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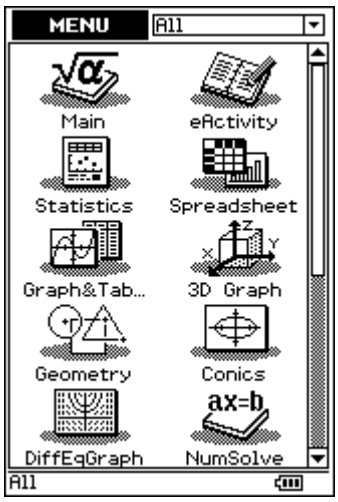
781	Angle in a Semi-Circle (2)	Author	Romaine Saunders
		Date	17 June 2008
		CPM OS	03.03.3000

Tap Menu.

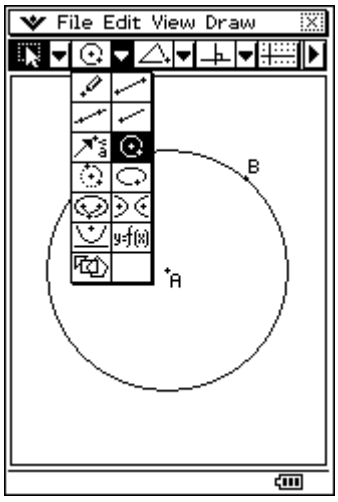
Tap Geometry.

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



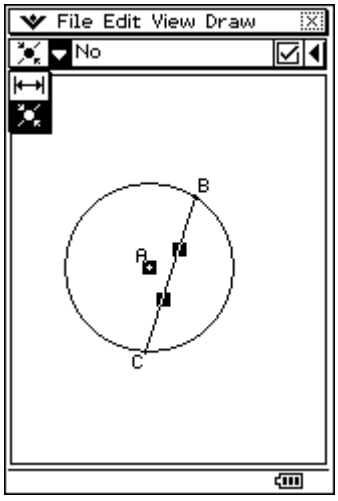
Draw a circle by tapping and then tapping in two different places in the Geometry window.

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



Draw a chord using the line segment tool, starting at B and roughly passing through centre A by choosing, tap on B and then tap again on the circumference.

Tap to see the measurement toolbar.



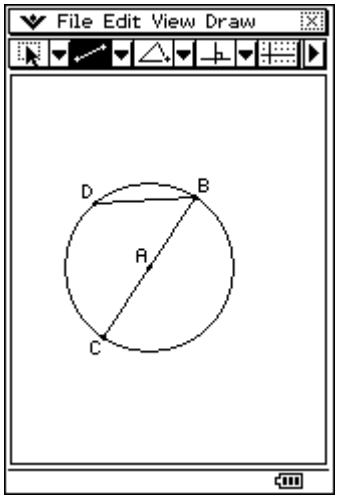
Select the circle centre A and the line segment BC by tapping once on each of them.

Tap, tap, tap to make BC pass through the point A and hence become a diameter.

Tap  .

Tap  and draw two line segments, BD and CD, such that D is another point on the circumference.

Tap  .



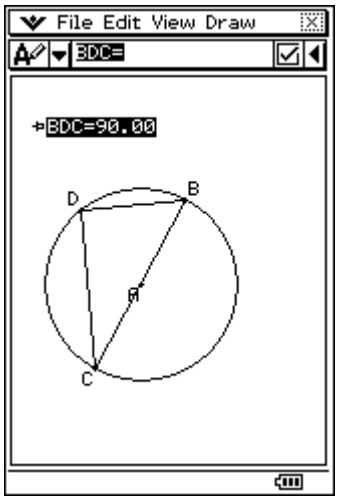
Tap  . Measure the size of ∠BDC by tapping once on BD and once on CD. The angle size of ∠BDC will be displayed in the measurement box.

Tap on the angle size of ∠BDC displayed in the measurement box and drag it into the Geometry window.

Name this angle BDC by tapping  and using the  tab on the keyboard to type BDC=. Press **EXE**.

Hide the keyboard.

Tap in space.



Observe the size of ∠BDC as point D moves around the circle:

Tap E, tap the circle.

Tap **Edit**, tap **Animate**, tap **Add Animation**.

Tap **Edit**, tap **Animate**, tap **Go (once)**.

If desired, tap **File**, tap **Save** and name the file.