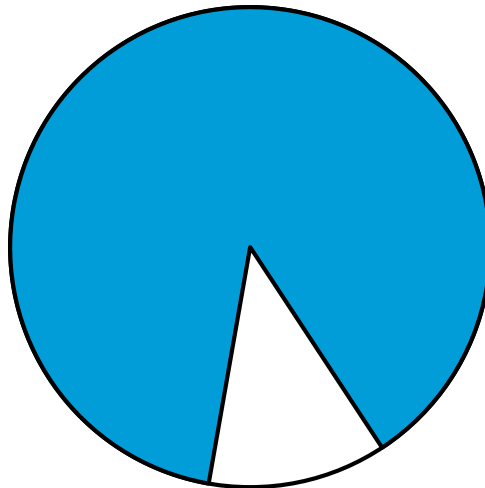
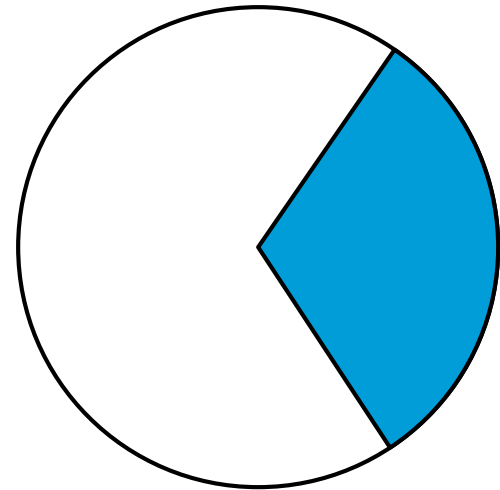
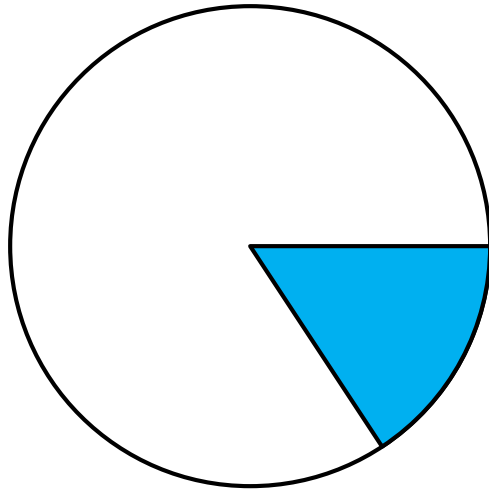


