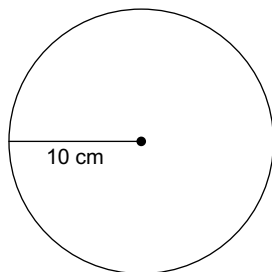


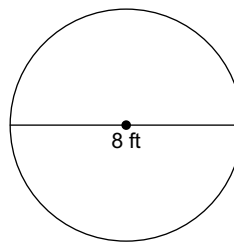
4.6 - Arc Length & Area of a Sector

Find the circumference of each circle.

1)



2)



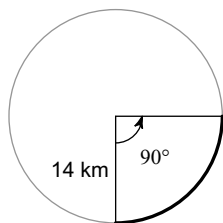
Find the radius of each circle.

3) circumference = 8π mi

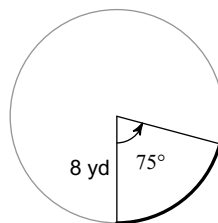
4) circumference = 18π cm

Find the length of each arc.

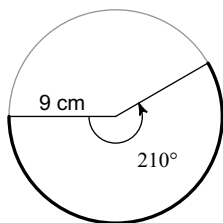
5)



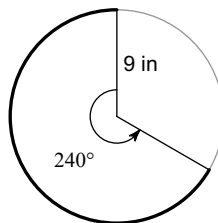
6)



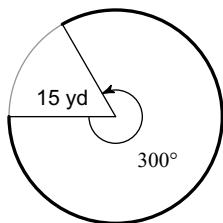
7)



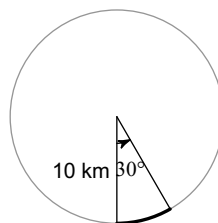
8)



9)

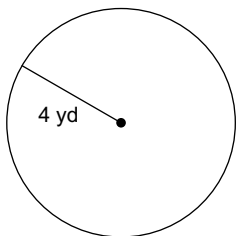


10)

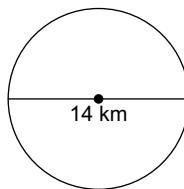


Find the area of each.

11)



12)



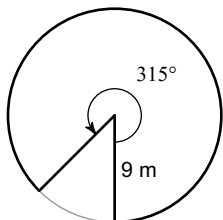
Find the radius of each circle.

13) area = 49π mi²

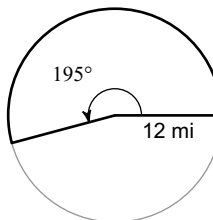
14) area = 16π in²

Find the area of each sector.

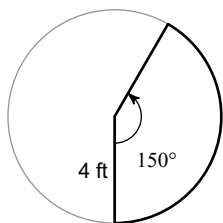
15)



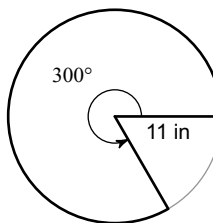
16)



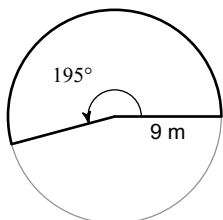
17)



18)



19)



20)

