


TI-NspireTips

esc Dismiss or deselect


ctrl **esc** **Undo!**

ctrl **Y** Redo.

ctrl **▲** Thumbnail view

ctrl  Selects an object or

ctrl  Grabs an object


 **on** Access Home menu

1 New document

2 Access saved docs

4 Access current doc

5 Access the Settings

 Access the Scratchpad.

Press again to toggle between a Calculator and a Graph

tab Navigate from field to

field (like your computer).

Pressing **tab** on a Graphs page opens up the entry line.

ctrl **◀** Go to previous page

ctrl **▶** Go to next page

ctrl **doc** **▼** Add a page

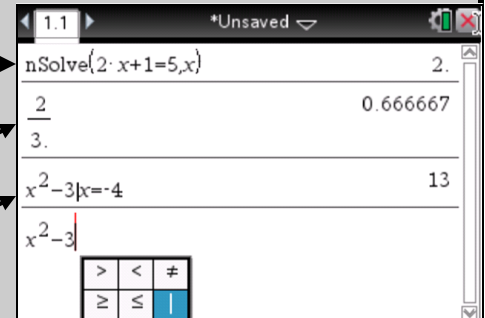
menu Access commands for each applications.

Calculator Page

ONE VARIABLE EQUATIONS: Press **menu** > Algebra > Solve. Type the equation, then type a comma and the variable you want to solve for.

FRACTION TO DECIMAL: **ctrl** **enter** or put decimal in expression.

PLUG VALUE INTO EXPRESSION: Type expression. Press **ctrl** **=** and choose the **|** (vertical bar), type a variable, **=**, then the value.



PRIME FACTOR: Press **menu** > Number > Factor, then type the number.

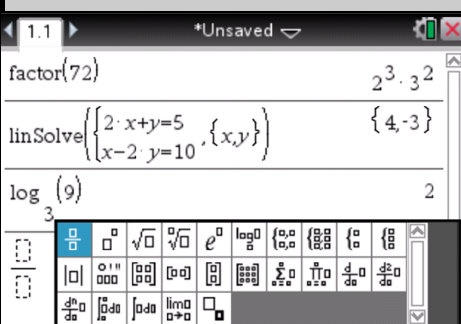
SYSTEM OF EQUATIONS: Press **menu** > Algebra > Solve System of Linear Equations. Choose # of variables, then type the equations.

MATH TEMPLATES: Press  to access the Math Templates.


1st row: Fraction, exponent, sq. root, nth root, log, piecewise functions.

2nd row: Abs. Value, degree, matrices, sigma notation, sum, derivatives.

3rd row: Integrals, subscript, (the T templates are CAS only templates).

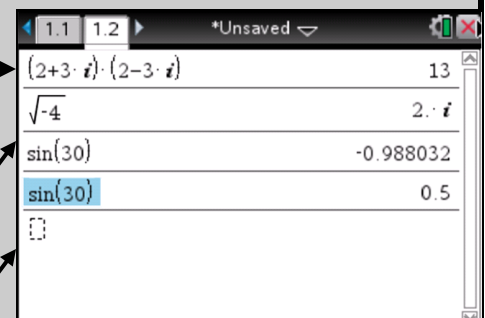


IMAGINARY NUMBERS: Press  then choose the **i**.

Change the settings to: Press  > Settings > Document Settings and change the 'Real or Complex' to Rectangular. Always 'Make Default'.

TRIG-RADIAN OR DEGREE? Press  choose sin(and type 30. Change mode to Degree:  > Settings > Document Settings and always 'Make Default'.

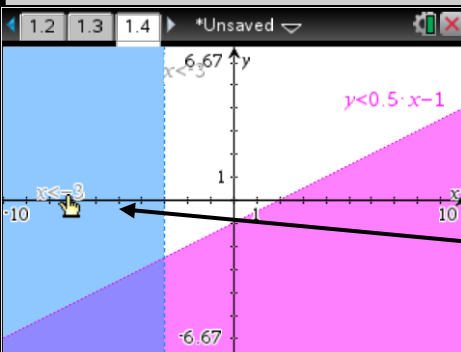
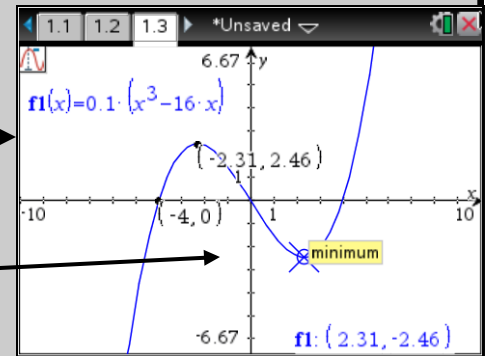
COPY/PASTE: Click  to highlight an expression, press **enter**.



