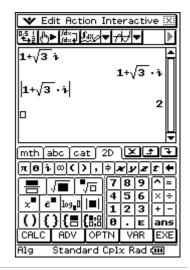
Classpad Help Series sponsored by Casio Education Australia			www.casioed.net.au	
073	Complex Number Basics	Author	Charlie Watson	
		Date	31 January 2010	
		CPM OS	03.04.4000	

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

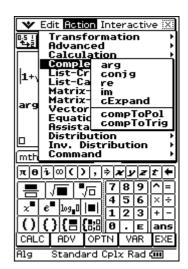
## Standard Cplx Rad

Use the **2D** tab to enter the complex number  $1 + \sqrt{3}i$  and tap **EXE**.

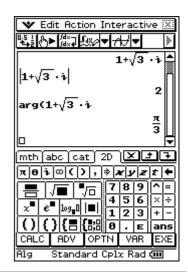
The magnitude can be calculated using the | | template.



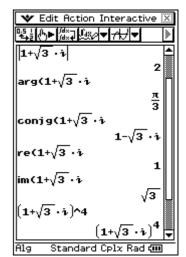
Other useful tools can be found in the **Action**, **Complex** menu.



Tap Action, Complex, arg to find the argument.

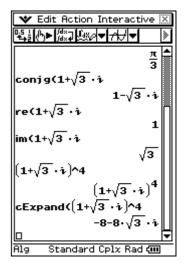


Try some of the other functions in the Complex menu such as the conjugate, real part and imaginary part.



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

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



As your work more with complex numbers you may want to convert them into trigonometric or exponential (polar) forms, again using the Action, Complex menu.

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

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