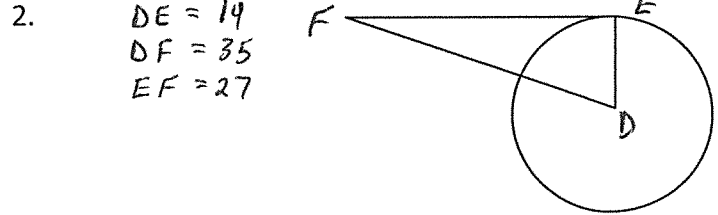
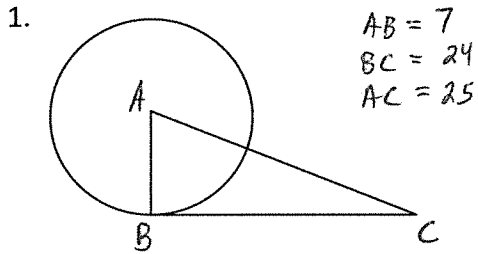
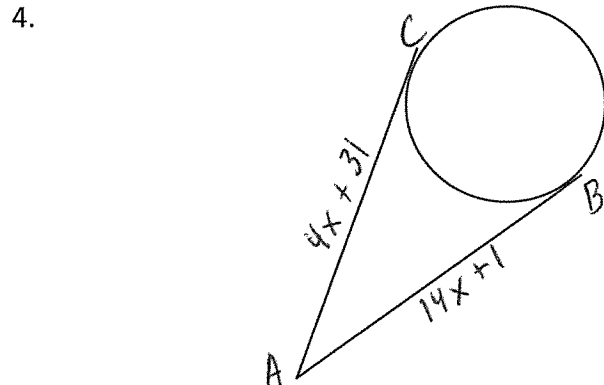
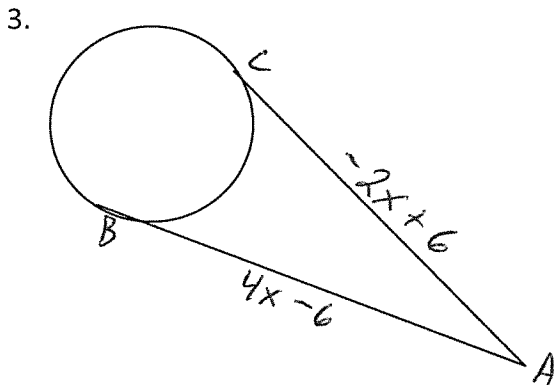


Focus on Tangents, Arc Measures, & Chords – Day 2
Unit 7: Circles

For each of the following identify if the line that appears to be tangent really is. Explain your answer.



Find the length of AB.



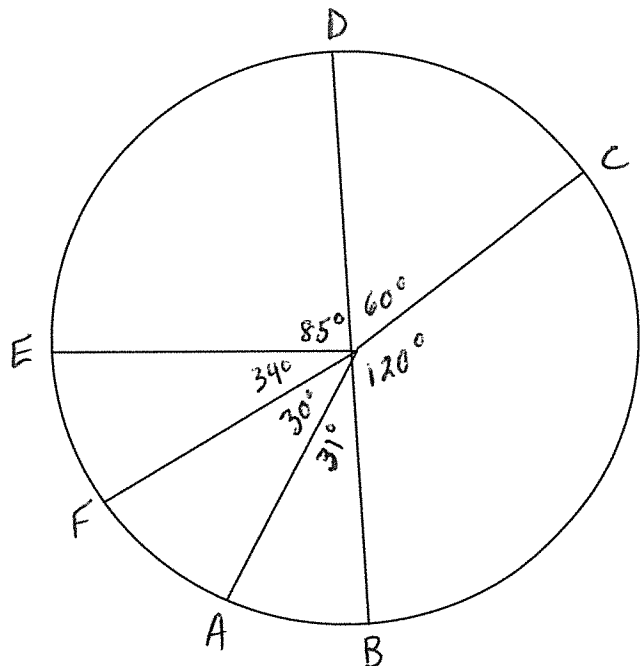
Given the following figure find the arc measure indicated, and then indicate if the measure is a minor arc, major arc, or semicircle.