Graphs Page

GRAPH A FUNCTION: Press **ctrl** **doc** and add Graphs. Remember, $y=$ is the same as $f(x)=$! Type the function $y=0.1(x^3-16x)$ then press **enter**

CRITICAL POINTS: Use the Trace function to find the Min, Max, and Zeros. Press **menu**>Trace>Graph Trace to activate the tool. Click the **↔** arrow keys to trace the function. When find a min, max, or zero, press **enter** to lay down a point. Type a number and press **enter** to jump to its value.

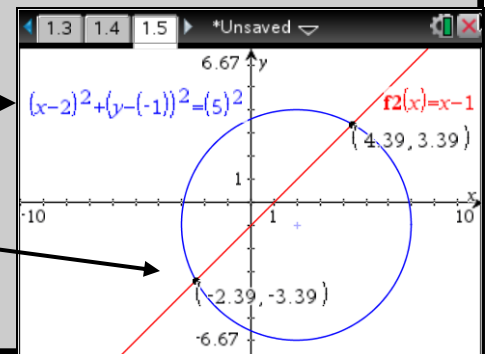


GRAPH $f(x)$ INEQUALITY: Press **ctrl** **doc** and add Graphs. In the entry line, press **del** to get rid of the $=$ sign. Choose the $<$ inequality sign, then type the inequality, $y < 0.5x - 1$.

GRAPH $f(y)$ INEQUALITY: Swipe the Touchpad and move cursor to an empty space. Press **ctrl** **menu** choose Text. Type, $x < -3$ and press **enter**. Hover over the text, press **ctrl** **⌘** to grab & then drag to the x-axis. **enter**

CONIC GRAPH : **ctrl** **doc**, add Graphs. **menu**>Graph Entry/Edit>Equation>Circle>I. Type the numeric values so that $h=2$, $k=-1$, and $r=5$. Press **menu**>Graph Entry/Edit>Function. Type $y=x-1$ and press **enter**.

INTERSECTION POINTS : Press **menu**>Geometry>Points & Lines>Intersection Points. Click on both of the graphs. If you need to see more digits of the ordered pair, hover over a x - or y -value and press $+$.

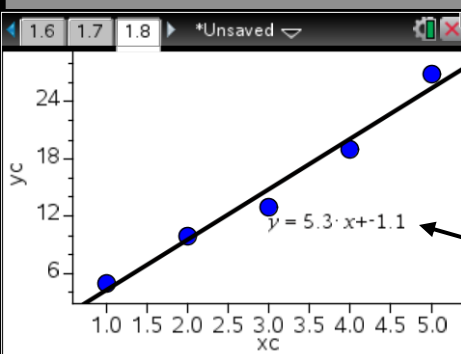


Scatter Plots & Regression

ENTER DATA: **ctrl** **doc** and add Lists & Spreadsheet. Go to the very top cell in column A. Type, xc , to name the column. (**Hint:** always use at least two letters to name a list) Type in the data $xc=\{1,2,3,4,5\}$. Repeat these steps in column B so that $yc=\{5,10,13,19,27\}$

Warning: Be sure to either press **enter** or arrow out of the last cell you type data in. Otherwise, you may get a 'dim mismatch' error message.

	xc	yc		
1	1	5		
2	2	10		
3	3	13		
4	4	19		
5	5	27		
6				



GRAPH SCATTER PLOT : **ctrl** **doc** and add Data & Statistics. **tab** then choose appropriate variable (xc for the x-axis), **tab** again then choose the appropriate variable (yc for the y-axis).

GRAPH REGRESSION LINE: **menu**>Analyze>Regression>Show Linear ($mx+b$). If you need to see the correlation coefficient, r , then do the regression in Lists & Spreadsheet. (**menu**>Statistics>Stat Calculations)