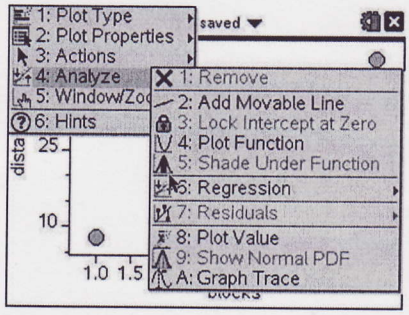
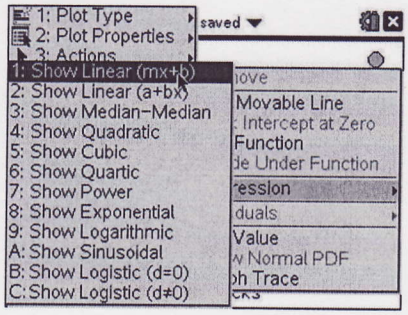
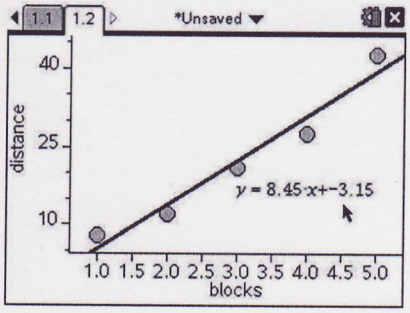
TI-Nspire Cheat Sheet

To find a linear regression (on the same page as your scatterplot):

Press (menu) then use the Touchpad to navigate to **4:Analyze**, then **6:Regression**, and finally **1:Show Linear (mx+b).** The screen shot on the right shows the line of regression.



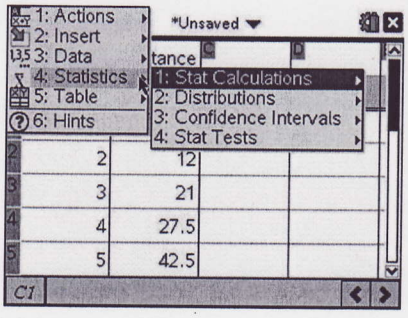


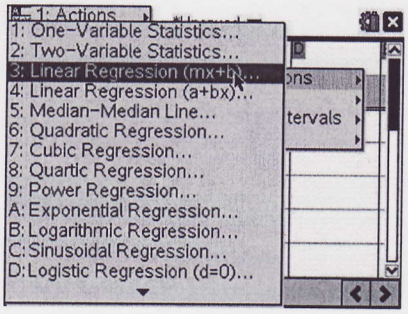


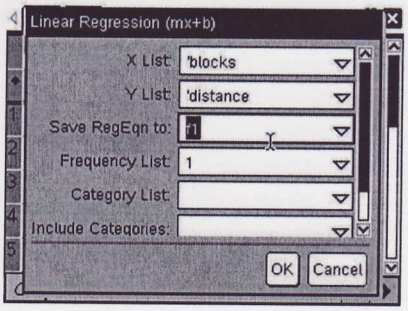
To find a linear regression (on the same page as your scatterplot):

Return to the list. Press (ctrl) and the left arrow of the Touchpad together. (this move backwards through the pages in the document)

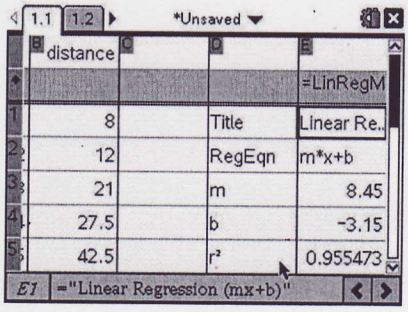
Press (menu) then use the Touchpad to navigate to **4:Statistics**, then **1:Stat Calculations**, and finally **3:Linear Regression (mx+b)**. In the box that pops up, choose the appropriate variables for X List and Y List. Choose where to save the Regression Equation.







The screen should now look like this:

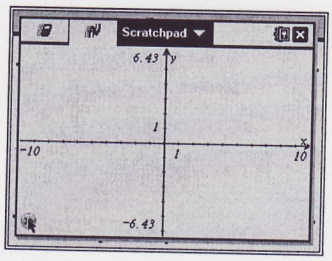


This graph will not appear on the scatterplot.

