

REVIEW CIRCLES

FILL IN THE BLANK.

1) A is the _____ of the circle.

2) Name a radius. _____

3) \overline{DB} is a(n) _____.

4) \overleftrightarrow{DB} is a(n) _____.

5) \overline{DC} is a(n) _____ and a _____.

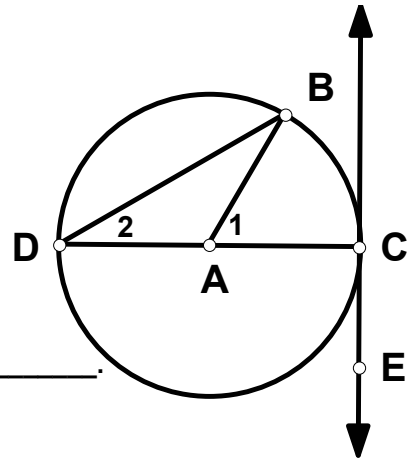
6) \widehat{BC} is a(n) _____ arc.

7) \widehat{DBC} is a(n) _____.

8) \widehat{DCB} is a(n) _____ arc.

10) $\angle 2$ is a(n) _____ angle.

12) \overleftrightarrow{CE} is a(n) _____.



9) $\angle 1$ is a(n) _____ angle.

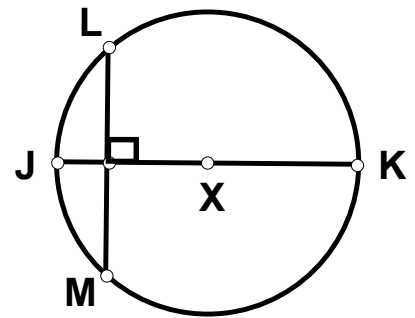
11) \widehat{BC} is the _____ arc of $\angle 1$ and $\angle 2$.

13) C is the _____.

14) Name the arc of chord \overline{LM} . _____

15) Name the major arc of chord \overline{LM} . _____

16) List 3 things that are congruent. _____ \cong _____
 _____ \cong _____
 _____ \cong _____

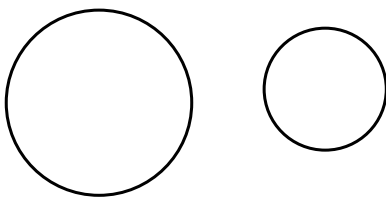


17) Draw a pair of internally tangent circles.

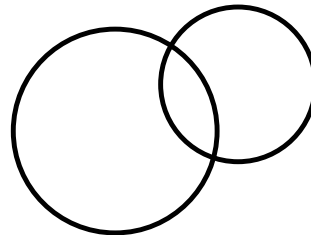
18) Draw a pair of externally tangent circles.

FOR EACH OF THE FOLLOWING, DRAW ALL OF THE COMMON TANGENTS AND LABEL THEM AS EXTERNAL OR INTERNAL COMMON TANGENTS.

19)

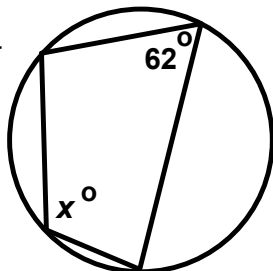


20)

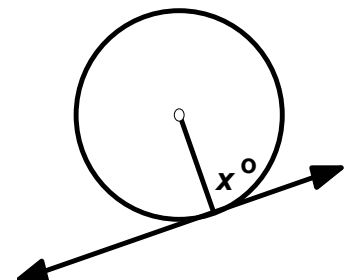


FOR EACH OF THE FOLLOWING, SOLVE FOR X.

21) $x =$ _____



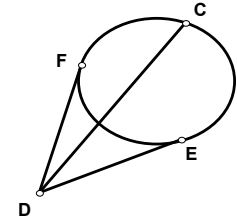
22) $x =$ _____



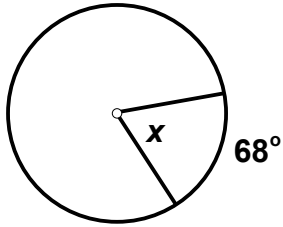
23) \overline{DC} is a _____.

24) \overline{DE} is a _____.

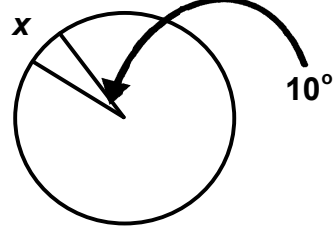
25) What is true about \overline{DF} and \overline{DE} ?
SOLVE EACH PROBLEM FOR X.



