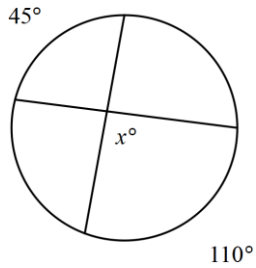


Name: _____ Period: _____

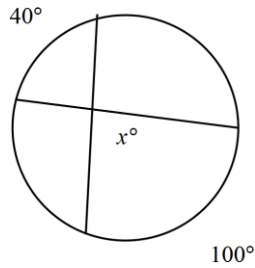
SM2 12.2—Inscribed Polygons and Tangent and Chord Theorems

Find the value of x .

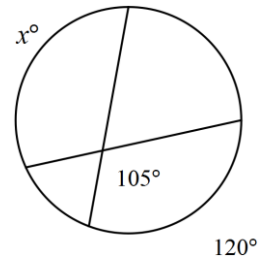
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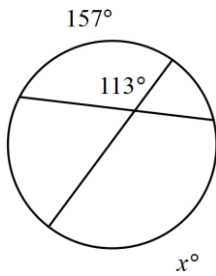
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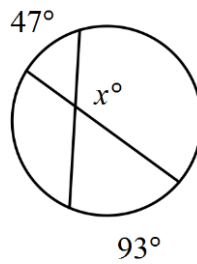
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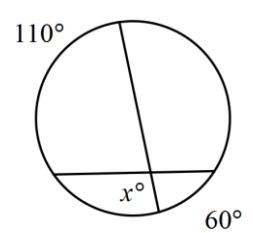
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5.

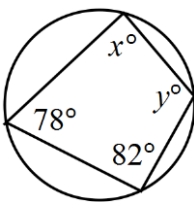


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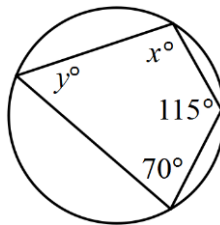


Find the values of x and y .

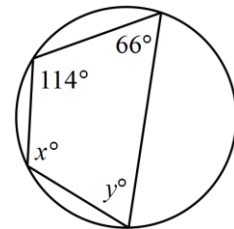
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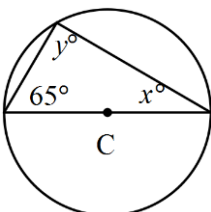
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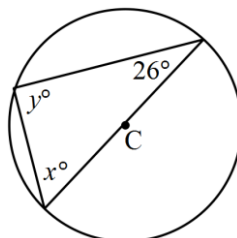
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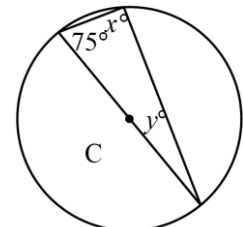
10.



11.

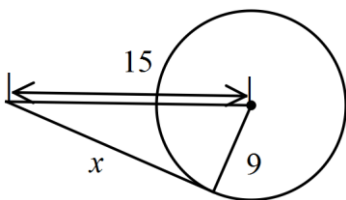


12.

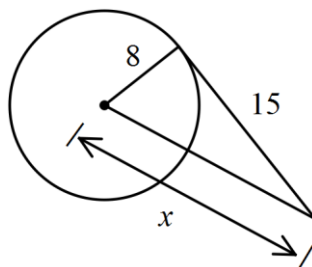


Find the segment length indicated. Assume that segments which appear to be tangent to the circle are tangent to the circle. If necessary, round your answers to the nearest tenth.

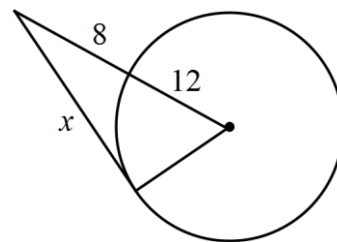
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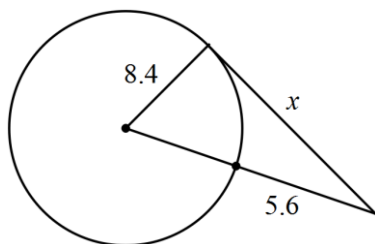
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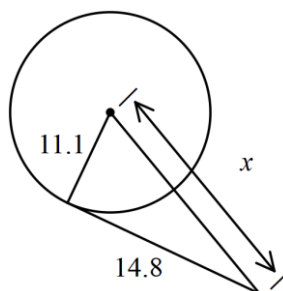
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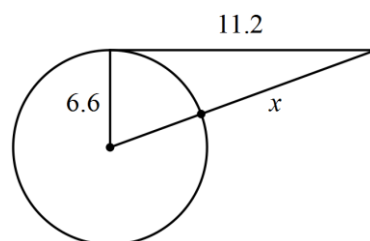
17.



18.

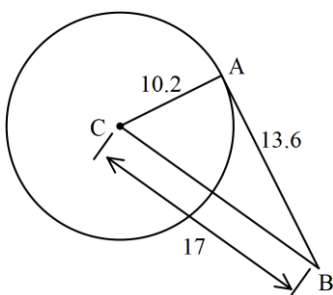


19.

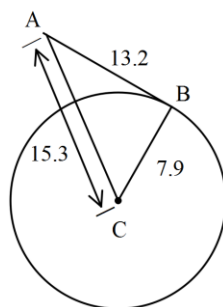


Determine if segment AB is tangent to the circle.

20.



21.



22.

