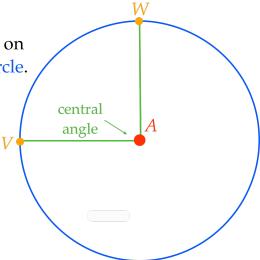
Central Angle

A central angle is an angle whose endpoint are on the circle and its vertex is at the center of the circle.

 $\angle VAW$ is a central angle.



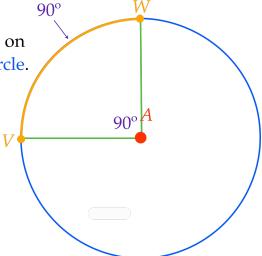
Central Angle

A central angle is an angle whose endpoint are on the circle and its vertex is at the center of the circle.

 $\angle VAW$ is a central angle.

The Measure of an Arc
The measure of an arc is equal to the measure of its central angle.

$$m \angle VAW = mVW$$
$$m \angle VAW = 90^{\circ}$$
$$mVW = 90^{\circ}$$



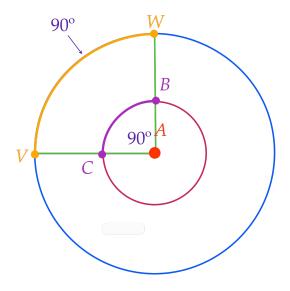
Arc Length

The arc length is the linear distance around the circle of the arc.

$$\widehat{WVW} = \widehat{mCB}$$

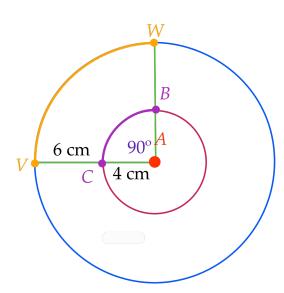
$$\widehat{VW} \neq \widehat{CB}$$

Arc Length =
$$\frac{mArc}{360^{\circ}}$$
 ·(Circumference)

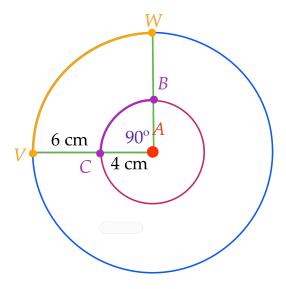


Find the arc length of CB and VW

Arc Length =
$$\frac{mArc}{360^{\circ}}$$
 ·(Circumference)



Find the arc length of $\widehat{\mathsf{CB}}$ and $\widehat{\mathsf{VW}}$



Arc Length =
$$\frac{mArc}{360^{\circ}}$$
 ·(Circumference)