**12.65**

**Areas of  
Parts of a Circle**

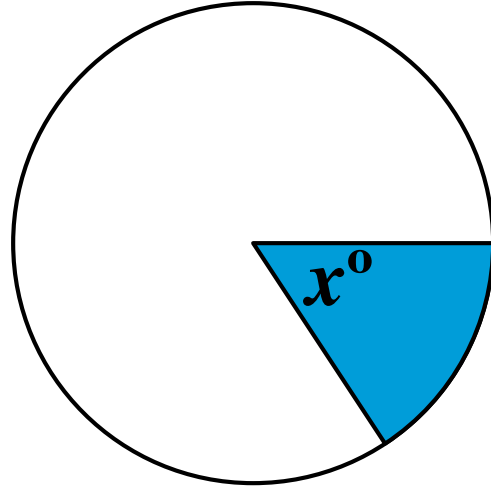
# Parts of a Circle

## SECTOR OF A CIRCLE



# Parts of a Circle

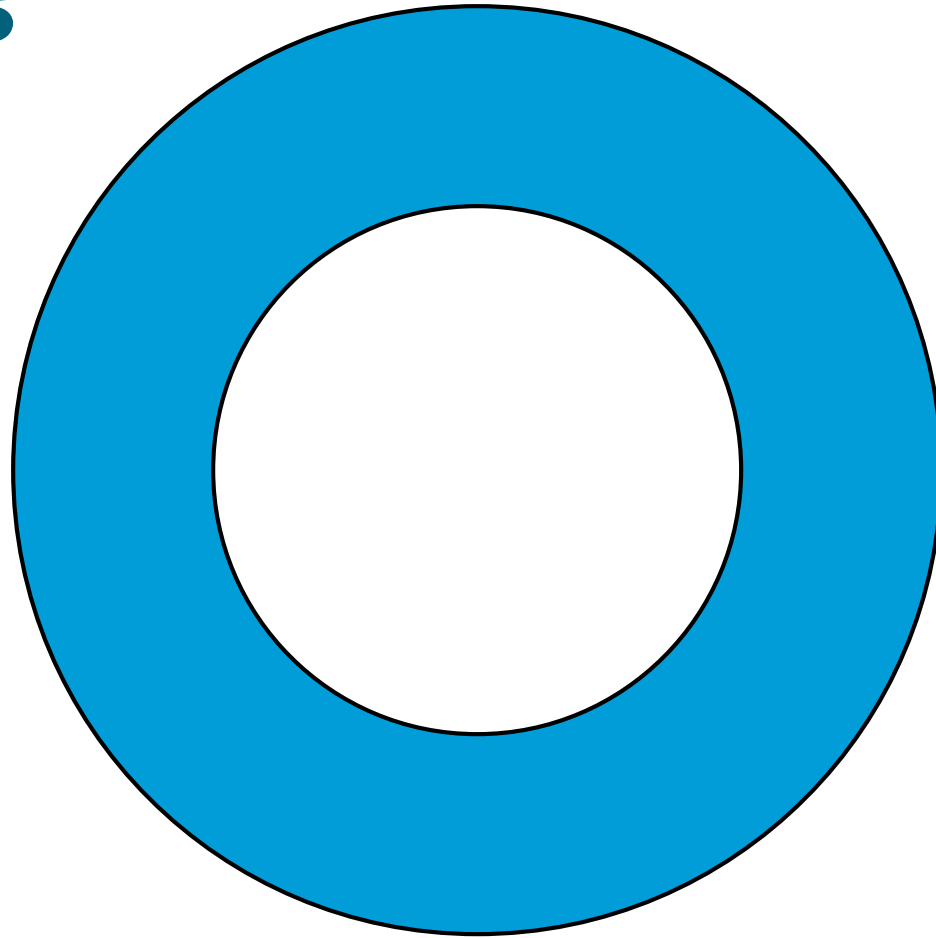
## AREA OF A SECTOR OF A CIRCLE



***Area of a  
Sector =***

