

1. Use the diagram below, state a figure with correct notation that best describes the term.

Chord _____

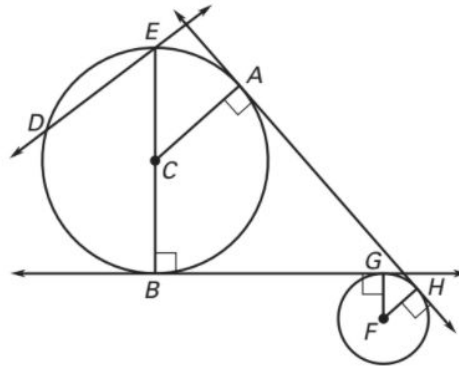
Point of Tangency _____

Center _____

Radius _____

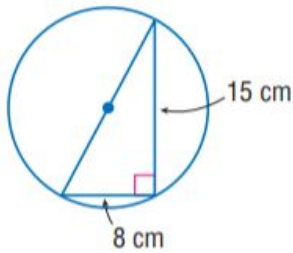
Diameter _____

Secant _____

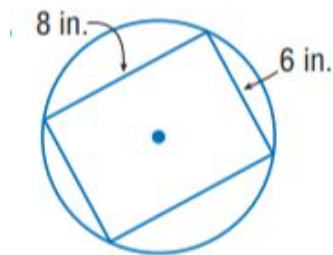


2. Find the circumference of each circle by using the given inscribed or circumscribed polygon.

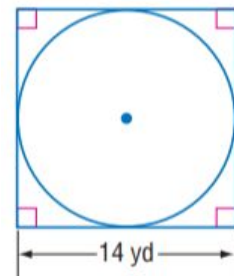
a.



b.



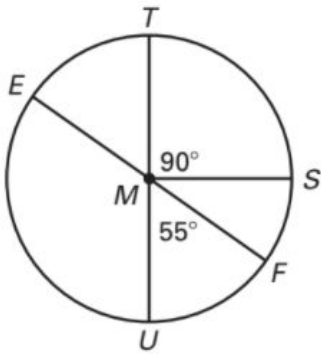
c.



3. If the diameter of a circle is 8cm, what is the radius?

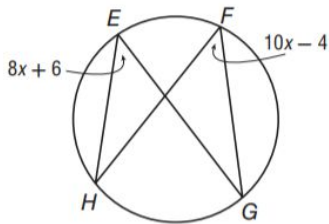
4. If the circumference of a circle is 16π in what is the area of the circle?

5. Find the indicated measures:

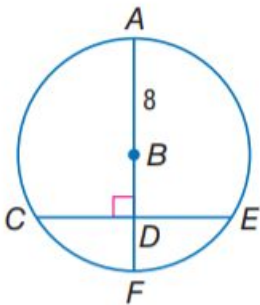


- $m\widehat{ET}$
- $m\widehat{SF}$
- $m\angle EMS$
- $m\widehat{TSF}$
- $m\angle SMU$
- $m\angle EMU$

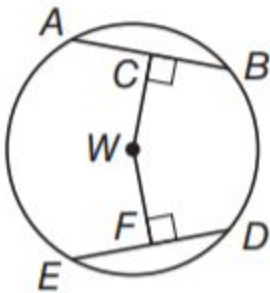
6. Find the value of x



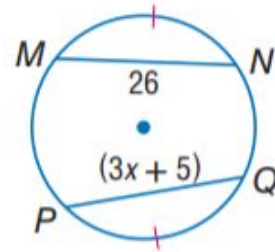
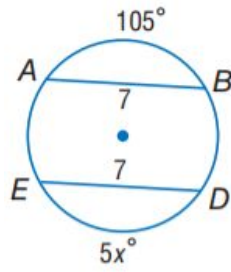
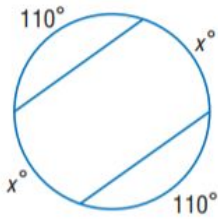
7. In $\odot B$, $CE = 13.5$. Find BD , round to the nearest hundredth.



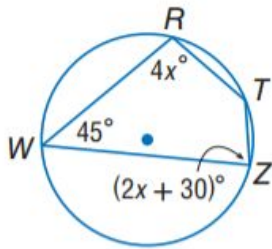
8. If $CW = WF$ and $ED = 30$, what is the measure of AB ?



