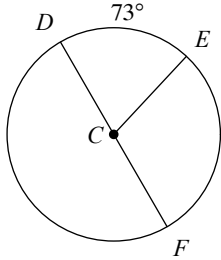


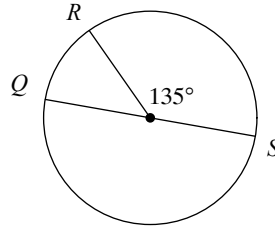
Circles Review

Find the measure of the arc or angle indicated.

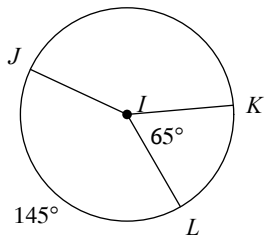
1)  $m\angle ECF$



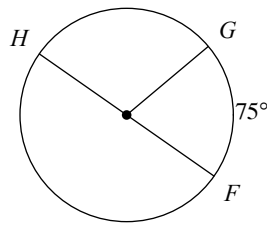
2)  $m\widehat{RSQ}$



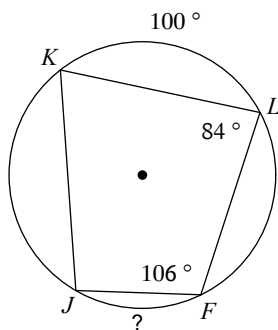
3)  $m\angle JIK$



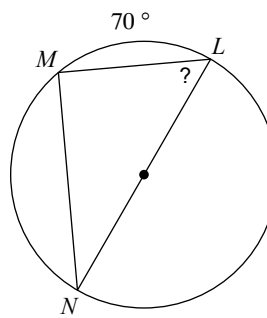
4)  $m\widehat{HG}$



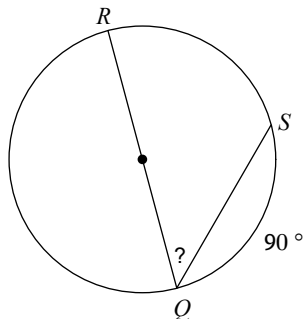
5)



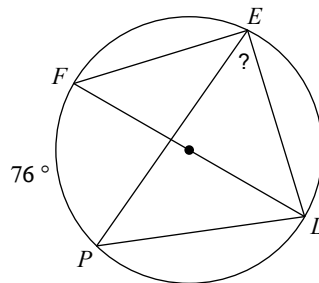
6)



7)



8)



**Convert each degree measure into radians.**

9)  $285^\circ$

10)  $135^\circ$

11)  $210^\circ$

12)  $250^\circ$

**Convert each radian measure into degrees.**

13)  $\frac{\pi}{12}$

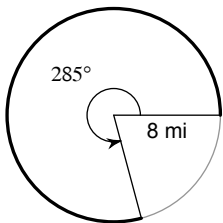
14)  $\frac{2\pi}{9}$

15)  $\frac{5\pi}{6}$

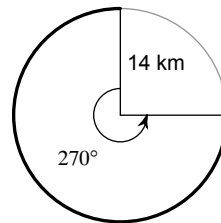
16)  $\frac{4\pi}{3}$

**Find the length of each arc. Write answers in exact and approximate forms.**

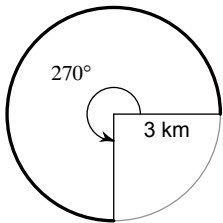
17)



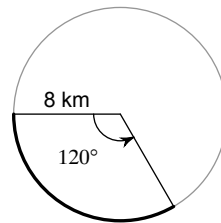
18)



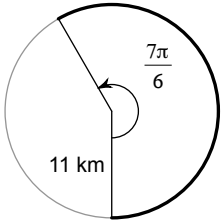
19)



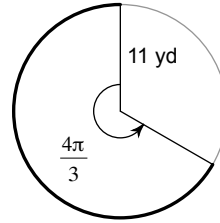
20)



21)

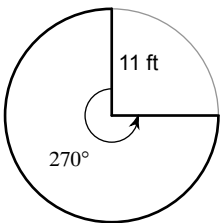


22)

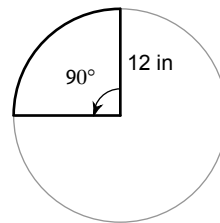


**Find the area of each sector. Write answers in exact and approximate forms.**

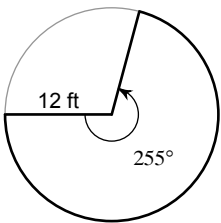
23)



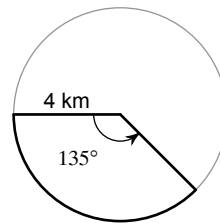
24)



