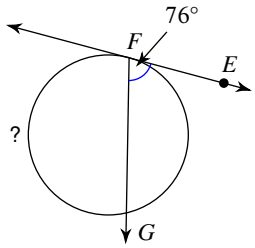
Candle Center - Infinite Geometry Name_____

Secant-Tangent and Tangent-Tangent Angles

Date_____ Period____

Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1)



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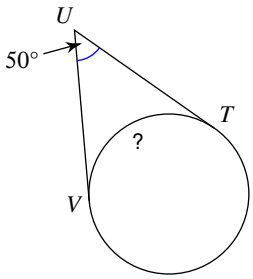

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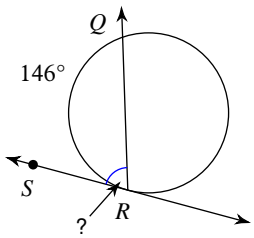

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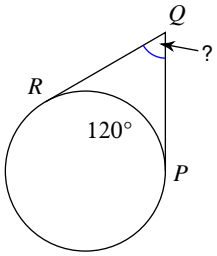

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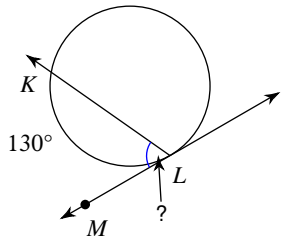

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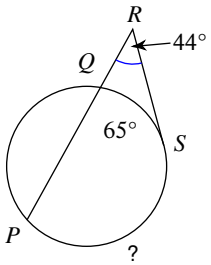

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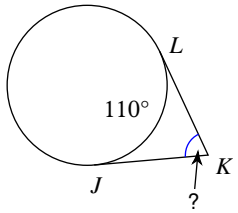

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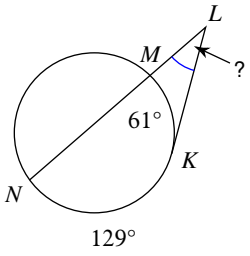
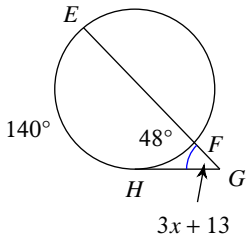


Solve for x. Assume that lines which appear tangent are tangent.

9)



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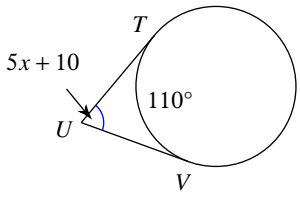

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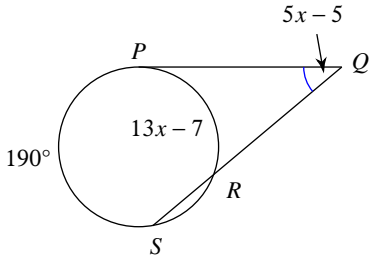

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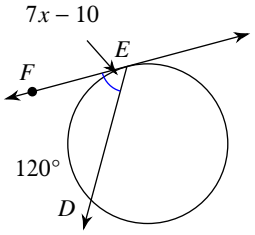

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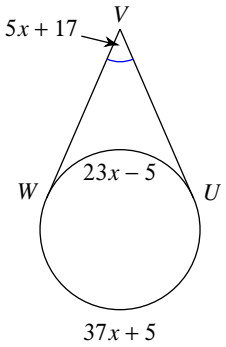

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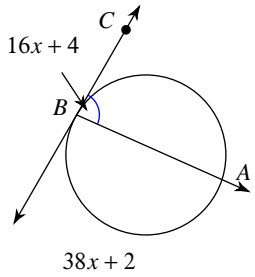
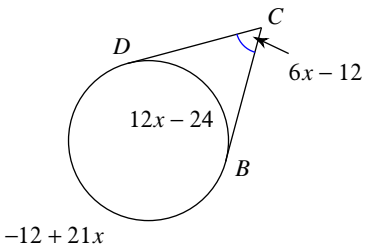
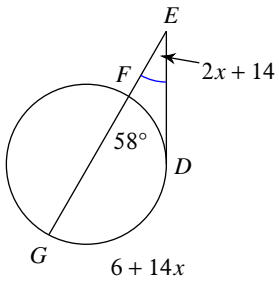


Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

15) Find $m\widehat{BD}$



16) Find $m\angle DEG$



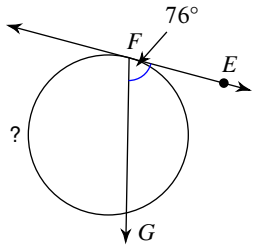
Candle Center- Infinite Geometry Name_____

Secant-Tangent and Tangent-Tangent Angles

Date_____ Period____

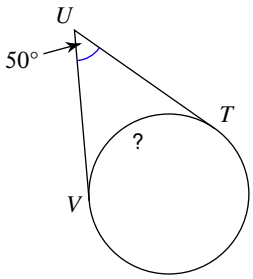
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

1)



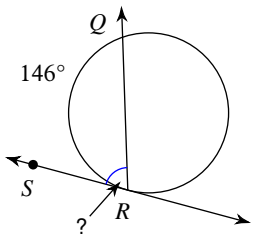
208°

2)



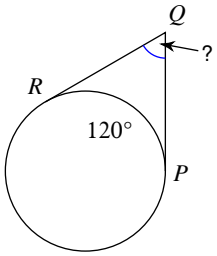
130°

3)



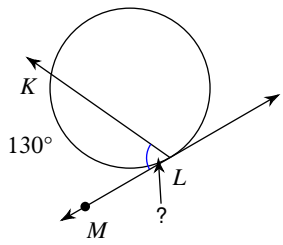
73°

4)



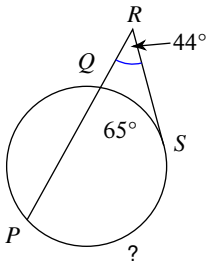
60°

5)



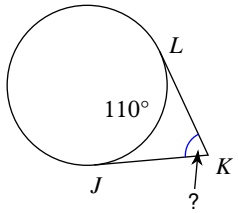
65°

6)



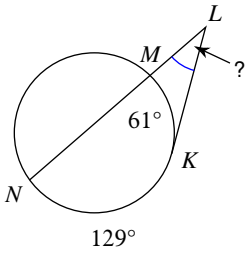
153°

7)



70°

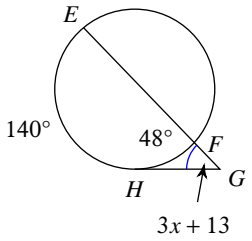
8)



34°

Solve for x. Assume that lines which appear tangent are tangent.

9)



11

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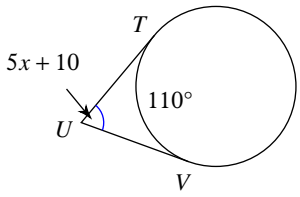

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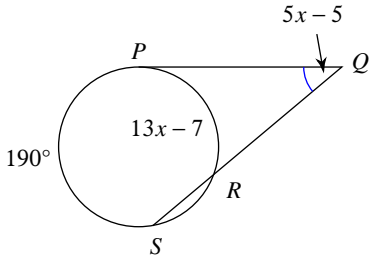
11)



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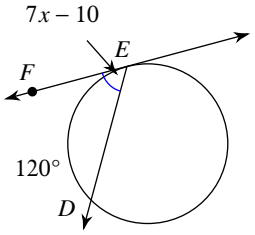

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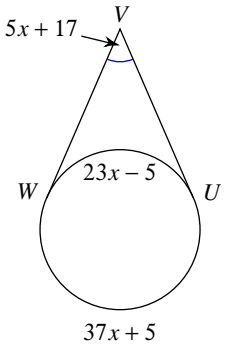
13)



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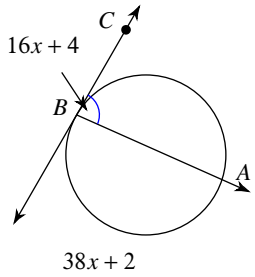
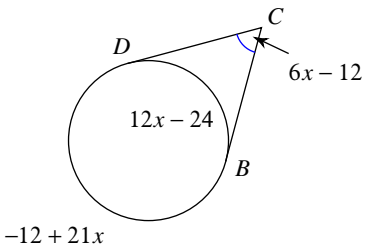
14)



5

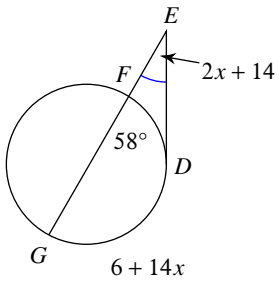
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

15) Find $m\widehat{BD}$



120°

16) Find $m\angle DEG$



30°