (top left) then Up Arrow. Doing this sequence several times makes it brighter. 2nd Down arrow dims the screen.

Clear Clears anything entered on that line (in y= mode) or the whole screen

Y= Allows you to enter equations (up to 7) which will then be graphed when you hit Graph.

Graph Graphs any and all equations entered in y= screen if the = sign in the equation is darkened.

- ◆ If the equal sign is regular, it will not graph.
- ◆ To change the equal sign to darkened, put blinking cursor over the = and hit the Enter key.

Other reasons your graph does not display:

- If your axes will still not show, hit 2nd Zoom. Arrow your cursor down to Axes On/Axes Off line and hit Enter. AxesOn should now be darkened.
- Stat Plot may be set. To clear Stat Plot:
 - Go to y= screen,
 - If the Plot1, Plot2, or Plot3 is highlighted (top line on screen), move your cursor to it using your Up and Right/Left Arrow keys.
 - Hit the Enter key while on it to change it. (It should now appear un-highlighted when you move the cursor away from it.)

Zoom Choose 6 (Standard) to show standard view of graph (around origin)

Trace Lets you move your cursor along the line (or other function). Shows you the (x,y) coordinate of the point you are on.

To move to a specific point on the graph,

- hit Trace, enter the x value(x coordinate)
- hit the Enter key
- the cursor will move to that point and show the y coordinate.

Window will let you set the *view* of the function.

- ◆ Xmin is leftmost value on x axis. X max is rightmost value on x axis that will appear on screen.
- ◆ Ymin is lowest value on y axis. Ymax is highest value on y axis.
- ◆ Yscl and Xscl is how often tick marks appear on the scale on the x and y axes. 10 means once every 10.
- ◆ Do not change Res value.

When entering equations (functions):

- Remember to use the x key 2nd row, k 2nd column from top on calculator.
- The Minus sign is in the right column; The negative sign is to the left of the Enter key