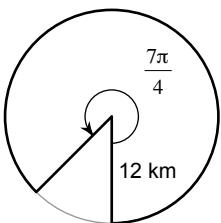
25)



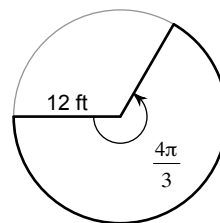
26)



27)

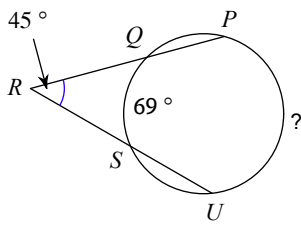


28)

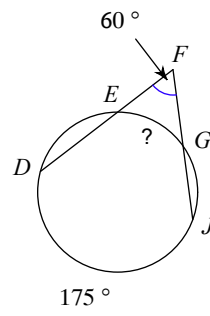


Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

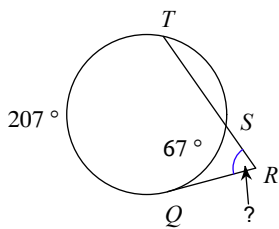
29)



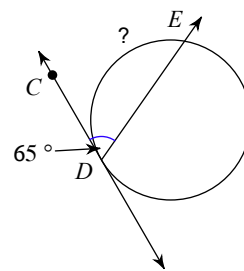
30)



31)

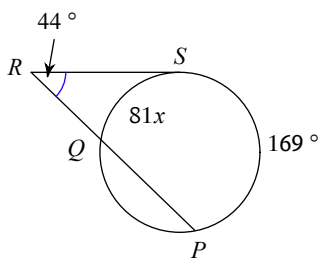


32)

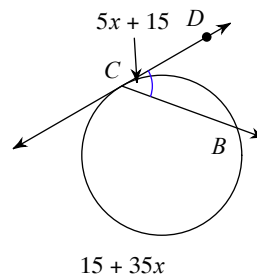


Solve for  $x$ . Assume that lines which appear tangent are tangent.

33)

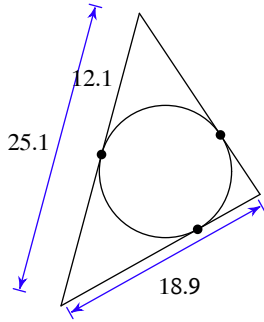


34)

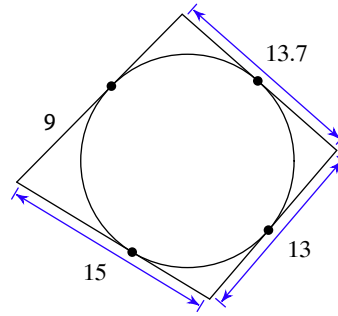


Find the perimeter of each polygon. Assume that lines which appear to be tangent are tangent.

35)

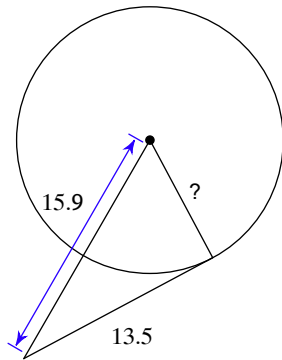


36)

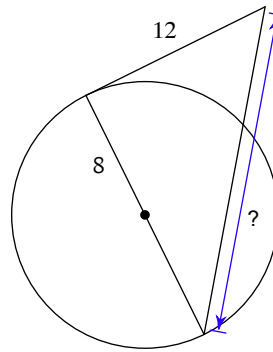


Find the segment length indicated. Assume that lines which appear to be tangent are tangent.

37)

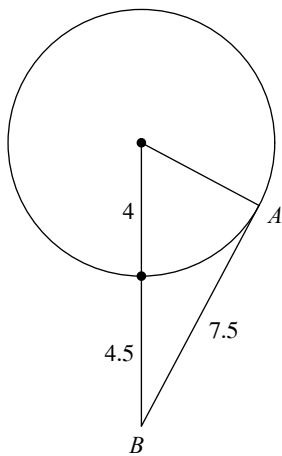


38)

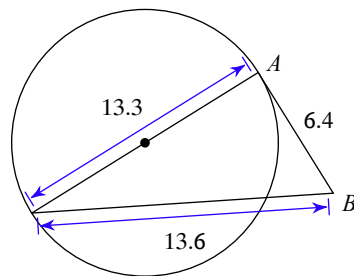


Determine if line AB is tangent to the circle.

39)



40)



41) Draw a triangle inscribed in a circle.

42) Draw a square circumscribed about a circle.