ClassPad II Help Series	Casio Education Australia - supporting Australian teachers	www.casio.edu.shriro.com.au	Author	Charlie Watson
CP747	The Central Angle	Date	April 2015	
CF/4/		CPII OS	02.00.2000.0000	

(111)

Start a new file in Geometry.

Select the circle tool.

File Edit View Draw (111)

To create a circle, tap once on the screen for the circle centre and then tap again for a point on the circumference.

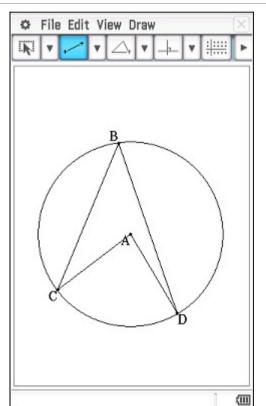
File Edit View Draw

B

A

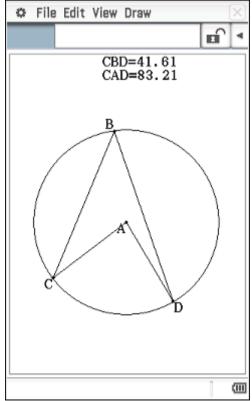
A

Now use the line segment tool to draw the chords and radii shown, making sure the points C and D are on the circumference of the circle.



Move to the measurement toolbar.

Display the sizes of ∠CAD and ∠CBD, both of which are subtended in the same segment by arc CD.



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Observe the size of angles ∠CAD and ∠CBD when points B, C and D move around the circumference.

Select B.

Tap B a second time and drag it around the circumference such that ∠CAD and ∠CBD both remain in the same segment.

Select C.

Tap C a second time and drag it around the circumference such that ∠CAD and ∠CBD both remain in the same segment.

Select D.

Tap D a second time and drag it around the circumference such that ∠CAD and ∠CBD both remain in the same segment.