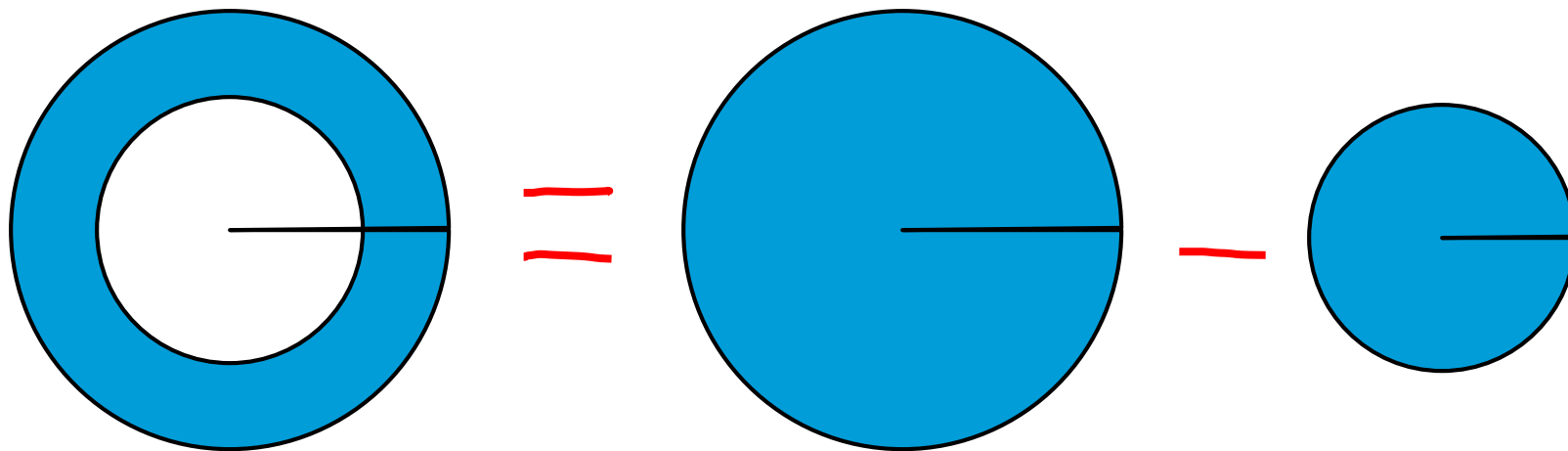
# Parts of a Circle

**Annulus**



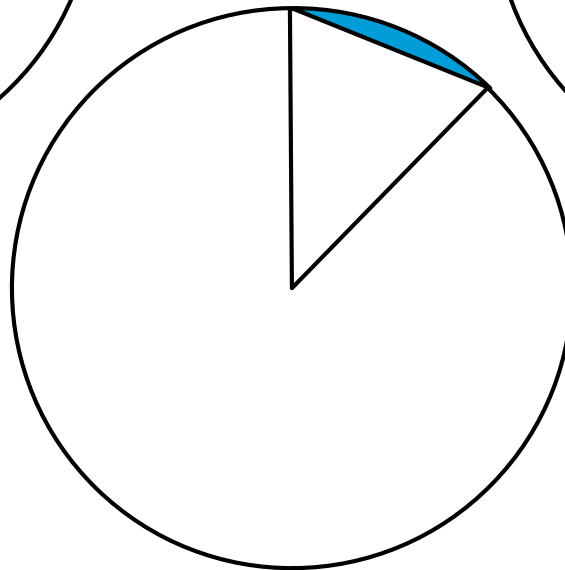
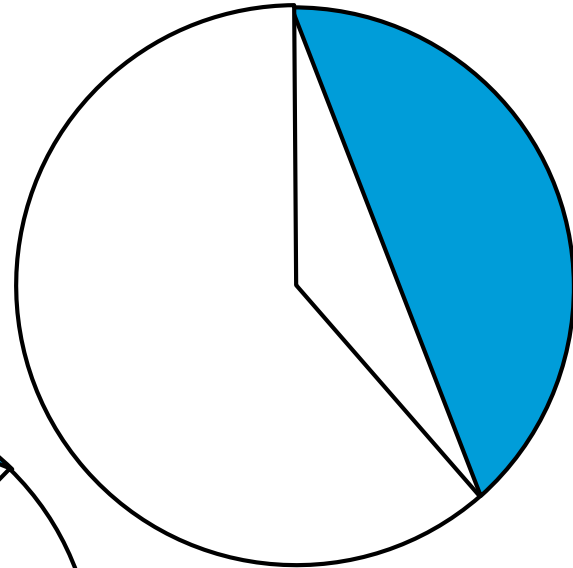
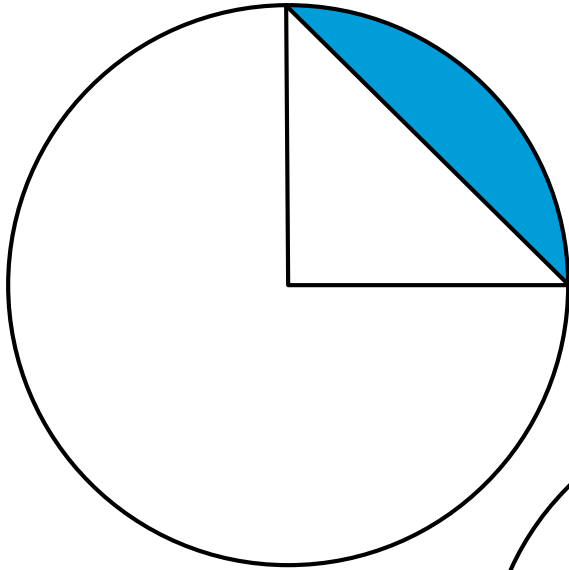
# Parts of a Circle