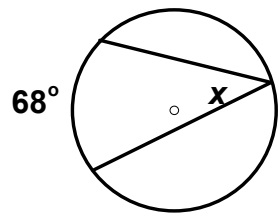
26) $x =$ _____



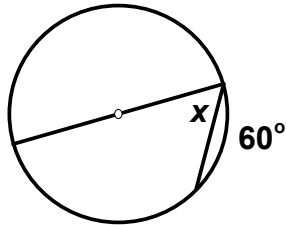
27) $x =$ _____



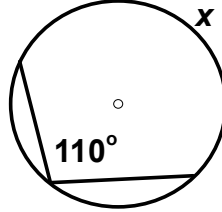
28) $x =$ _____



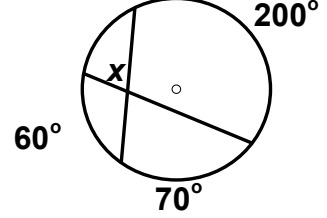
29) $x =$ _____



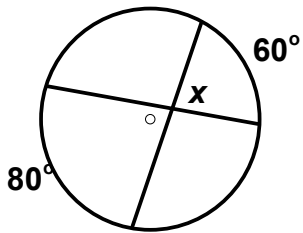
30) $x =$ _____



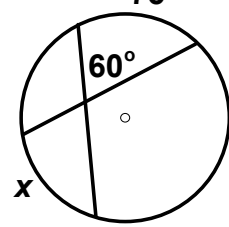
31) $x =$ _____



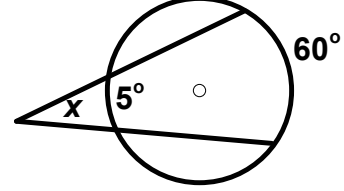
32) $x =$ _____



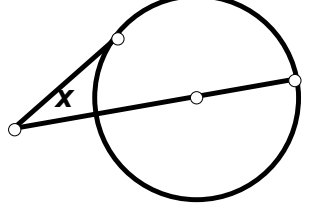
33) $x =$ _____



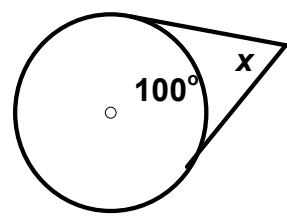
34) $x =$ _____



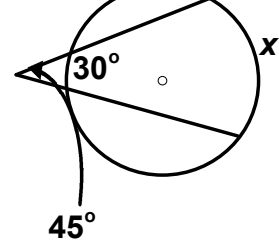
35) $x =$ _____



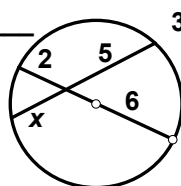
36) $x =$ _____



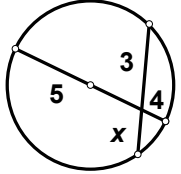
37) $x =$ _____



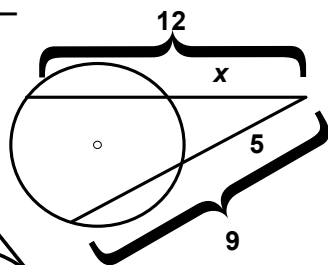
38) $x =$ _____



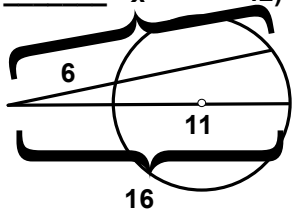
39) $x =$ _____



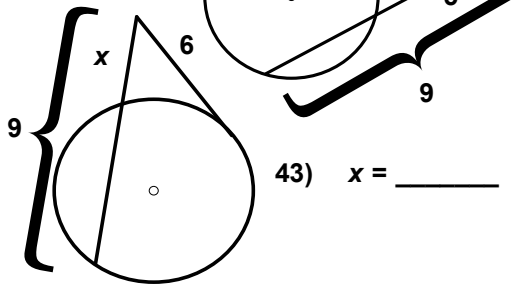
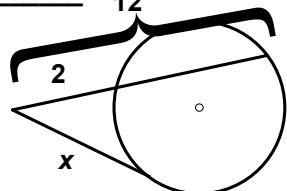
40) $x =$ _____



41) $x =$ _____



42) $x =$ _____



43) $x =$ _____