ClassPad II Help Series	Casio Education Australia - supporting Australian teachers	www.casio.edu.shriro.com.au	Author	Charlie Watson
CP911	Using NumSolve		Date	April 2015
			CPII OS	02.00.2000.0000

The NumSolve application is useful for solving equations with several variables when we only expect a single solution.

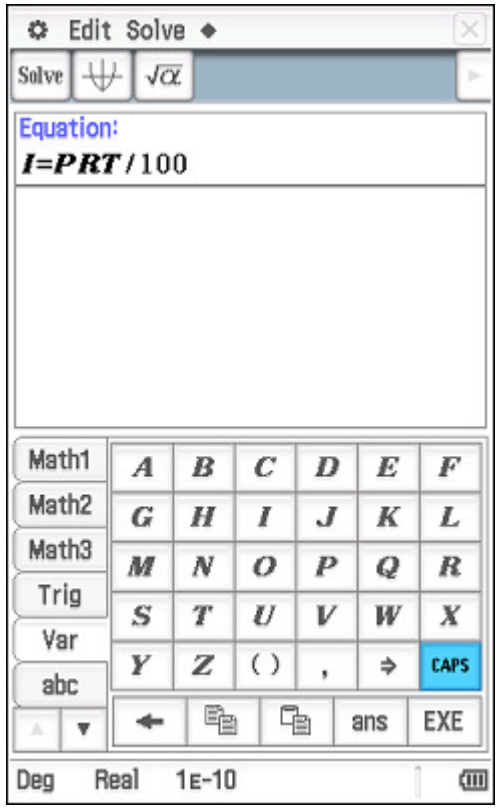
In this example we will use the simple interest formula to solve some problems.

Open the NumSolve application from the Main Menu.

Open the keyboard, tap on the Var and select capital letters.

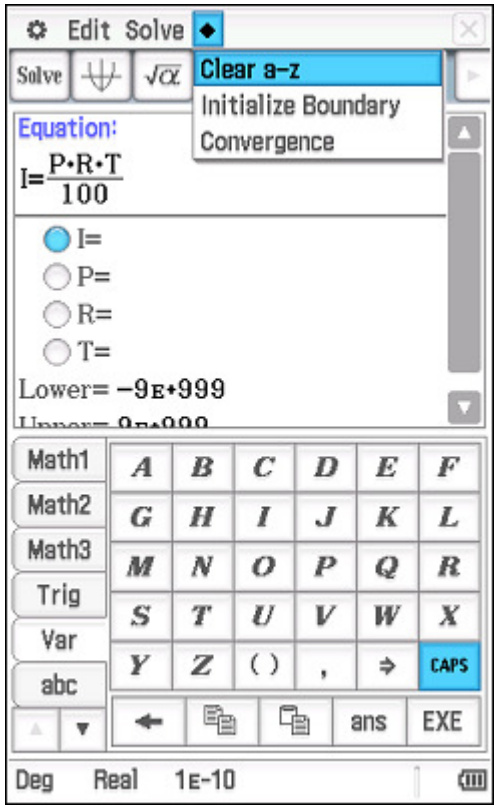
Enter the formula ***I=PRT/100*** and then tap EXE.

Warning – it is strongly recommended that the abc tab is NEVER used for variable entry unless you understand and want to use multiple letter variables.



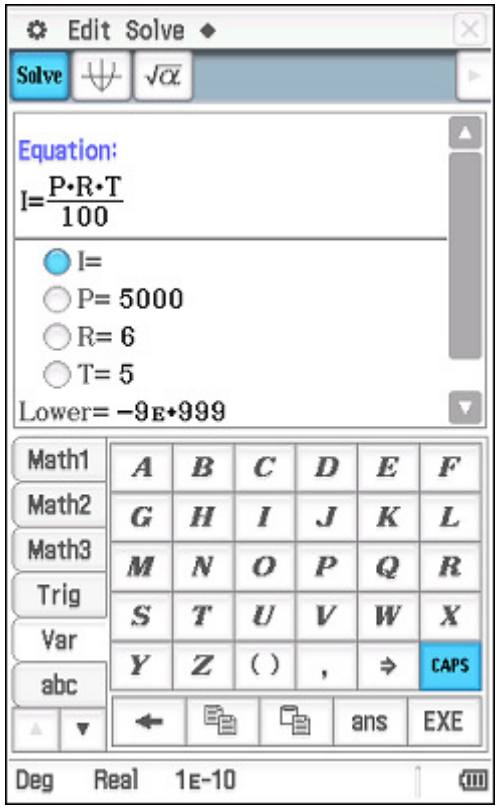
Sometimes the variables in your formula will already have values assigned to them.