## Area of an Annulus



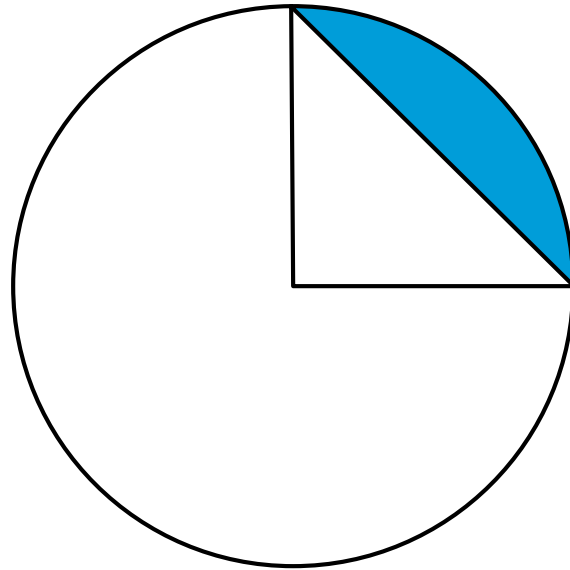
# Parts of a Circle

## Segment



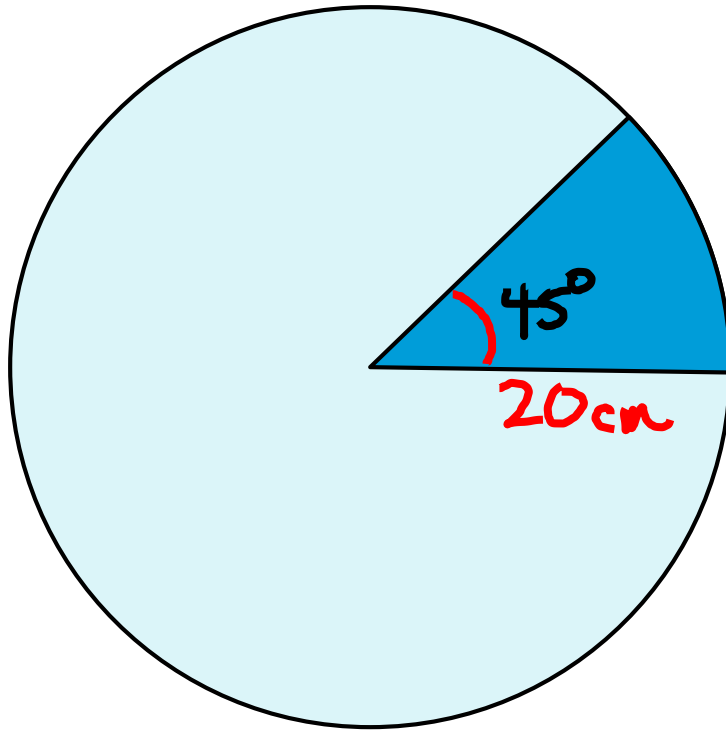
# Parts of a Circle

## Area of a Segment



# PRACTICE

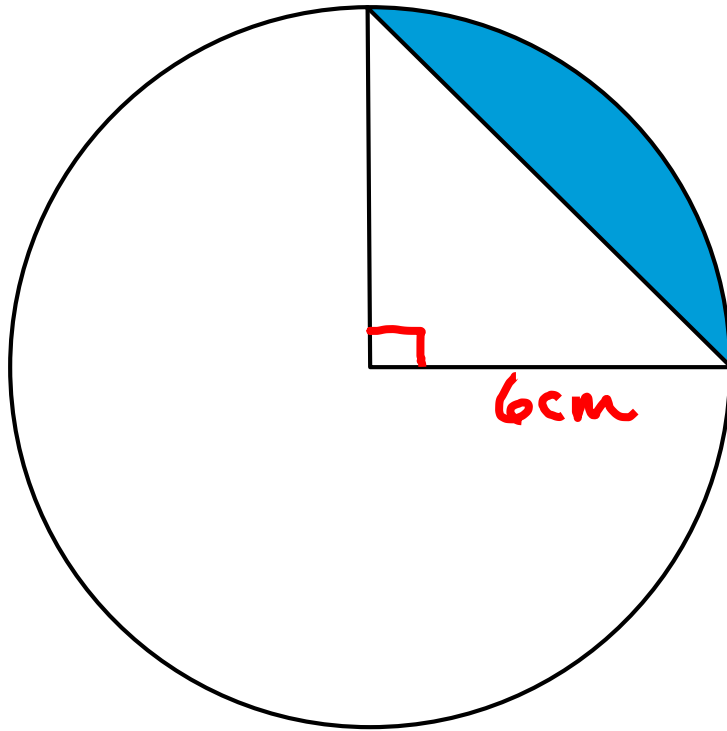
## Example 1





# PRACTICE

## Example 2



# PRACTICE

**Example 3** Sector Area =  $14\pi \text{ cm}^2$