5. $m\widehat{FD}$

6. $m\widehat{DCB}$

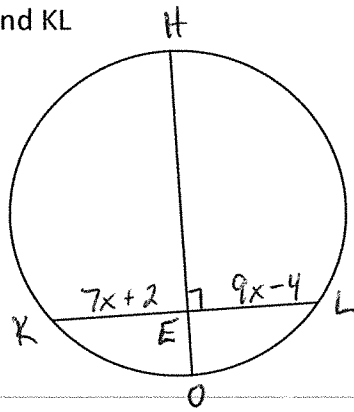
7. $m\widehat{BAC}$

8. $m\widehat{DBA}$

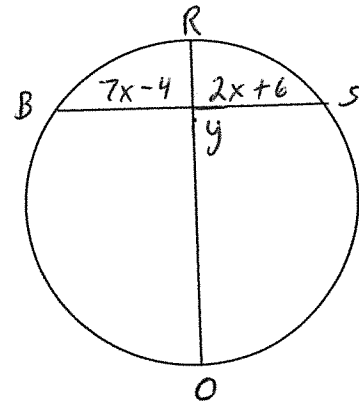


Identify if the following chords are perpendicular bisectors of each other or not. Then give the value of the indicated segment.

9. Find KL



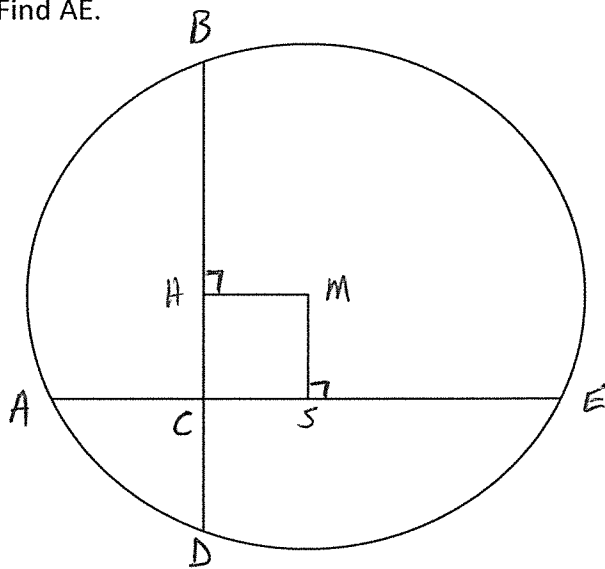
10. Find RO



Find the value of the variable, then find the measure of the chord indicated.

11. $HM = MS$.

Find AE.

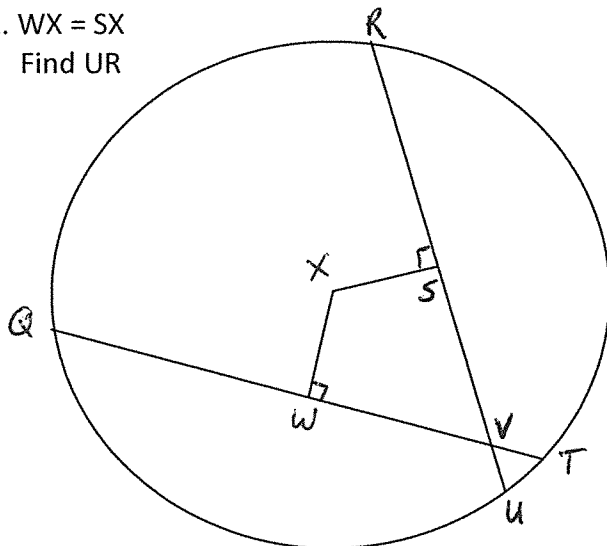


$$AE = 17x + 11$$

$$BD = 3x + 39$$

12. $WX = SX$

Find UR



$$QT = 5x + 14$$

$$RU = 15x - 6$$