

9/9/2020  
WEDNESDAY

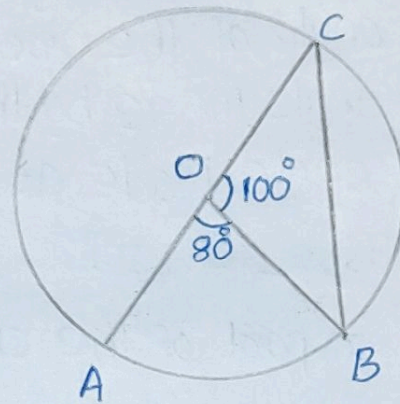
# MATHEMATICS

STD - 8  
class - 27

## Assignment

1) In the figure  $O$  is the centre of the circle. If  $\angle AOB = 80^\circ$ . Find the measures of  $\angle OCB$  and  $\angle OBC$ .

Ans)  $\angle AOB = 80^\circ$  (given)  
 $\therefore \angle BOC = 100^\circ$  (linear pair  
pair  
 $180 - 80 = 100$ )



$\therefore$  The other angle

$$\angle OCB \text{ and } \angle OBC = 40^\circ$$

$$\therefore \angle OCB = 40^\circ$$

$$\angle OBC = 40^\circ$$

$\therefore \triangle OBC$  is an isosceles.