

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 then **Ans**
- 2) Press **2**
- 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

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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

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