Math 3 Name_____

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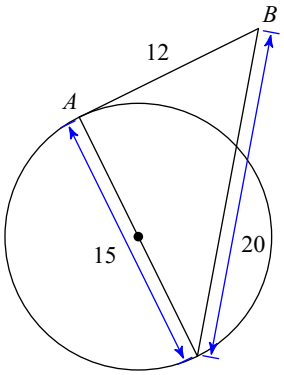
Unit 6.3 Tangent Lines EXAMPLE

Determine if line AB is tangent to the circle.

1)



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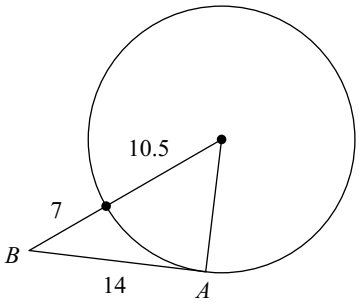

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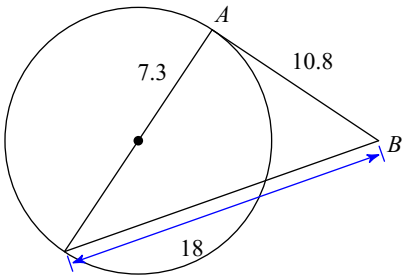

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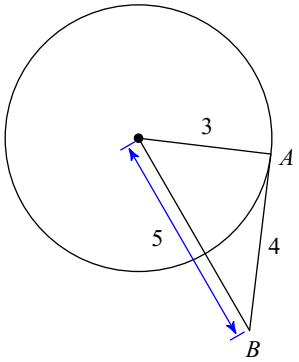
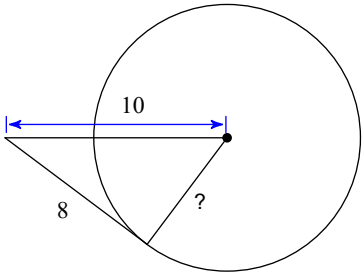


Find the segment length indicated. Assume that lines which appear to be tangent are tangent.

5)



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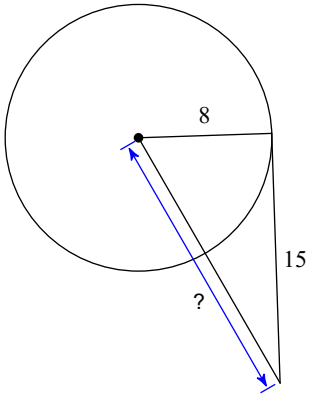

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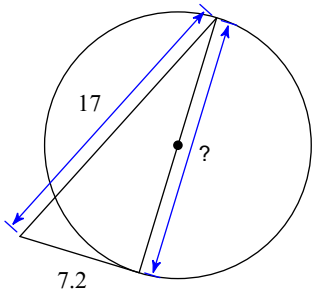

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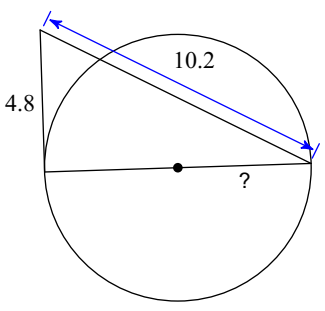

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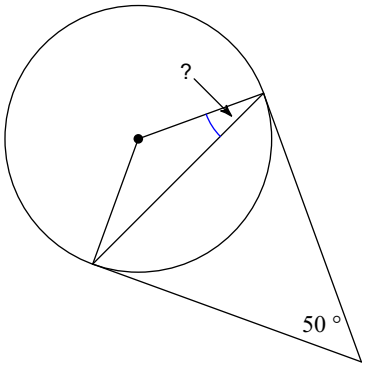
Find the angle measure indicated. Assume that lines which appear to be tangent are tangent.

9)



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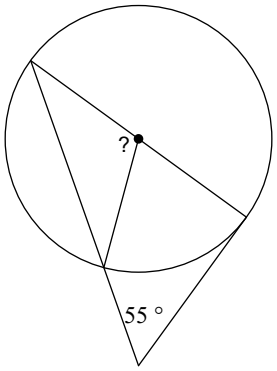

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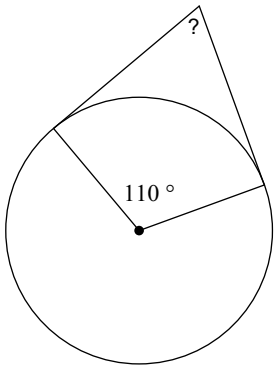

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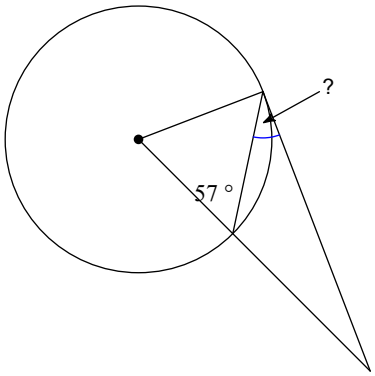