A quick way to delete them all is to tap on ◆, the diamond to the right of Solve, and chose the Clear a-z option.



Example: Find the simple interest which will accumulate on a principle of $5000 invested for 5 years at a rate of 6%pa.

Enter the known values against the appropriate variables, tap onto the radio button of the unknown ***I*** and then tap Solve.



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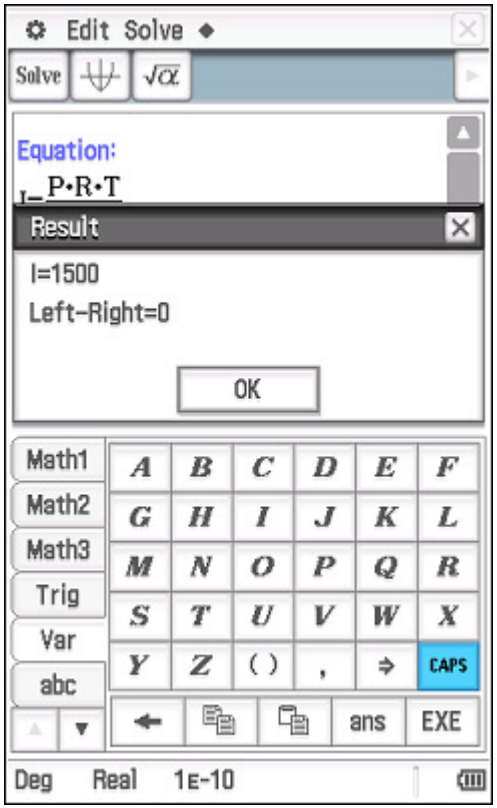
Example: What rate of simple interest is needed to double the value of a $1000 principal over a time of 12 years?

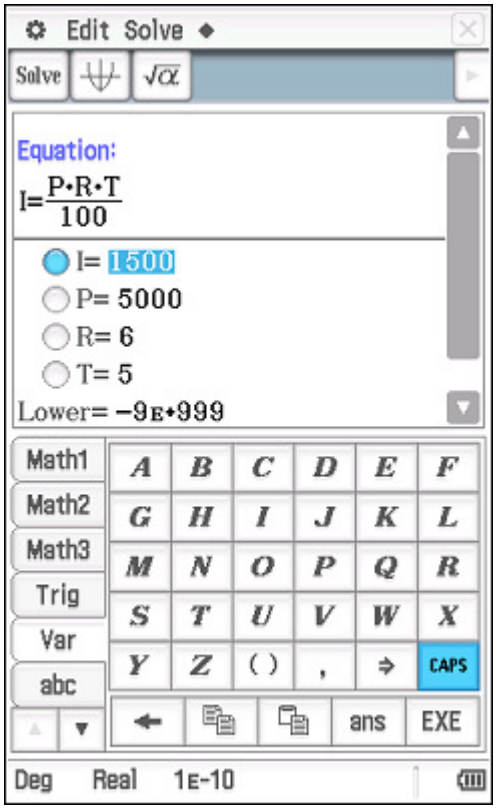
Clear the existing values, enter the new values against the appropriate variables and select the variable R to solve for.

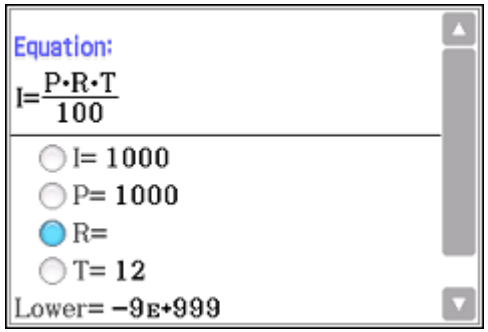
Tap Solve.

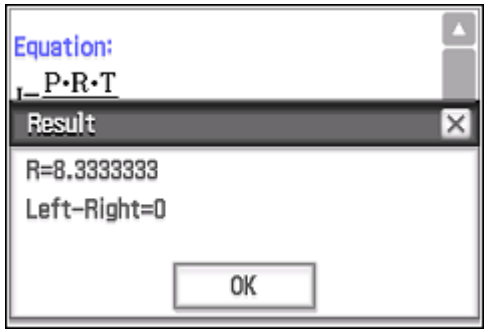
The solution of $1500 for the unknown is displayed in a window.



The solution is also displayed against the variable ***I*** once OK has been clicked.







The solution of 8.33% is displayed.