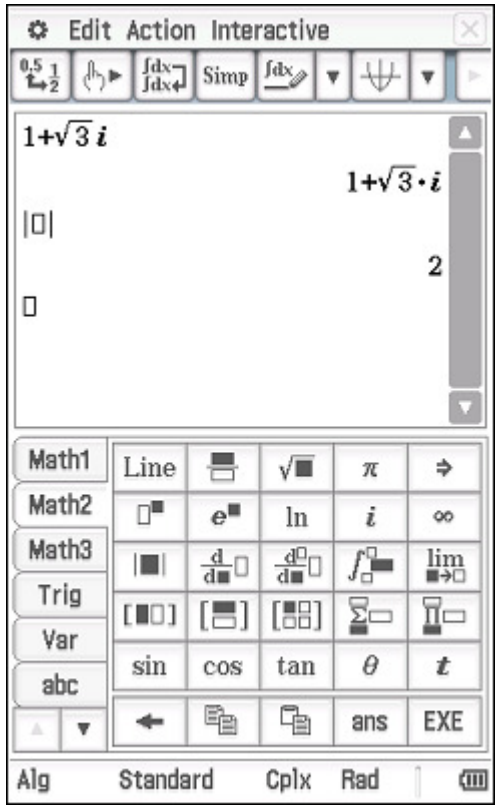
ClassPad II Help Series	Casio Education Australia - supporting Australian teachers	www.casio.edu.shriro.com.au	Author	Charlie Watson
CP073	Complex Number Basics		Date	April 2015
			CPII OS	02.00.2000.0000

Check that basic settings shown at the bottom of the screen are

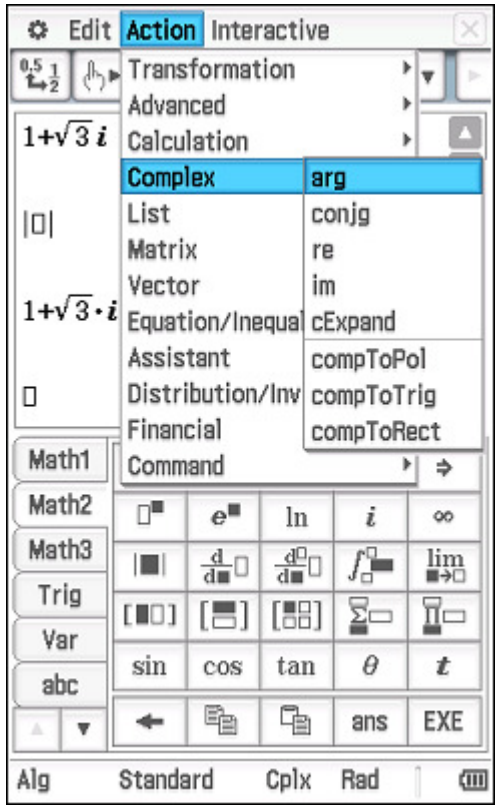
Standard Cplx Rad

Use the **Math2** keyboard to enter the complex number $1+\sqrt{3}i$ and tap **EXE**.

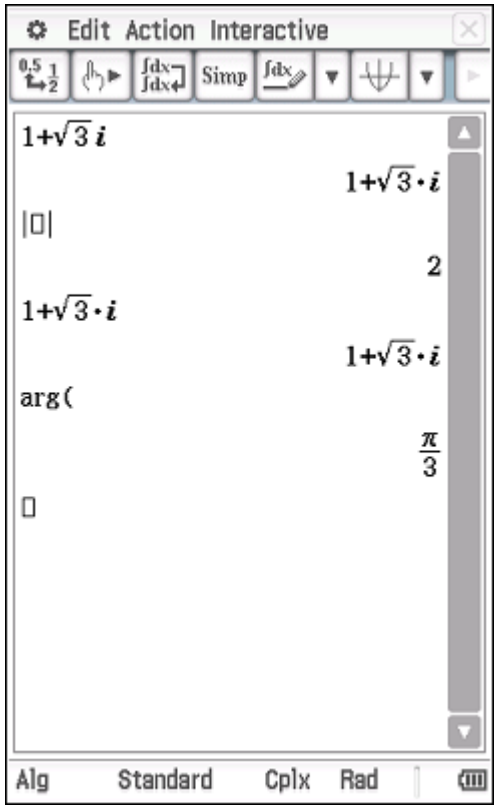
The magnitude can be found using the $|\blacksquare|$ template.



