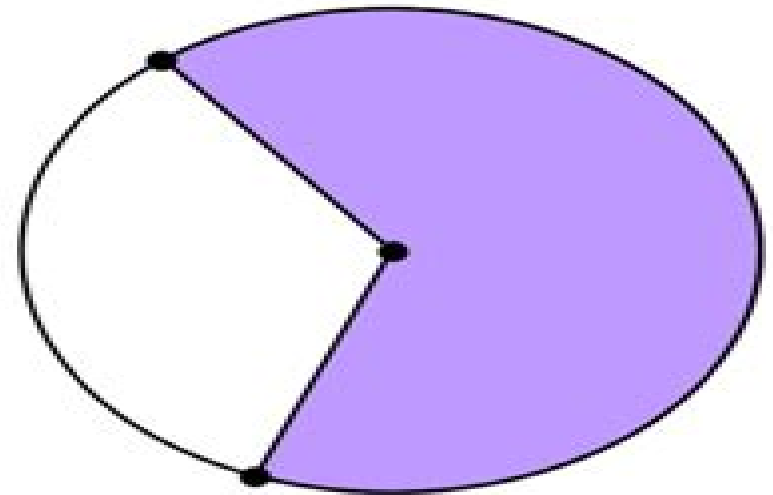


LESSON 11.2 - Areas of Circles and Sectors

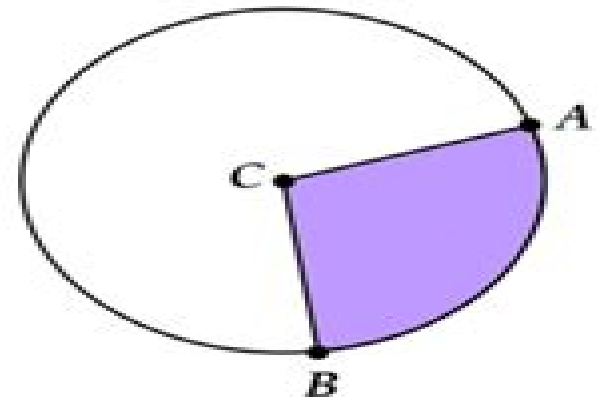
- A **SECTOR** of a circle is the region bounded by two radii of a circle and their intercepted arc.



AREA OF A SECTOR

The ratio of the area of a sector of a circle to the area of the whole circle (πr^2) is equal to the ratio of the measure of the intercepted arc to 360° .

$$\frac{\text{Area of sector } ACB}{\pi r^2} = \frac{m\widehat{AB}}{360^\circ}$$



Practice Areas Of Circles And Sectors

Karin Nielsen-Saines



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