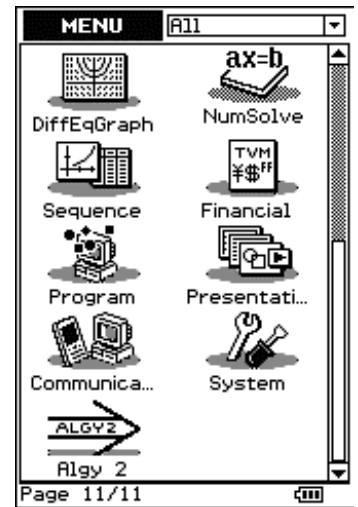


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901	Algy – An Introduction	Author	Charlie Watson
		Date	19 Dec 2007
		CPM OS	03.01.3000.0240

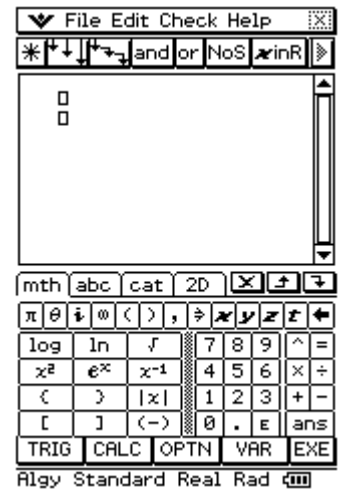
Algy is an Add-In application that encourages experimentation and perseverance with symbolic manipulation. It can be downloaded from the website www.stepsinlogic.com

Algy can check our work in a couple of ways as we manipulate either expressions or equations.



From the Main menu, tap on **Algy 2**.

Next display the Keyboard.



We'll use Algy to help solve the equation $5x + 4 = 3x$

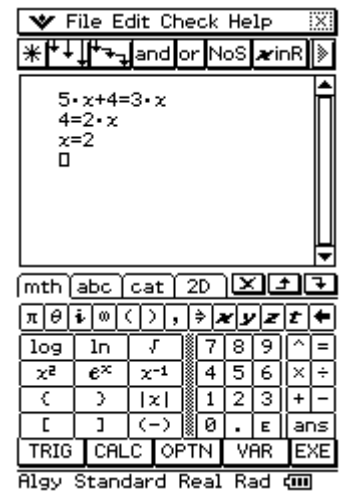
In the top cursor box enter the above equation and tap **EXE**.




We now have to solve the equation using pencil and paper techniques, using Algy to check our working...

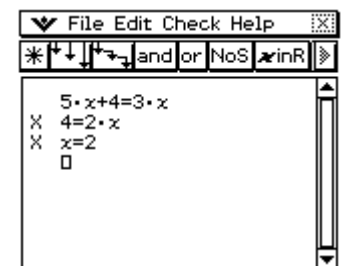
So, suppose we next entered $4 = 2x$ and then tap **EXE**.

To finish we type $x = 2$ and tap **EXE**.



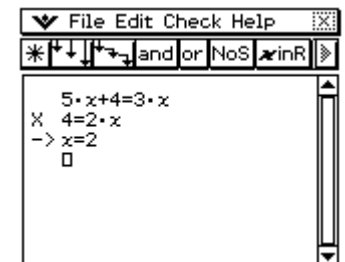
Let's ask Algy to check how we went...

Tapping on  Algy tells us that both lines are not correct simplifications of the initial line.



Tapping on  is better news!

Algy tells us that the second line is not a correct simplification of the first line, but the third line is a correct simplification of the second line. Algy is simply checking relative to the previous line.



Thanks to Algy, we can now fix up our error in the second line, follow it through and check again.

