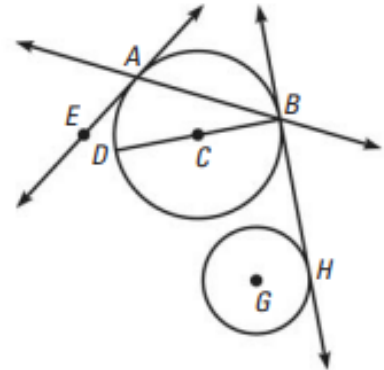


Match the notation with the term that best describes it.

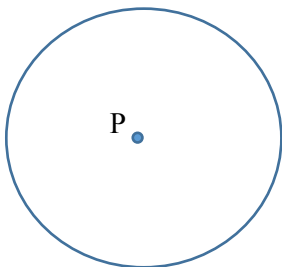
1. B \_\_\_\_\_
2.  $\overleftrightarrow{BH}$  \_\_\_\_\_
3.  $\overline{AB}$  \_\_\_\_\_
4.  $\overleftrightarrow{AB}$  \_\_\_\_\_
5.  $\overleftrightarrow{AE}$  \_\_\_\_\_
6. G \_\_\_\_\_
7.  $\overline{CD}$  \_\_\_\_\_
8.  $\overline{BD}$  \_\_\_\_\_

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

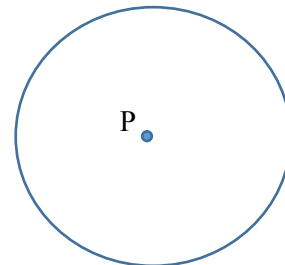


Use  $\odot P$  to draw the described part of the circle.

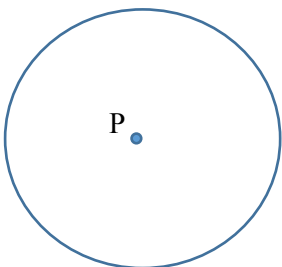
9. Draw a diameter and label it  $\overline{AB}$



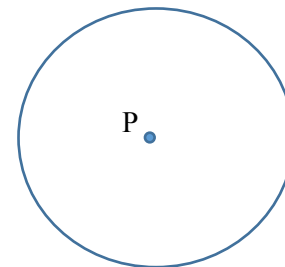
10. Draw a tangent ray and label it  $\overleftrightarrow{CD}$



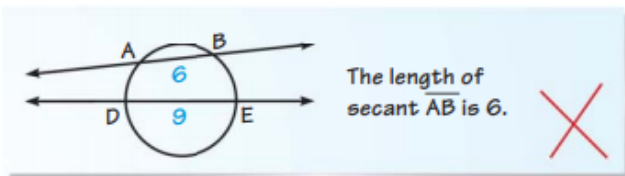
11. Draw a secant and label it  $\overleftrightarrow{EF}$



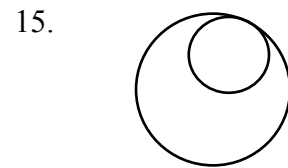
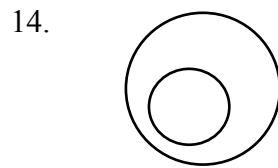
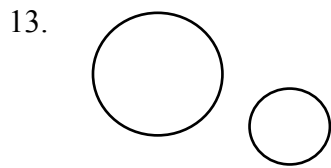
11. Draw a chord and label it  $\overline{GH}$



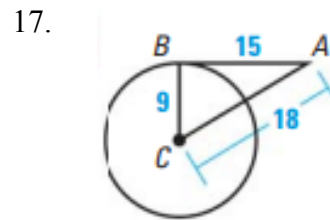
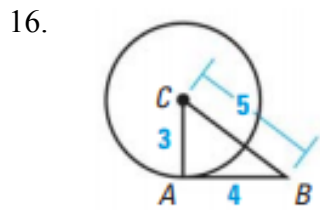
12. Describe and correct the error in the statement about the diagram.



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



Determine whether  $\overline{AB}$  is tangent to circle C.



Find the value(s) of the variable.

