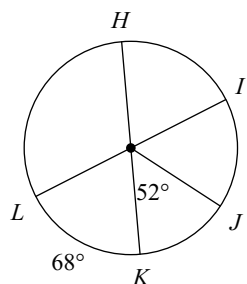


Unit 8 Review - Circles

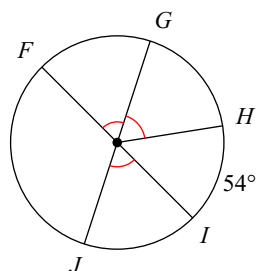
Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

1) $m\widehat{HJ}$



- A) 128° B) 141°
C) 143° D) 130°

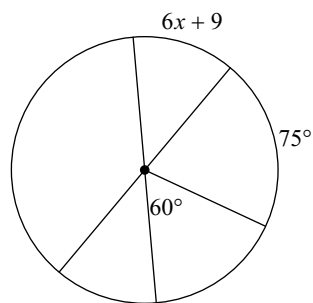
2) $m\widehat{FH}$



- A) 94° B) 134°
C) 35° D) 126°

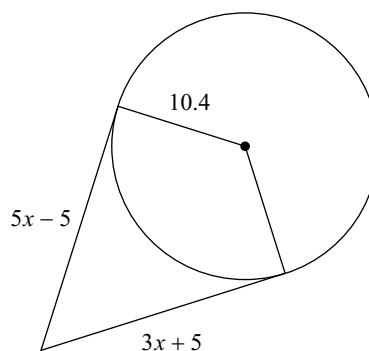
Solve for x . Assume that lines which appear to be tangent or diameters are actual are.

3)



- A) 9 B) 7
C) 3 D) 6

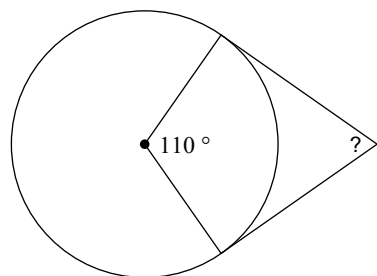
4)



- A) 3 B) 5
C) 4 D) 7

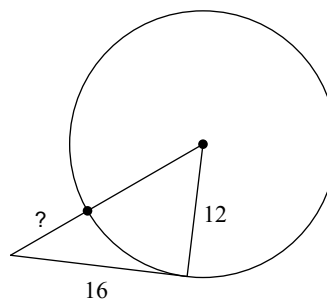
Find the missing segment or angle measure indicated. Assume that lines which appear to be tangent are tangent.

5)



- A) 40° B) 70°
C) 34° D) 38°

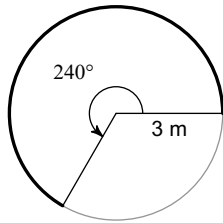
6)



- A) 9.4 B) 6.3
C) 8 D) 14.9

Find the length of each arc.

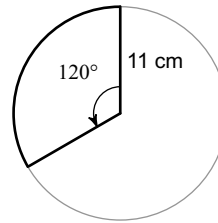
7)



- A) 4π m B) $\frac{9\pi}{8}$ m
C) $\frac{51\pi}{2}$ m D) 6π m

Find the area of each sector.

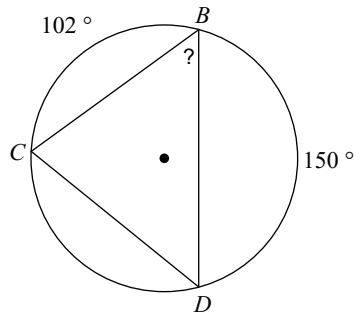
8)



- A) $\frac{22\pi}{3}$ cm² B) $\frac{121\pi}{3}$ cm²
C) 150π cm² D) $\frac{8\pi}{3}$ cm²

Find the measure of the arc or angle indicated.

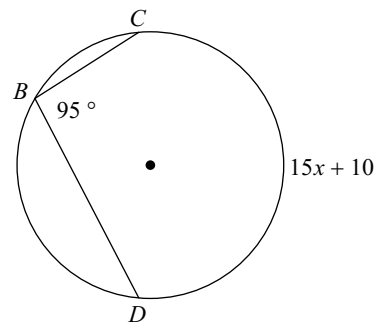
9)



- A) 48° B) 33°
C) 54° D) 73°

Solve for x .

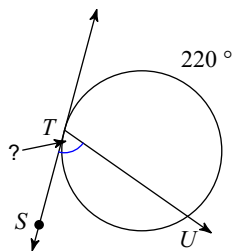
10)



- A) 5 B) 9
C) 15 D) 12

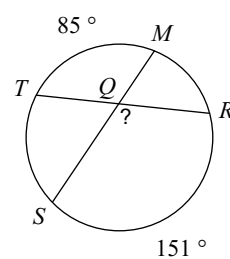
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

11)



- A) 70° B) 75°
C) 50° D) 53°

12)



- A) 168° B) 117°
C) 163° D) 118°