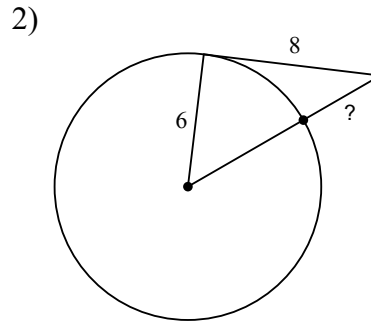
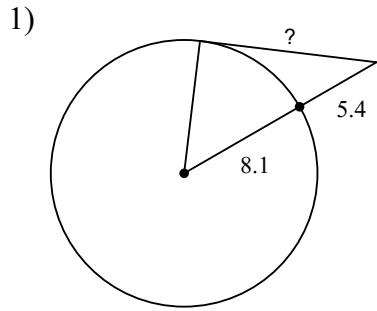
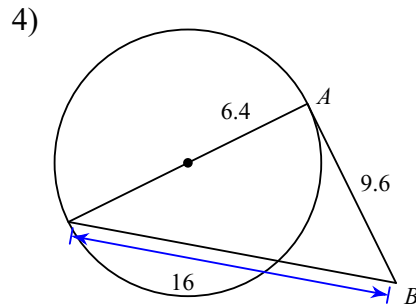
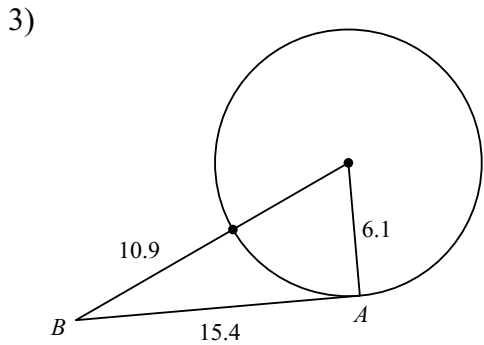


11.3 ~ Interior & Exterior Angles of Circles

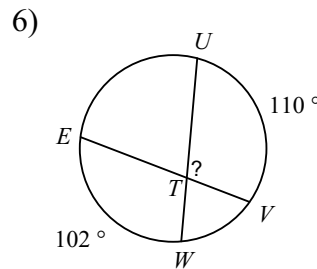
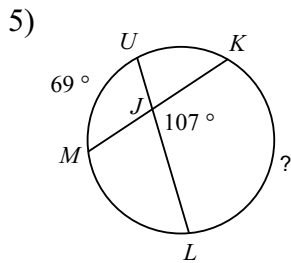
Use the Tangent to a Circle Theorem to find the segment length indicated. Assume that lines which appear to be tangent are tangent. If necessary, round solutions to the nearest tenth.



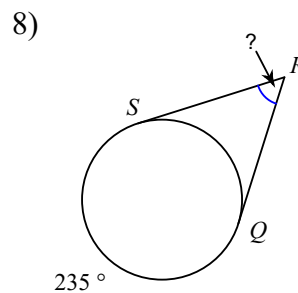
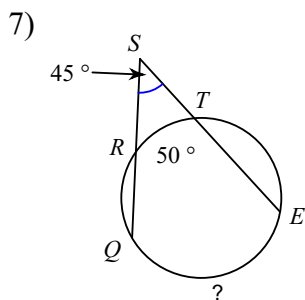
Use the Tangent to a Circle Theorem to determine if line  $AB$  is tangent to the circle.



Use the Interior Angles of a Circle Theorem to find the measure of the arc or angle indicated.

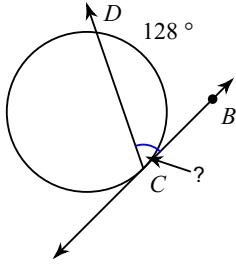


Use the Exterior Angles of a Circle Theorem to find the measure of the arc or angle indicated.

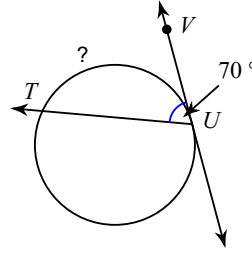


Find the measure of the arc or angle indicated. Explain how you obtained your answer.

9)

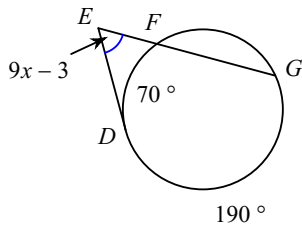


10)

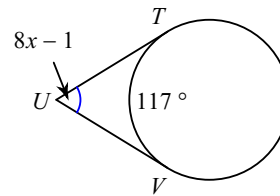


Use the Interior (or Exterior) Angles of a Circle Theorem to set up and solve an equation to find the value of  $x$ . Assume that lines which appear tangent are tangent.

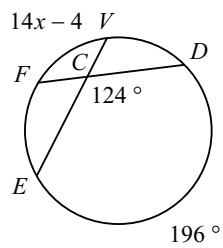
11)



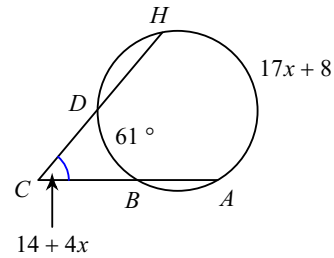
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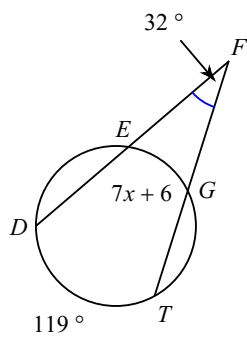
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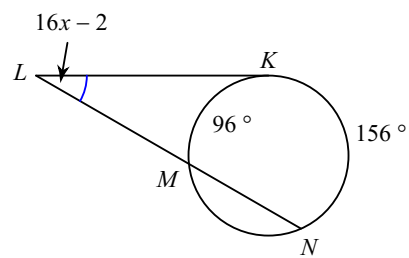
14)



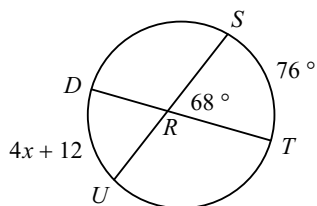
15)



16)



17)



18)

