**TI-83 and TI-84**

**8 line Display**: You can see the past 2 or 3 calculations on the screen. You do not need to clear the screen to start a new calculation.

 “**2nd**” (May be blue or yellow) button will access the items in blue. Example:   “**2nd**” ”**MODE**” will QUIT the screen you are on and go to the home screen.

 “**ALPHA**” (Green) button will access the green letters.

**Previous Entries**: To see previous equations hit the  “**2nd**”button on the top left of keypad. Then hit  . Repeat until you get the calculation you want. On some TI-84s, the arrow keys will also work.

**Menus**:  “**MODE**” brings up calculator settings.Default settings are the first item in each row.  “**MATH**” brings up fraction, cube, cube roots, etc. Use the arrow keys  to navigate or select number. Use  to select.

**Clearing and Editing:**

 **“CLEAR”:** Clears the entire screen.

 **“DEL”:** Deletes the character the cursor is on.

 **“2nd” “DEL”**: Brings up “**INS**” and Inserts a character in front of curser.

**Edit previous entries**: Use the arrow keys  to move to what you want to change. Default setting is to overwrite. Press  “**2nd**” then  “**DEL**” to insert. Press  to recalculate.

**Reset Defaults:**  **“2nd” “+”** anduse the arrows and enter or press 7 to select Reset. Select 1:All Ram, Select 2: Reset.

**Graphing Buttons:**

**Enter in equation:** Press  and type the equation. Use  “**X,T, ,n**”for the variable.

**Change the graphing window:** Press  . Set minimum x value, maximum, etc.

**Zoom: ** Select appropriate button to zoom in or out. To reset to normal window, select 6:Zstandard.

**Trace: ** Allows you to see coordinates on Graph.

**Calc:**   “**2nd**” “**TRACE**” – Brings up the “**CALC**” menu. Gives options to find minimum, maximum, or zeros. Select option, use arrow keys to make sure curser is on the left side of point of interest on graph – press enter, then use arrow keys to move to the right side of point of interest on graph – press enter, then enter again.

**Graph:** Will display graph.

**Table:**  **“2nd” “GRAPH”** brings up the “**TABLE**” with points on graph.

**Fractions:**

**To change a decimal to fraction:** Press  “**MATH**”, then use arrow keys to select “1:⯈Frac” to change into a fraction. Select “2:⯈Dec” to go back to decimal.