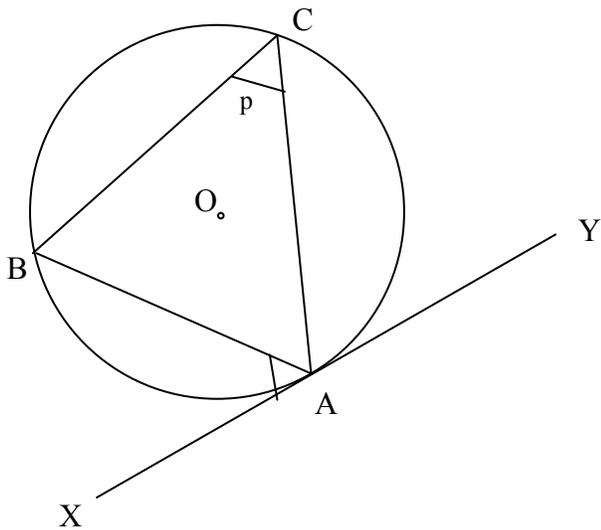


Alternate segment theorem



W.T.S $\angle BCA = \angle BAX$

Let $\angle BCA = p$

Draw the radii from O to A and O to B .

Angle $\angle BOA =$ _____
because

Angle $\angle BAO =$ _____
because

Angle $\angle OAX =$ _____
because

Angle $\angle BAX = \angle OAX - \angle BAO$

$=$ _____

$= \angle BCA$

Q.E.D.