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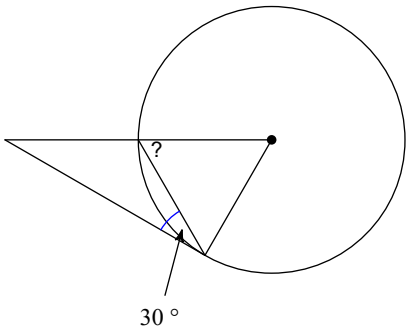

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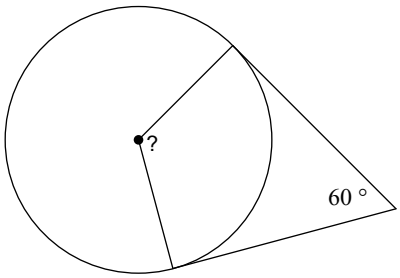
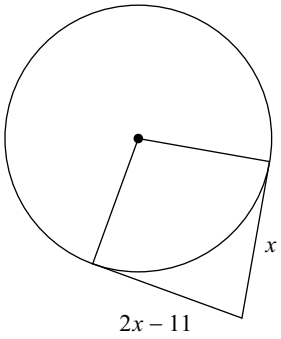


Solve for *x*. Assume that lines which appear to be tangent are tangent.

15)



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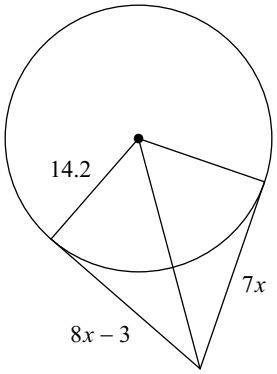

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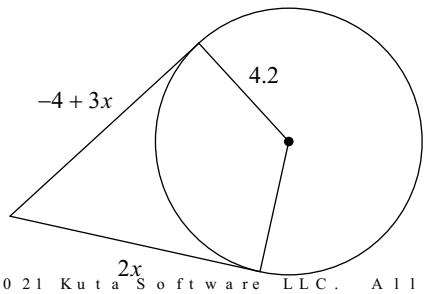

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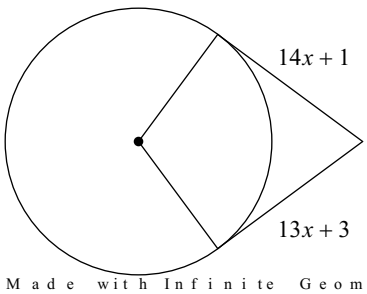

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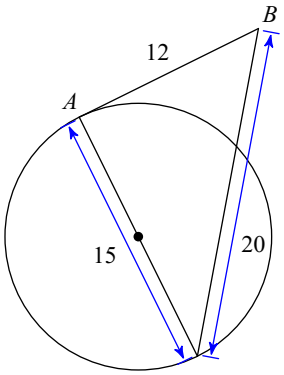
Unit 6.3 Tangent Lines EXAMPLE

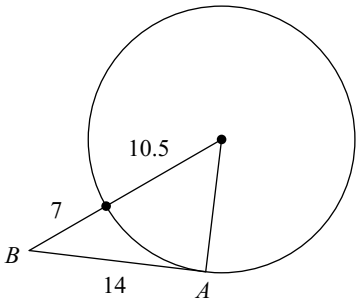
Determine if line AB is tangent to the circle.

1)



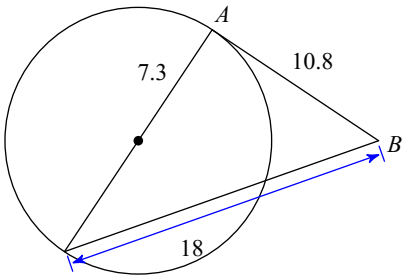
Not tangent

2)



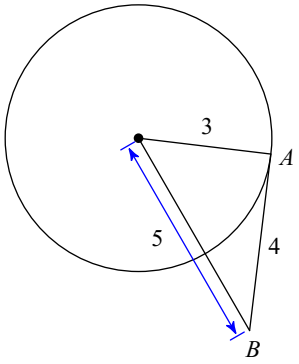
Tangent

3)



Not tangent

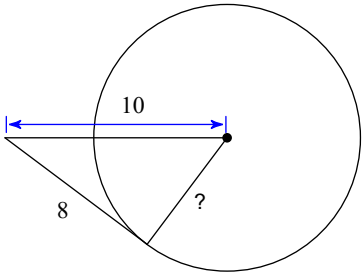
4)



Tangent

Find the segment length indicated. Assume that lines which appear to be tangent are tangent.