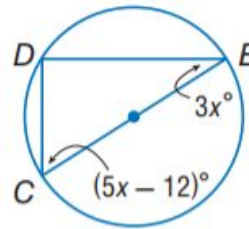
9. Find the value of x



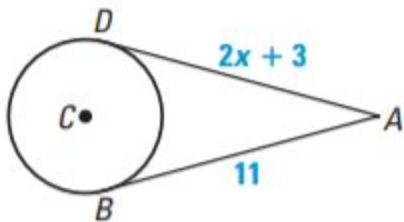
10. Find the $m\angle T$ and $m\angle Z$



11. Find the value of x

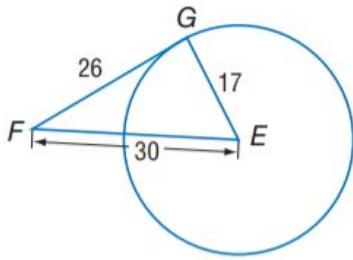


12. Solve for x

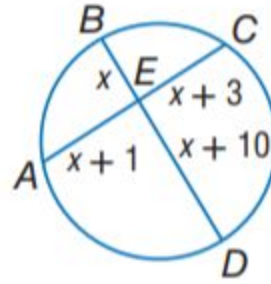


$x =$ _____

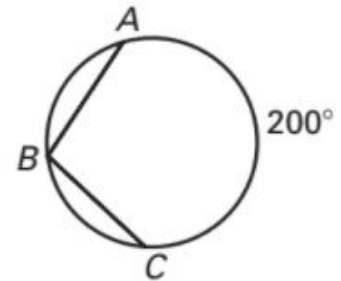
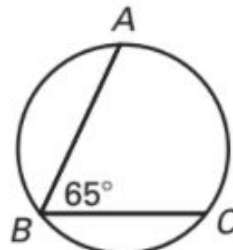
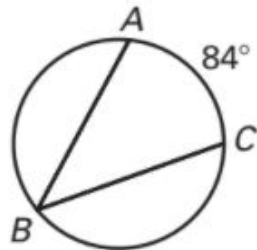
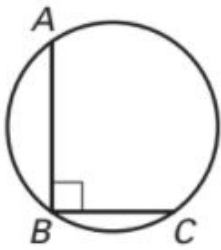
13. Determine whether \overline{FG} is tangent to the circle:



14. Find the value of x

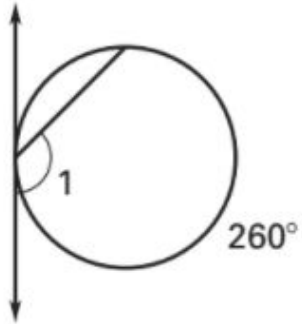


15. Find the unknown lengths of $\angle ABC$ or arc AC

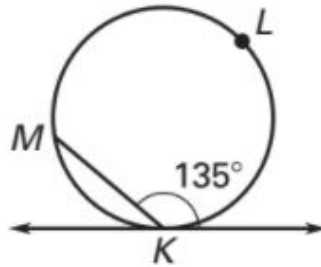


16. Find the indicated measure.

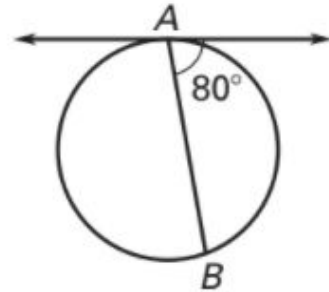
$$m\angle 1 =$$



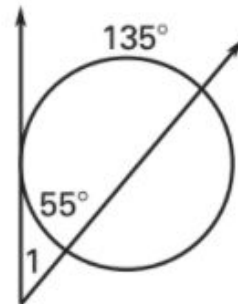
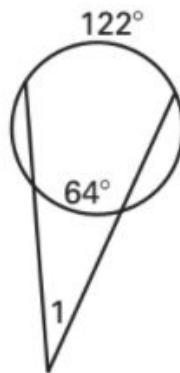
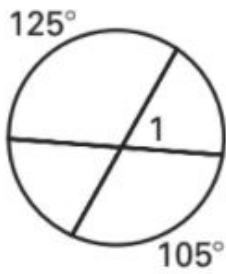
$$m\widehat{MLK} =$$



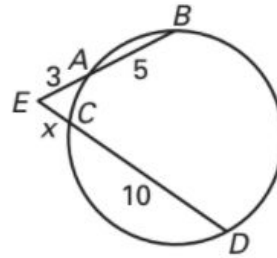
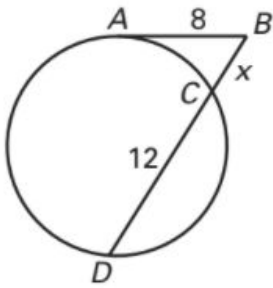
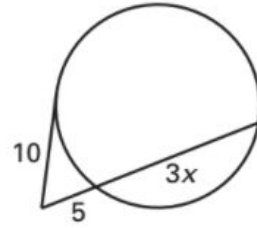
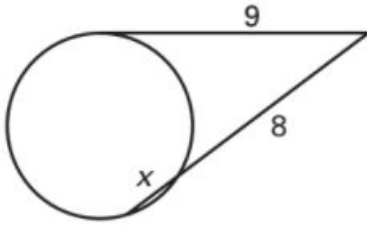
$$m\widehat{AB} =$$



17. Find the $m\angle 1$



18. Find the value of x



19. Identify the center and radius of the circle $(x - 2)^2 + (y + 4)^2 = 25$