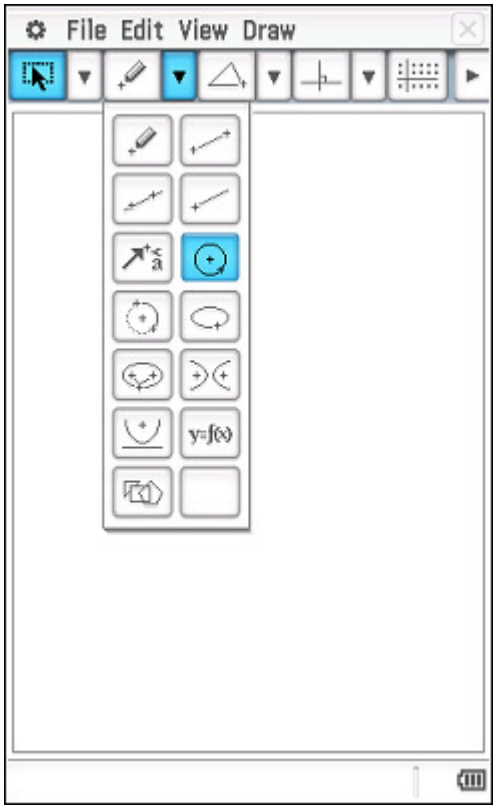
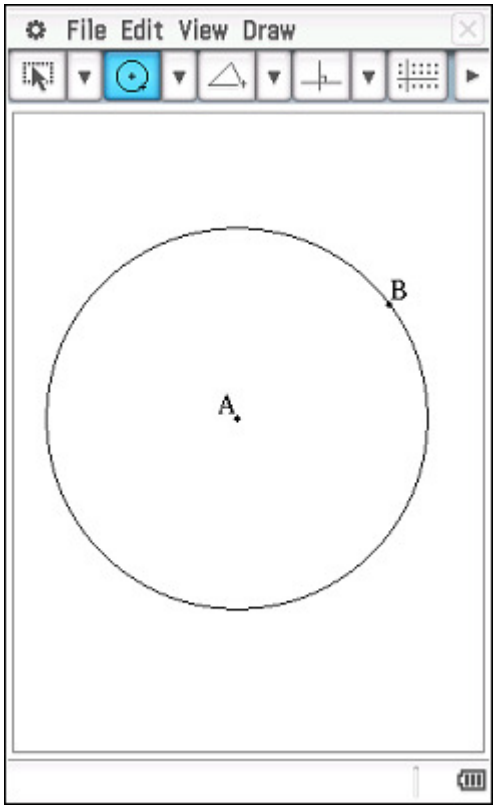
ClassPad II Help Series	Casio Education Australia - supporting Australian teachers	www.casio.edu.shriro.com.au	Author	Charlie Watson
CP743	Angles in the Same Segment		Date	April 2015
			CPII OS	02.00.2000.0000

Start a new file in Geometry.

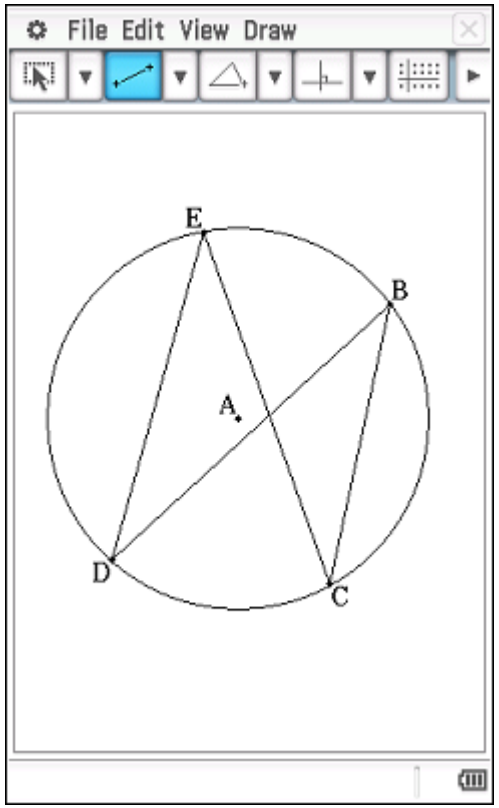
Select the circle tool.



