

General CAS Information [TI-nSpire]

Using the ctrl button

Unlike a computer, the control button can be pushed then the second button pushed after. You do not need to press them simultaneously

Calculator

Round to Decimal Places

menu → 2 (*Number*) → 8 (*Number Tools*) → 1 (*Round*)
round(number, decimal places)

Converting Between Approximate and Fraction Answers

menu → 2 (*Number*) → 1 (*Convert to Decimal*) or ctrl + enter
menu → 2 (*Number*) → 2 (*Approximate to Fraction*)

Clear Single Character Variables

menu → 1 (*Actions*) → 4 (*Clear a – z ...*)

Clear a Specific Variable

menu → 1 (*Actions*) → 3 (*Delete Variable*)
DelVar variable name

Clear Previous Calculations

menu → 1 (*Actions*) → 5 (*Clear History*)

Solve Equations

menu → 3 (*Algebra*) → 1 (*Solve*)
solve(equation, variable)

List of Defined Variables

var button or menu → 1 (*Actions*) → 2 (*Recall Definition*)

Working with Pronumerals and Variables

Multiplying with pronumerals requires the use of a multiply sign.

Putting two variables next to each other references the variable with that name. $ab \neq a \times b$

Putting a variable next to a bracket references that function. $a(b) \neq a \times (b)$

Copy Cut Paste

ctrl + c ctrl + x ctrl + v

Hit enter on a selected previous calculation to paste it where the cursor last was in the current entry line

Highlight

shift + left/right highlight one character left/right of the cursor

shift + up/down highlight everything left/right of the cursor

Undo

ctrl + z, ctrl + esc

Redo

ctrl + y, shift + esc

Clear Current Entry Line / Remove Large Operators

ctrl + ←

Using the Previous Answer in Calculations

ctrl + – inserts ans which recalls the previous answer

Each time you hit enter uses the new previous answer, this includes ctrl + enter

Navigation

ctrl + 1 scroll to bottom of a list, page, or entry line ctrl + 3 scrolls down (page down) of a list or page
ctrl + 7 scroll to top of a list, page, or entry line ctrl + 9 scrolls up (page up) of a list or page
ctrl + 4 split screen with next page ctrl + 0 open scratchpad
ctrl + 6 separate split screen into two pages

ctrl + left/right shift between open tabs
ctrl + up show all open tabs, then click or ctrl + down to open that page

ctrl + doc opens new page
home opens the home menu

Home

1 (*New Document*)

Return to the Current Document and Current Page

4 (*Current*)

Edit Document Settings

5 (*Settings*) → 2 (*Document Settings ...*)

Display Digits	Float/Fix
Angle	Degree
Exponential Format	Normal
Real or Complex	Real
Calculation Mode	Auto/Approximate/Exact
Vector Format	Rectangular
Base	Decimal
Unit System	SI

Make Default: sets the settings for each new document
OK: sets the settings only for the current open document

Float: use as many decimal places as necessary, up to the max allowed.

Float 0-12: Rounds to selected number of digits. Is not always significant figures.
Often writes in scientific notation $E + x$ for $\times 10^x$ or $E - x$ for $\times 10^{-x}$

Fix 0-12: Rounds to selected number of decimal places