TI-83/TI-84 CALCULATOR TIPS

Finding the Min/Max of a Function:
1) Press **y=** then enter the function
2) Press **2ⁿᵈ** then **Calc**
3) Press **3** for Minimum or **4** for Maximum
4) The Minimum/Max has to be in the window to be calculated.
5) Left Bound - Scroll your cursor to the Left of the Minimum or Maximum you are trying to find then press **Enter**.
6) Right Bound – Scroll your cursor to the Right of the Minimum or Maximum you are trying to find then press **Enter**.
7) Guess – Press **Enter** and the Coordinates of the Minimum or Maximum will appear.

Reducing a Fraction to Lowest Terms:
1) Enter the fraction and press **Math**
2) Press **1** gives **frac**
3) Press **Enter** once then the reduced form of the fraction will appear if it can be reduced.

Finding the Factors of a Number:
1) Press **y =**
2) Enter **Number/x**
3) Press **2ⁿᵈ** then **Table**
4) The integers in the x column that have corresponding integers in the y column are factor pairs of the number.

Retrieving Previous Calculation:
1) Perform operation
2) Press **2ⁿᵈ** then **Ans**
3) The answer to the previous calculation will appear so one can perform another calculation without having to reenter it. This maintains the accuracy.

Calculating Factorial:
1) Enter the number for the factorial
2) Press **Math** and scroll over to **Prob**
3) Press **4** then **Enter** and the answer will appear

Checking an Answer or Storing a Value:
1) Type Number then press **Sto →** then **x** then **Enter.**
2) Type the Expression on the main screen then press **Enter** to see if it equals y.

Performing Repetitive Substitutions:
1) Press **y=** then enter the expression
2) Press **2ⁿᵈ TblSet→ ask** then **2ⁿᵈ Table**
3) Enter the values you want to use as input in to obtain the value that the expression equals.

Finding Zeros of a Function:
1) Press **y=** then enter the function
2) Press **2ⁿᵈ** then **Calc**
3) Press **2**
4) The Minimum/Max has to be in the window to be calculated.
5) Scroll to the Left of the Zero and press **Enter**
6) Scroll to the Right of the Zero and press **Enter**
7) Press **Enter** to Guess and the Coordinates of the Zero will appear.

Evaluating Roots Higher than 3:
1) Enter the index for the root
2) Press **Math** then **5**
3) Enter the number inside the radical
4) Press **Enter** and the number will appear

Calculating Permutation and Combination:
1) Enter the number of items to be chosen from
2) Press **Math** and scroll over to **Prob**
3) Press **2** for Permutation or **3** for Combination
4) Enter the number of items to be chosen
5) Press **Enter** and the number will appear