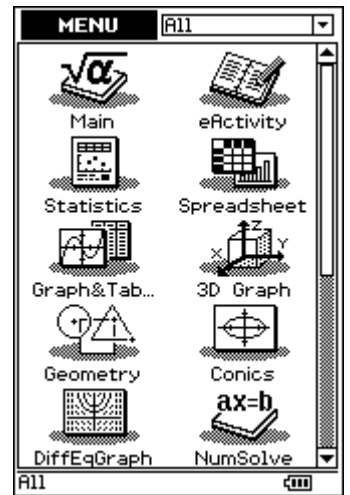



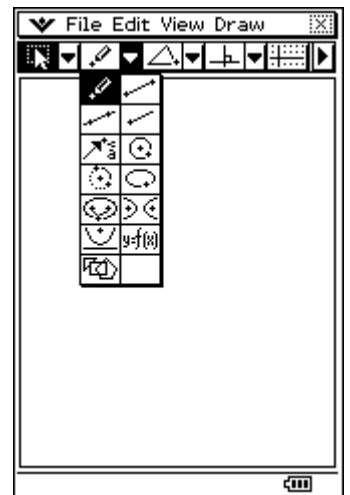
Tap  .

Tap  .


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



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

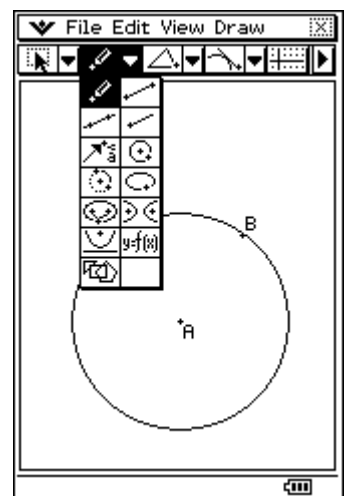


Tap  to create point C lying outside the circle.

Tap  . Draw line segments CB and CD where D is a point on the circle.

Tap  .

Tap  .

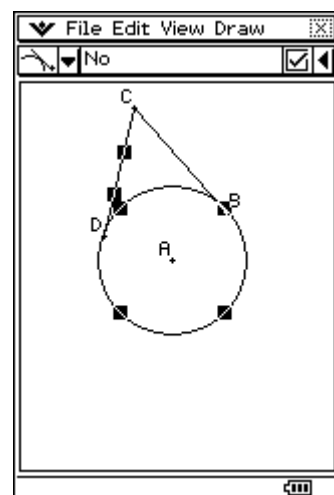


Tap CB and tap the circle. If **No** is displayed, tap the tick,  CB is now a tangent to the circle at B.

Tap in space.

Tap CD and tap the circle. If **No** is displayed, tap the tick,  CD is now a tangent to the circle at D.

Tap in space.



Display the length of CB by tapping CB and dragging it length into the Geometry window. Name this length CB by tapping  and using the

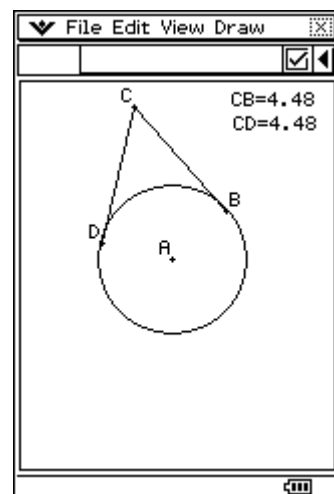
**abc** tab on the keyboard to type CB, press =. Press **EXE**.

Tap in space.

Display the length of CD by tapping CD and dragging it length into the Geometry window. Name this length CD by tapping  and using the

**abc** tab on the keyboard to type CD, press =. Press **EXE**.

Tap in space.



Hide the keyboard.

Observe the lengths of CB and CD as the location of point C is changed by:

Tap C. Tap C a second time and drag it to a new location outside the circle.

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

