

Step 1: Open GeoGebra and hide the axes.

Step 2: Use the semicircle button  to create semicircle AB.

Step 3: Place a point C anywhere on the semicircle.

Step 4: Create segments CA and CB.

Step 5: Draw angle ACB (an angle inscribed in a semicircle).

What is the measure of the angle? _____

Step 6: Move the point C around the semicircle between point A and B. What do you notice about the angle ACB? _____

Compare your results with the results of others near you.

Your next conjecture could be: **The measure of an angle inscribed in a semicircle is _____.**