5)



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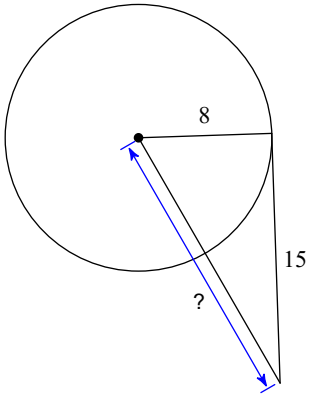
6)



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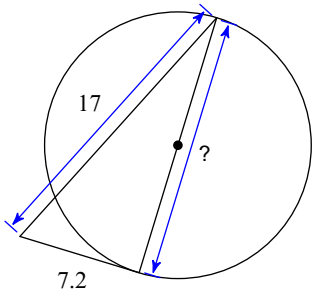

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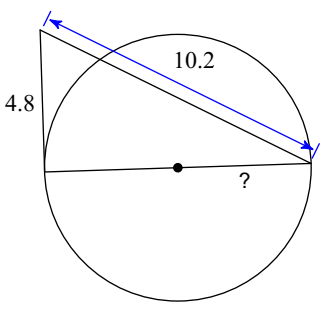
8)



4.5

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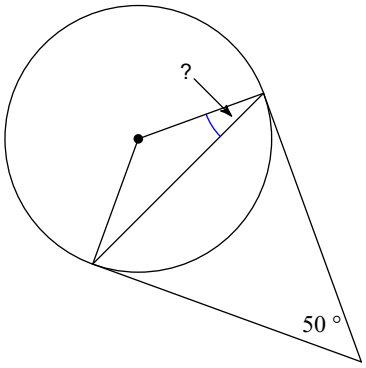
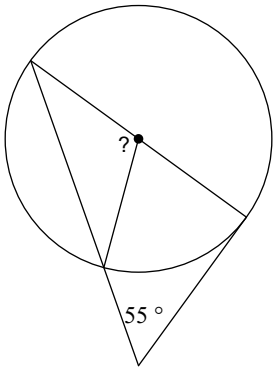
Find the angle measure indicated. Assume that lines which appear to be tangent are tangent.

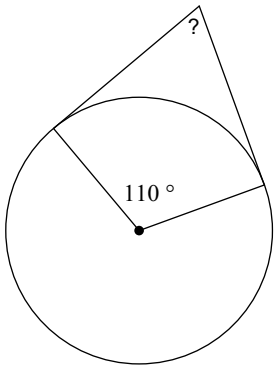
9) 25°



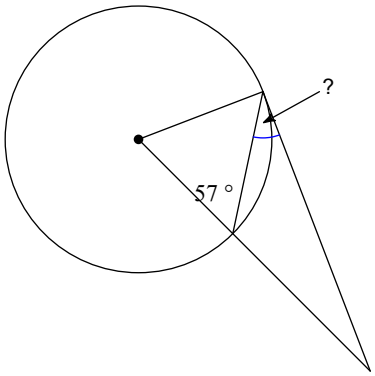
10) 110°



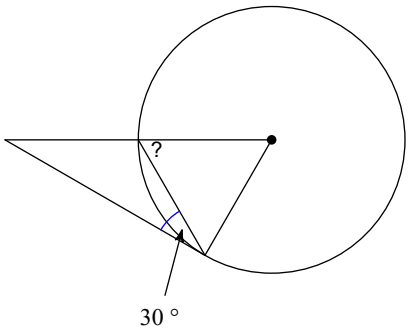
11) 70°



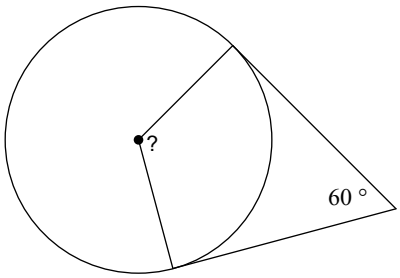
12) 33°



13) 60°

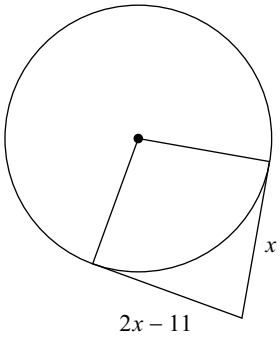


14) 120°

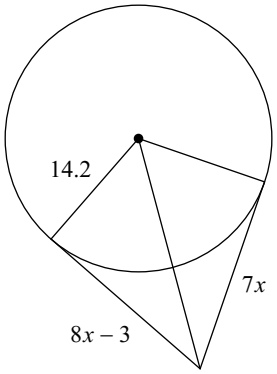


Solve for *x*. Assume that lines which appear to be tangent are tangent.

15) 11



16) 3



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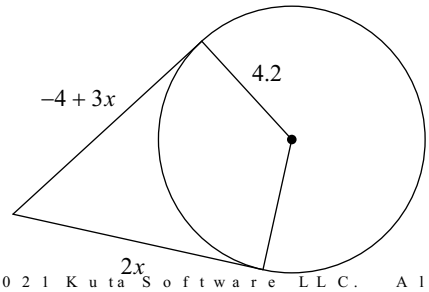
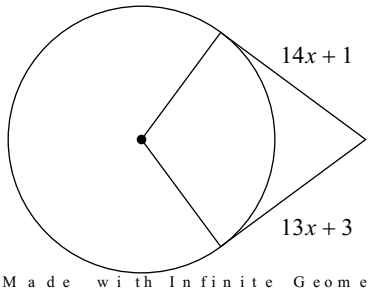


18) 2



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