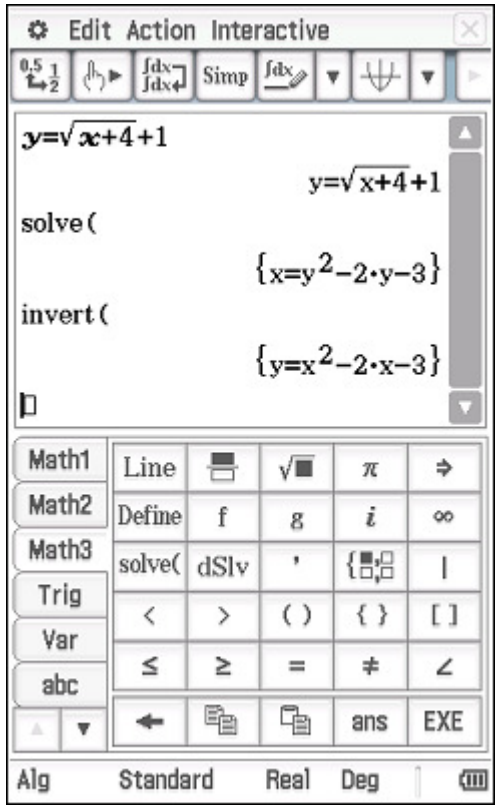
ClassPad II Help Series	Casio Education Australia - supporting Australian teachers	www.casio.edu.shriro.com.au	Author	Charlie Watson
CP172	Inverse Of A Function		Date	April 2015
			CPII OS	02.00.2000.0000

Find the inverse of $y = \sqrt{x+4}+1$.

Enter the equation, tap EXE and solve.

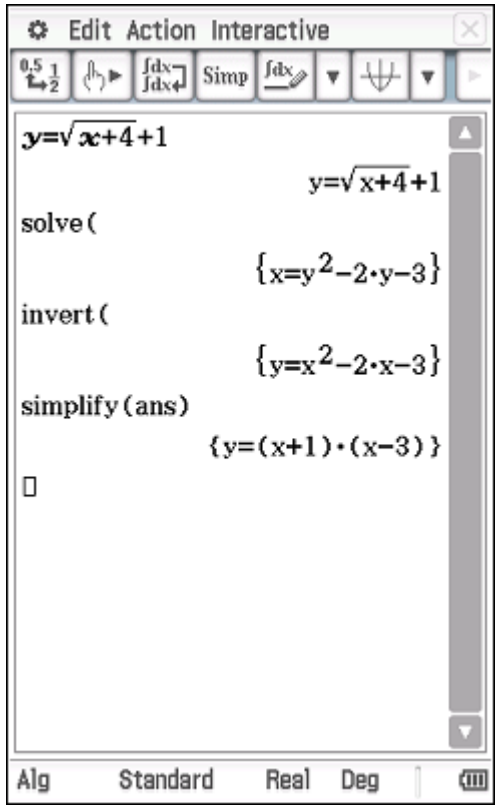
Tap Action, Assistant, invert and tap EXE.



It's often worth asking Classpad to simplify any result.

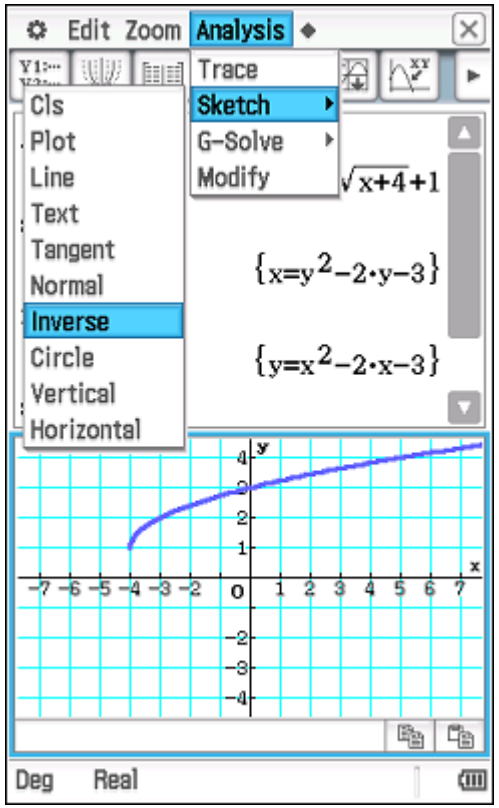
Tap **Simp.**

The inverse can also be expressed in factored form.



Open a graph window, drag in the original function and adjust the scale.

Tap **Analysis, Sketch, Inverse**.



The inverse is drawn.

Tap **Analysis, Trace** and tap the up cursor key. An algebraic function is displayed at the bottom of the graph window, but Classpad has simply swapped ***x*** and ***y***.

We still need to solve this function for ***y*** as above in order to obtain the inverse function.