TI-nspire Cheat Sheet

From the HOME menu you may choose to work in the Scratchpad Mode (this is quick and easy) by pushing (A) for Calculate or (B) for Graph.

Clearing History in the Calculate Screen (gets rid of past calculations)
Menu
1: Actions
5: Clear History

Switching between decimals and fractions
Depending how your calculator settings are set, when you perform an operation, you may get a decimal answer or a fraction answer. You can switch between the two by using the following commands:

Menu
2: Number
1: Convert to Decimal (Enter) or 2: Approximate to Fraction (Enter)

Enter a fraction
If a calculation uses fractions, you can type one in to the calculator and multiply, divide, add or subtract.

Find the key just to the right of the “9.” It is a formatting key.
Choose the first key (two stacked boxes)
Place your numerator in the top box and either TAB or CLICK down to the bottom box. Place the denominator here.
TAB over in order to type in an operation.

Deleting Past Graphs in the Graph screen and Resetting your Window
Home
B: Graph

Menu
1: Actions and 4: Window/Zoom
4: Delete All 5: Zoom - Standard

Graph a function
To ask the calculator to graph an equation, follow the steps below:

Home
B: Graph
Type in your equation/function. If it has a fraction (like slope), use the instructions above.
Enter
(If there is no place to enter your equation, click the double arrow button at the bottom left.)

OR

Menu:
3: Graph Type
1: Function
It is possible that you may not see your graph. If this is the case, we will need to change the WINDOW.

Menu
4: Window/Zoom
5: Zoom Standard (this will give you a basic window around the origin)
   OR
A: Zoom FIT (this will fit the window to the graph; this is not always what you want to see though)
   OR
1: Window Settings (you will then fill in the following with values that seem to fit the function you chose)
   Xmin:
   Xmax:
   Ymin:
   Ymax:

There are times we want to connect some pages/documents together. In this case, go to HOME and choose the document you want on the bottom of the screen.

Clear past Documents
Home
Select any icon along bottom
Use the NavPad and go to the X in the top right corner
   Click and select “No” when it asks “Do you want to save ‘Unsaved Document’?”

Linear Regressions (lines of best fit/trend lines) from Entered set of Data Points
From the HOME screen, choose Spreadsheet when you wish to enter data and run a linear regression.

Home
#4 Spreadsheet (4th along bottom)
Click on the top cell (A). You may type in the name of your variable – be sure there are no “quotes”. Do the same thing for the next cell (B).
Using the arrow keys, enter the data

To plot the data, go to HOME and choose #5: Data and Statistics.

Home
#5: Data and Statistics (5th along bottom) – this will add a new page that will “connect” to the first one.
Use the Nav Pad and go to the bottom where it says “Click to add variable.”
   Click on and choose your x-variable.
Use the Nav Pad and go to the left side where it says “Click to add variable.”
   Click on and choose your y-variable.

To run a linear regression and graph it with your data:

Menu
4: Analyze
6: Regression
1: Show Linear – this will both graph your line of best fit and give you the Function.