

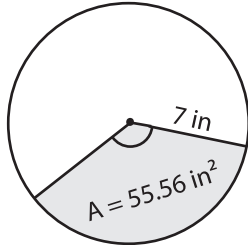
**Radius, Central Angle & Area**

$$\text{Area of a sector} = \frac{\text{central angle}}{360^\circ} \times \pi \times \text{radius}^2 = \frac{\theta \times \pi \times r^2}{360^\circ}$$



Find the missing one. Round the radius and central angle to the nearest whole number. Round the area to two decimal places. ( use  $\pi = 3.14$  )

1)

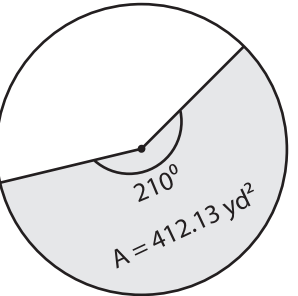
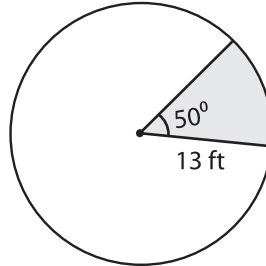


Radius = \_\_\_\_\_

Central angle = \_\_\_\_\_

Area of a sector = \_\_\_\_\_

2)

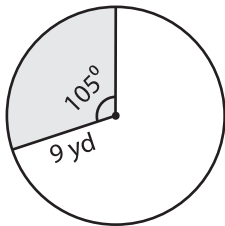


Radius = \_\_\_\_\_

Central angle = \_\_\_\_\_

Area of a sector = \_\_\_\_\_

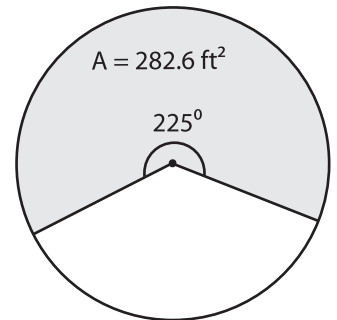
4)



Radius = \_\_\_\_\_

Central angle = \_\_\_\_\_

Area of a sector = \_\_\_\_\_



Radius = \_\_\_\_\_

Central angle = \_\_\_\_\_

Area of a sector = \_\_\_\_\_

**PREVIEW**

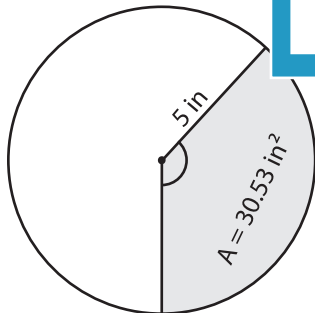
Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

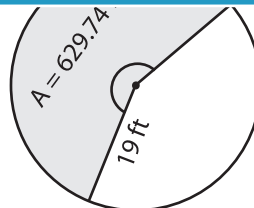
7)



Radius = \_\_\_\_\_

Central angle = \_\_\_\_\_

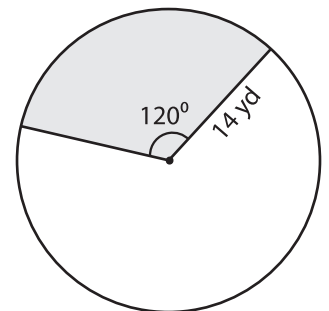
Area of a sector = \_\_\_\_\_



Radius = \_\_\_\_\_

Central angle = \_\_\_\_\_

Area of a sector = \_\_\_\_\_



Radius = \_\_\_\_\_

Central angle = \_\_\_\_\_

Area of a sector = \_\_\_\_\_