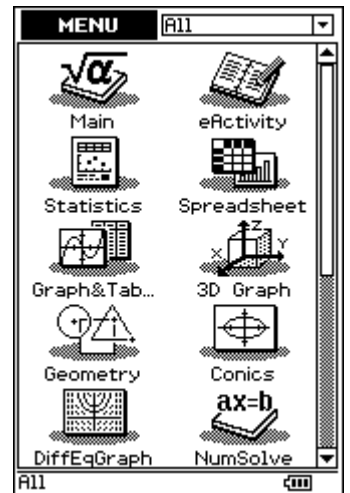



Classpad Help Series sponsored by Casio Education Australia		www.casioed.net.au	
784	Cyclic Quadrilaterals (2)	Author	Romaine Saunders
		Date	17 June 2008
		CPM OS	03.03.3000

Tap .

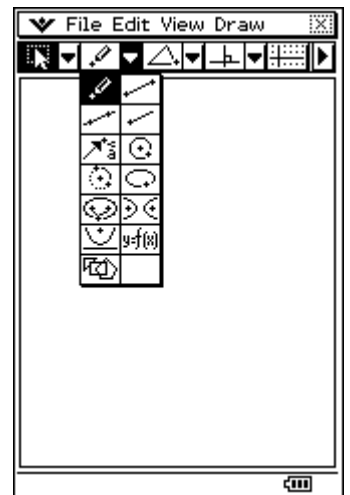
Tap .


Tap **File**, tap **New**, tap **OK**.



Draw a circle by tapping  and then tapping in two different places in the Geometry window.

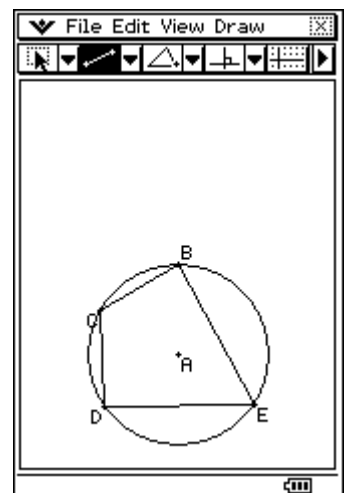
Tap **View**, tap **Zoom to Fit**.




Tap . Draw (cyclic) quadrilateral BCDE such that vertices B, C, D and E are all points on the circle.

Tap .

Tap .



Display the size of $\angle B$ by tapping BC and BE.

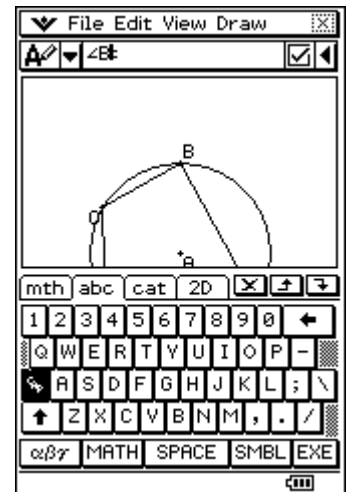
Tap on  to add this measurement onto the Geometry window.

Edit this annotation using the 'abc' keyboard to $\angle B$:

Tap in space.

Repeat for $\angle D$.

Tap in space.





Tap **Draw**. Tap **Expression**.

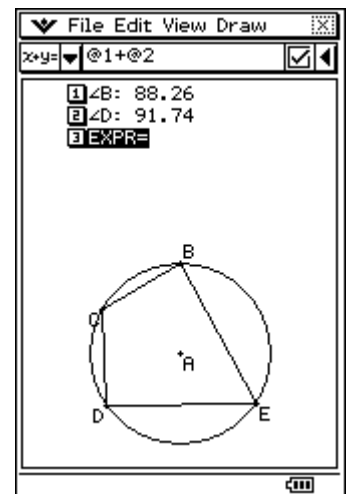
Numbers will appear beside all the on screen measurements.

Tap on **1**, press **+**, tap on **2**. Press **EXE**.

The sum of the two angles now appears on the screen.

Tap , tap  and edit this annotation to $B+D=$.

Tap in space.



Observe the sum of these two pairs of opposite angles in the cyclic quadrilateral BCDE, as the vertices B, C, D and E are moved around the circle.

In a similar manner, display the size of $\angle C$ and $\angle E$ and the sum of these two angles. Observe their sum as the vertices B, C, D and E are moved around the circle.

Tap **File**, tap **Save** and name the file.