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

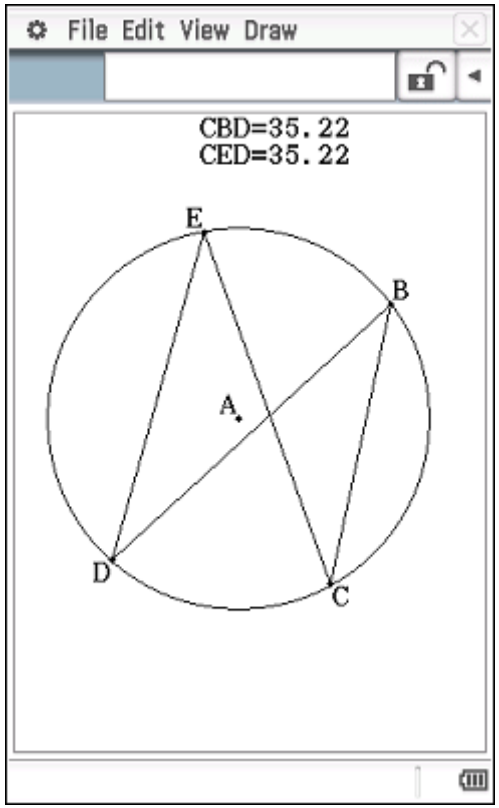


Now use the line segment tool  to draw the chords shown, making sure the points C, D and E are on the circumference of the circle.



Move to the measurement toolbar.

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



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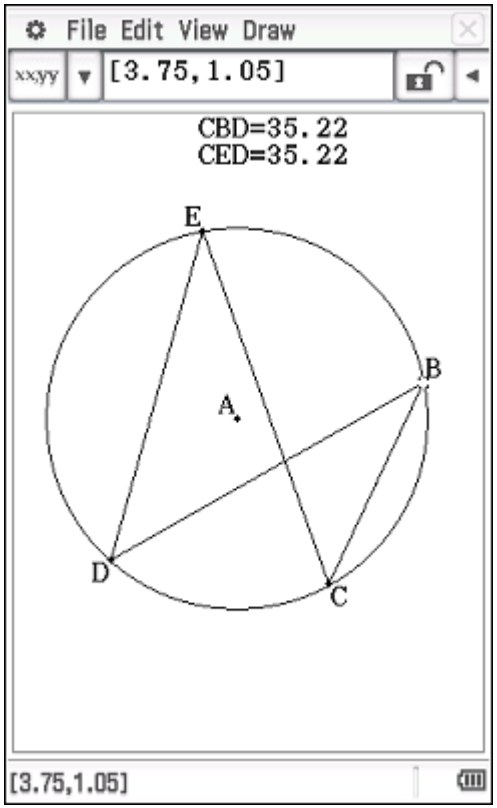
Observe the size of angles ∠CBD and ∠CED when points B, C and D move around the circumference.

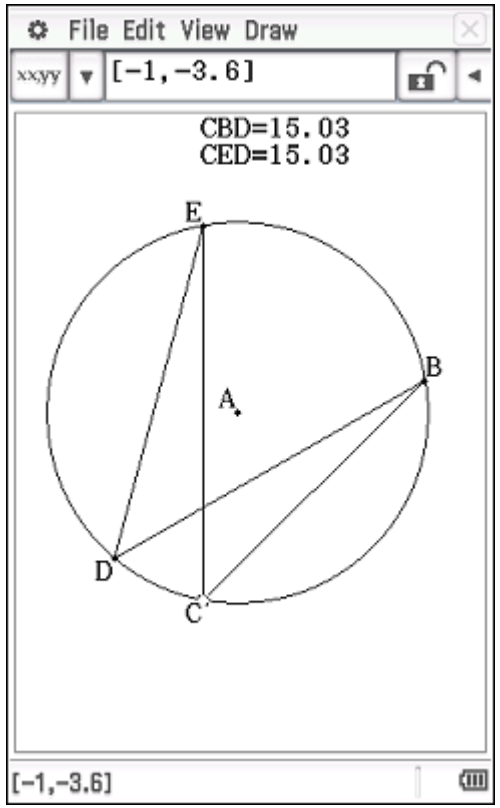
Select B.

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



Select C.

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



Select D.

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