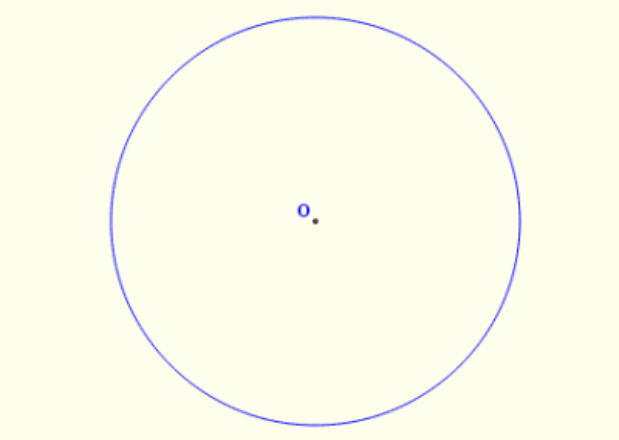
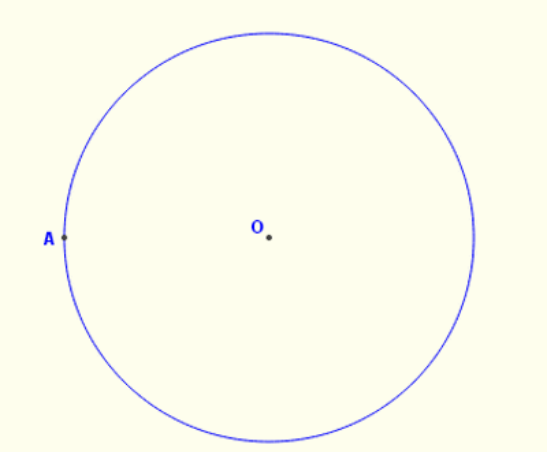
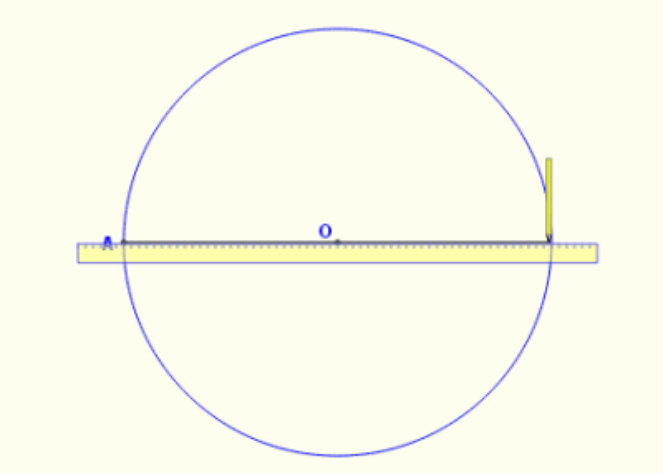
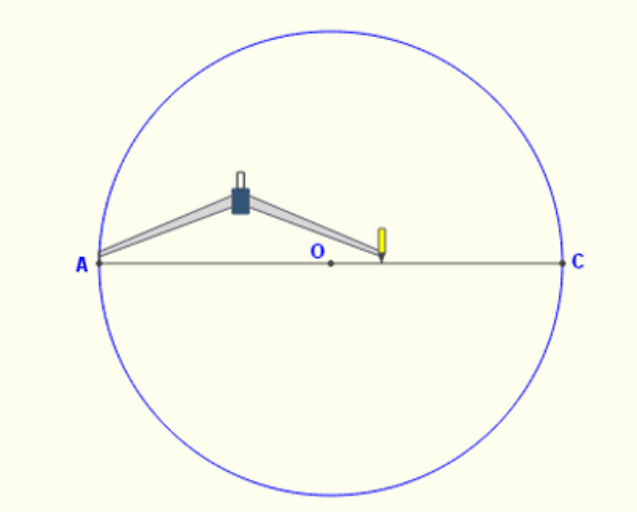
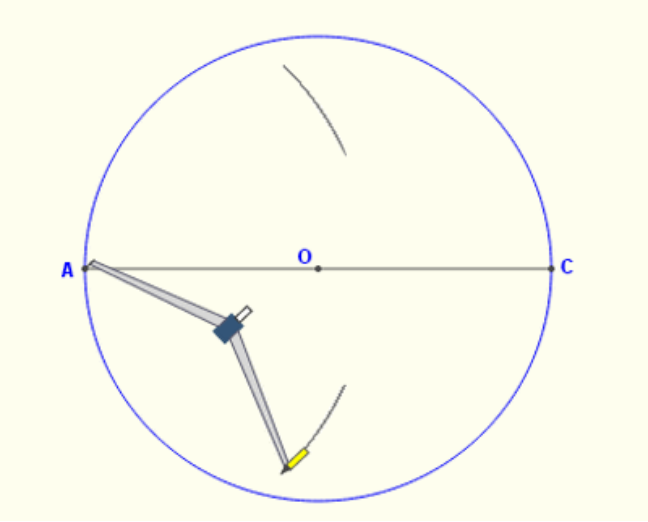
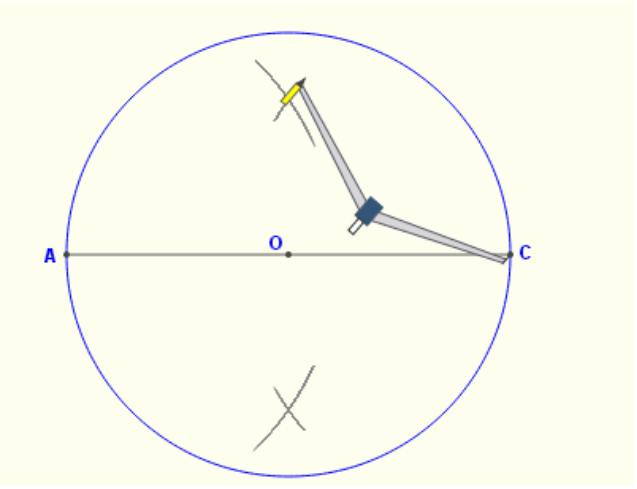
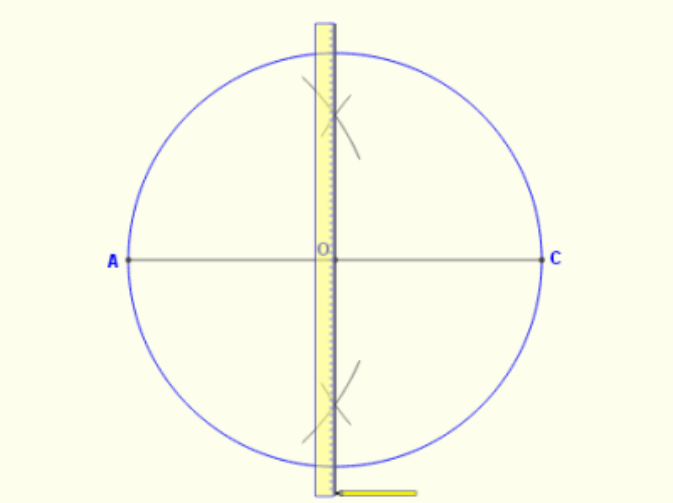
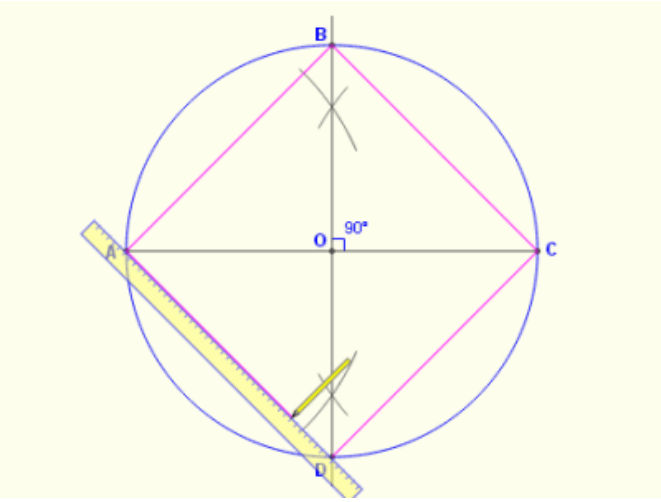
Square inscribed in a circle

After doing this	Your work should look like this
Start with the given circle, center O.	
Mark a point A on the circle. This will become one of the vertices of the square.	
Draw a diameter line from the point A, through the center and on to cross the circle again, creating point C.	

After doing this	Your work should look like this
Set the compass on A and set the width to a little more than the distance to O.	
Draw an arc above and below O.	
Move the compass to C and repeat.	

After doing this	Your work should look like this
Draw a line through where the arc pairs cross, making it long enough to touch the circle at top and bottom, creating the new points B and D. This is a diameter at right angles to the first one AC.	
Draw a line between each successive pairs of points A, B, C, D	
Done. ABCD is a square inscribed in the given circle.