Other useful tools can be found in the **Action, Complex** menu.

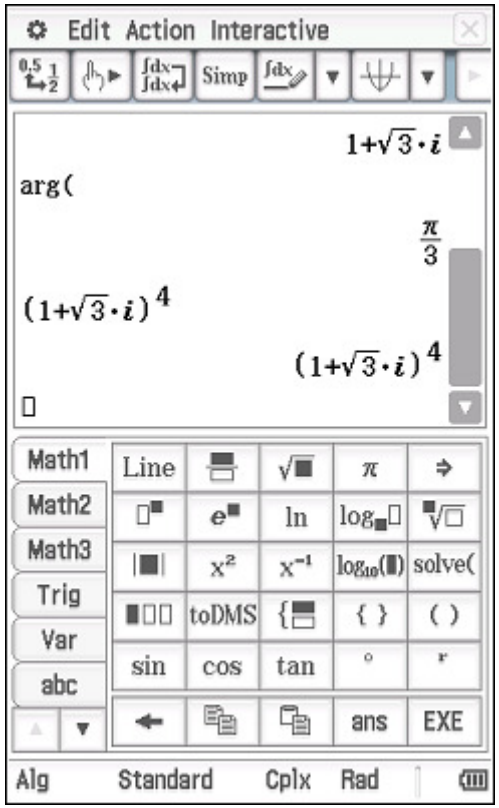


Tap **Action, Complex, arg** to find the argument.



Try some of the other functions in the Complex menu such as the conjugate, real part and imaginary part.

Notice that Classpad does not automatically expand a power of a complex number.



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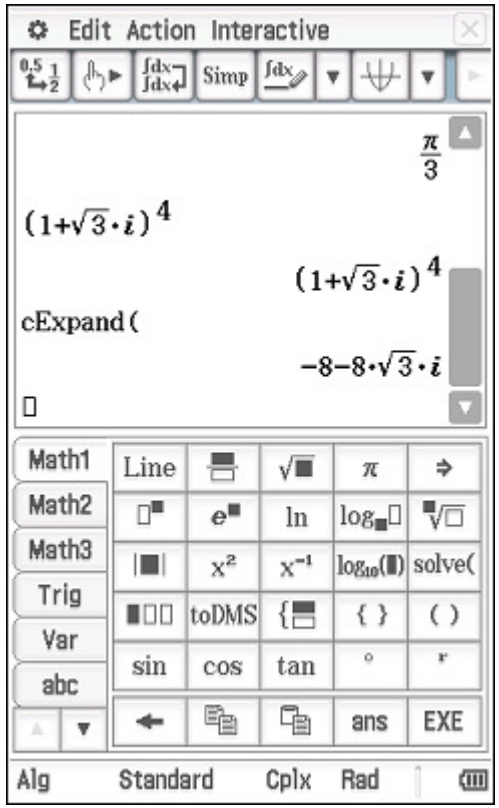
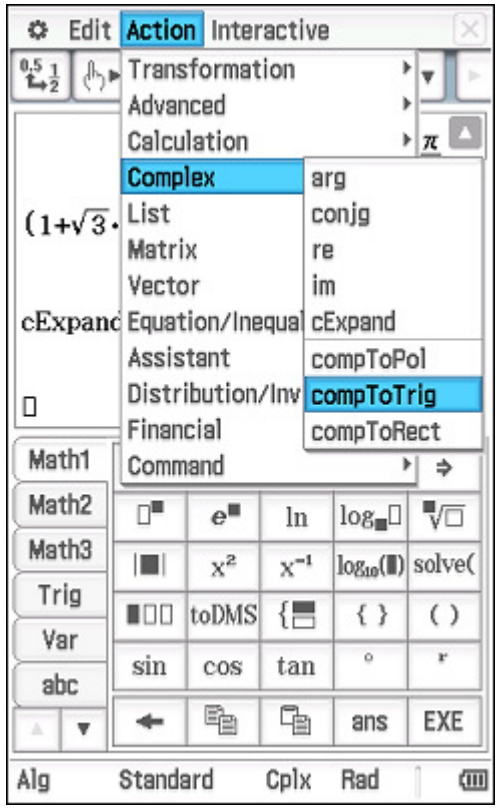
We can use **cExpand** to simplify a power.



ClassPad will help with conversions into most forms of complex numbers - use the Action, Complex menu.



These forms usually make the magnitude and argument of a complex number very obvious.