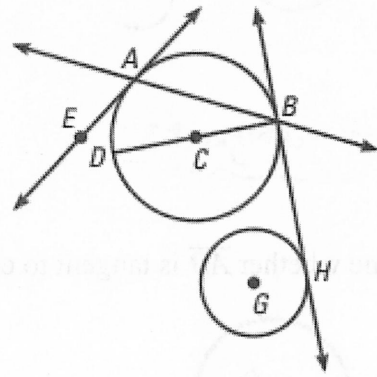


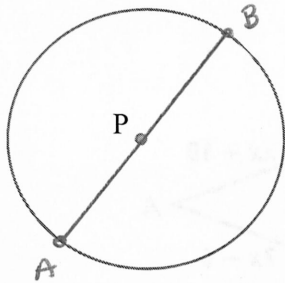
1. B G.
2. \overleftrightarrow{BH} H.
3. \overline{AB} C.
4. \overleftrightarrow{AB} E.
5. \overleftrightarrow{AE} F.
6. G A.
7. \overline{CD} B.
8. \overline{BD} D.

- A. Center
- B. Radius
- C. Chord
- D. Diameter
- E. Secant
- F. Tangent
- G. Point of tangency
- H. Common tangent

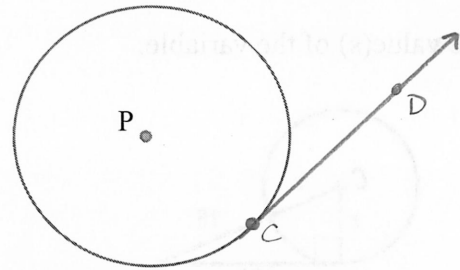


Use $\odot P$ to draw the described part of the circle.

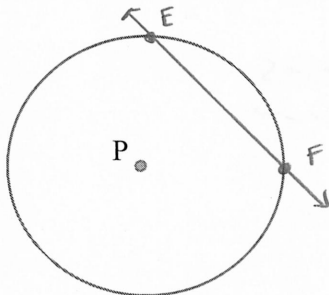
9. Draw a diameter and label it \overline{AB}



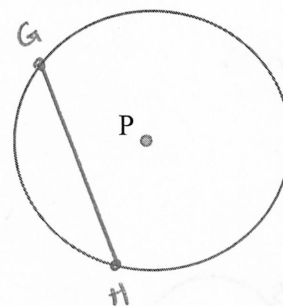
10. Draw a tangent ray and label it \overleftrightarrow{CD}



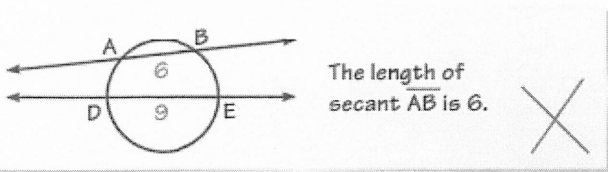
11. Draw a secant and label it \overleftrightarrow{EF}



11. Draw a chord and label it \overline{GH}



12. Describe and correct the error in the statement about the diagram.

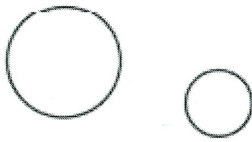


* \overline{AB} is a chord, \overleftrightarrow{AB} is a secant
 $\therefore \overline{AB} = 6$ units

and

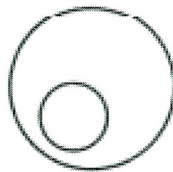
Tell how many common tangents the circles have and draw them.

13.



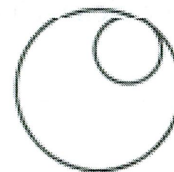
4 tangents

14.



0 tangents

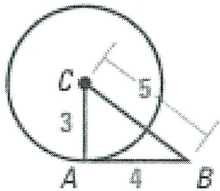
15.



1 tangent

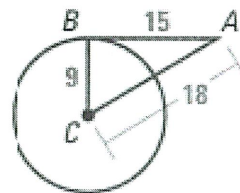
Determine whether \overline{AB} is tangent to circle C. * Use Pythagorean Thm *

16.



\overline{AB} is tangent to $\odot C$

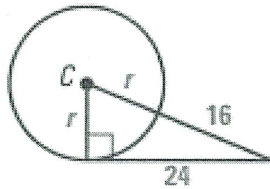
17.



\overline{AB} is not tangent to $\odot C$

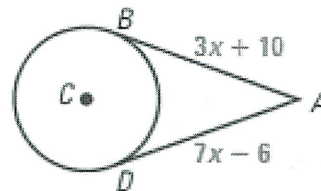
Find the value(s) of the variable.

18.



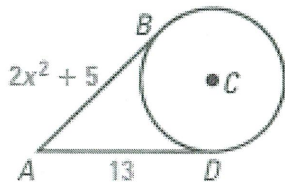
$r = 10$ units

19.



$x = 4$ units

20.



$x = 2$ units