TI-Nspire Cheat Sheet

To close the current document:
Press (doc), then 1:File and 3:Close. The document can be saved at this time.

To graph the equation of a line:
There are two options.
For a quick graph that is will not be saved, select **B:Graph.** If the graph is to be saved, then create a new document or a new page in the current document.



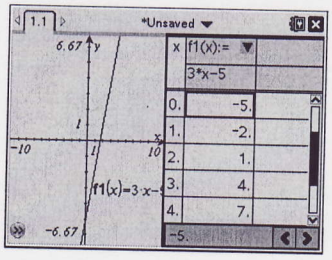
Navigate to the lower left corner and click on the **double arrows** to bring up an entry line.

Type in your equation and press **enter**.

To change the window:

To view the table of an equation (in split screen):
Press (menu) then use the Touchpad to navigate to **2:View**, then **5:Show Table** if the calculator is in scratchpad mode.

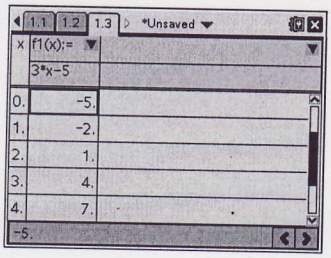
Press (menu) then use the Touchpad to navigate to **2:View**, then **9:Show Table** if the calculator is inside of a document.



To view the table of an equation (on a separate page):
Add a new page to your document.

Press (menu) then use the Touchpad to navigate to **4:Add Lists & Spreadsheets.**
Press (menu) again then navigate to **5:Table**, then **1:Switch to table** and hit **enter**.

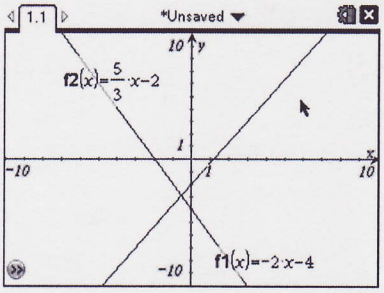
The screen will look like this:

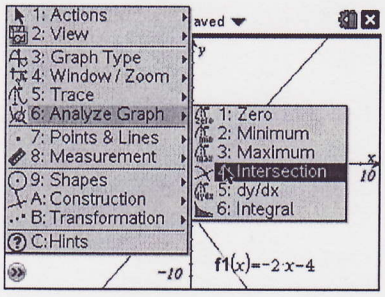


TI-Nspire Cheat Sheet

To find the intersection of two lines:

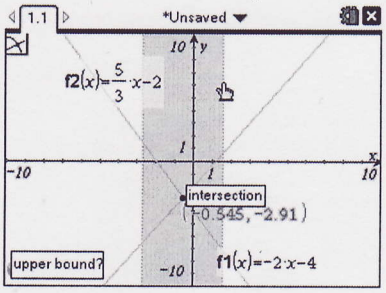
In the document or in Scratchpad, use the entry line to type in an equation for f1 and an equation for f2. It will look like the picture on the right.





Press (menu) then use the Touchpad to navigate to **6:Analyze Graph**, then **4:Intersection**.

Choose a lower bound and an upper bound.
The intersection point will be graphed as shown here.



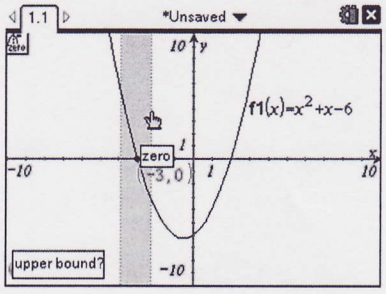
TI-Nspire Cheat Sheet

To find the maximum, minimum, or zeros of a quadratic function:

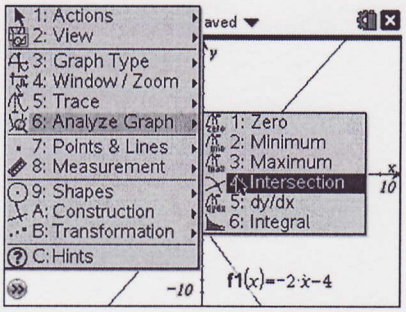
One way to do this is to enter the function in f1 and graph.

