

<b>Classpad Help Series sponsored by Casio Education Australia</b>		<b>www.casioed.net.au</b>	
<b>047</b>	<b>Angle Tips</b>	Author	Charlie Watson
		Date	11 March 2011
		CPM OS	<b>03.05.0000</b>

When working with trigonometric functions, the choice of angle setup is important - either degrees, radians or grads.

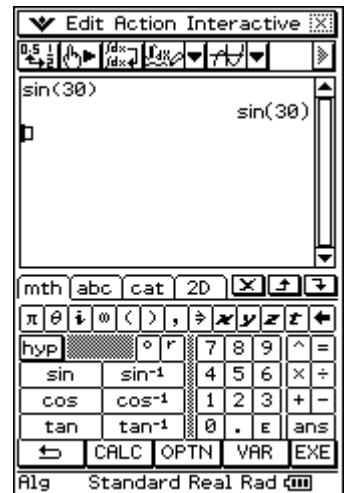
The selected setting can easily be over-ridden using the mth, TRIG menu.

Start in Main.

Set the angle mode to Rad.

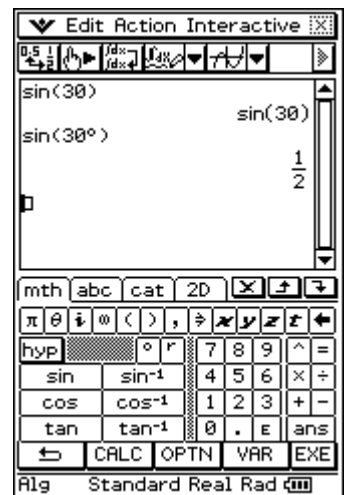
Enter  $\sin(30)$  and tap EXE.

There is no exact value for the sine of 30 radians, so  $\sin(30)$  is returned.



Now enter  $\sin(30^\circ)$ , using  $^\circ$  for degrees.

This over-rides the radian setting and returns  $1/2$ .



Now set the angle mode to degrees and number to complex.

Enter  $\sin\left(\frac{\pi}{6}r\right)$  and tap EXE - again, the default setting is over-ridden.

Note that regardless of the selected angle mode, any calculation involving an imaginary number power exponent is performed using radians.

