

Learning Objective(s) _____:

**Main Ideas/
Questions**

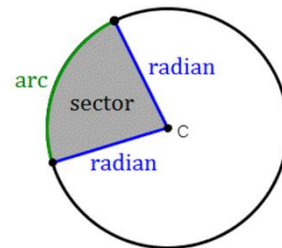
Sector Area
Characteristics

Notes

Sector Area – A piece of the _____ from the whole circle

Funny way to remember:

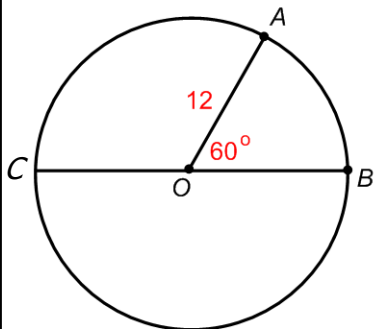
Sector Area = Pie _____



Formula:

$$\frac{\text{Sector Area}}{\text{Area } (\pi r^2)} = \frac{\text{Central Angle } (\theta)}{\text{Whole Circle in degrees } (360^\circ)}$$

Examples



1. Find the area that uses Arc AB.

2. Find the area that uses Arc CA.

3. A circle has an area is 32.5 in^2 . What is the diameter of the circle?