Press (menu) then use the Touchpad to navigate to **6:Analyze Graph**, then **1:Zero.**

Choose a lower bound and an upper bound. The zero will be displayed as shown.

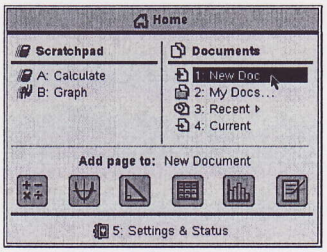


To find the maximum or the minimum of a graph, use the technique described above. Choose **2:Minimum** or **3:Maximum**

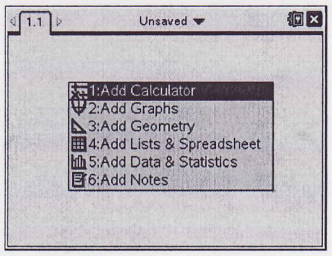


TI-Nspire Cheat Sheet

To create a new document:
While on the home (on) page, use the Touchpad to navigate to 1: New Doc and click.



You will then see this:

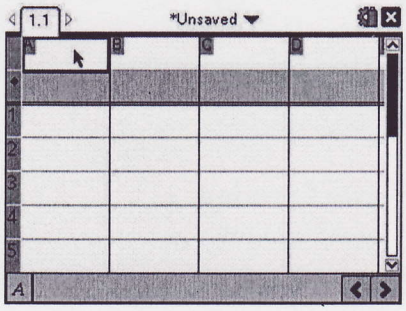


To add a new page to your document:
Press (ctrl) and then (doc).

To move to the next page in your document:
Press (ctrl) and the right arrow of the Touchpad together.

To move to the previous page in your document:
Press (ctrl) and the left arrow of the Touchpad together.

To input a table:
First create a new document.
Use the Touchpad to navigate to **4: Add Lists & Spreadsheets.** Click or hit enter to get the next screen.



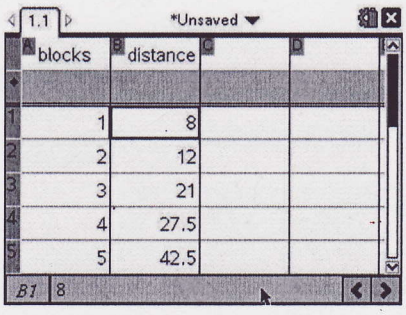
In the cell labeled A, type the name of the variable. (this can only be one word)

In the cell labeled B, type the name of another variable.

Do not type anything into the cells in the row with the diamond. This row is for typing formulas. (just like a spreadsheet program)

Enter data in the appropriate columns.

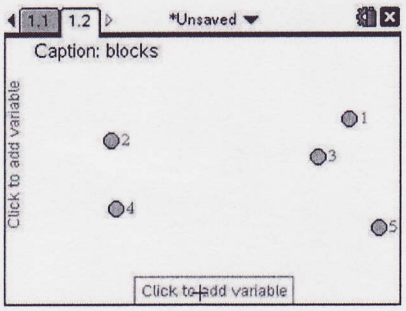
Now your lists should look something like this:



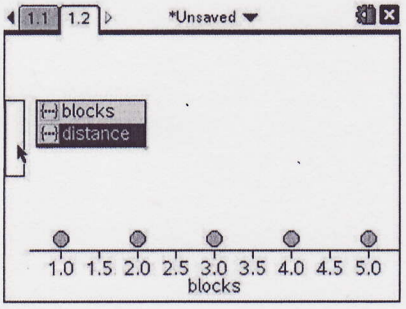
TI-Nspire Cheat Sheet

To create a scatterplot:

After you have entered the lists, press (ctrl) and then (doc). This will add a new page to your document.
Press (menu), then use the Touchpad to navigate to 5: Add Data & Statistics.
Your screen will look like this:



Use the Touchpad to navigate to the area at the bottom of the screen that says **Click to add variable.**
Click here and a list of variables will appear.
Choose the independent variable and watch the points move.
Now the screen will look like this:



Use the Touchpad to navigate to the area at the left side of the screen that says **Click to add variable.**
This time choose the dependent variable and watch the points move again.
The finished scatterplot will look like this:

There is no need to adjust your window!
The calculator automatically scales the axes.

