

Name:

Date:

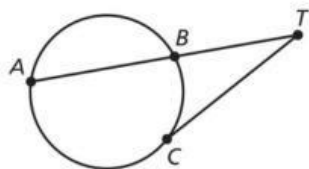


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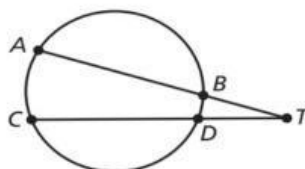
Title: Geometry: 16.1 **Segment Relationships in Circles**

Instructions: Copy the following questions to your notebook and solve them. Once done submit them on Schoology

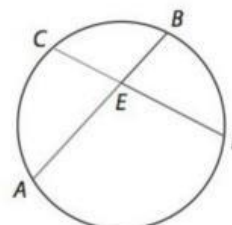
Hints:



$$AT \cdot BT = CT^2$$



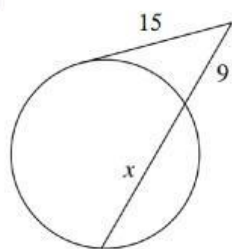
$$AT \cdot BT = CT \cdot DT$$



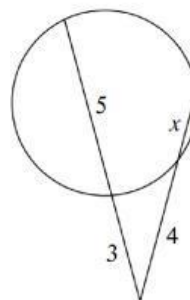
$$AE \cdot EB = CE \cdot ED$$

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

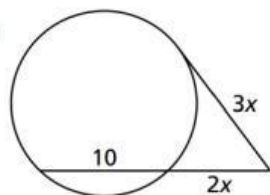
1)



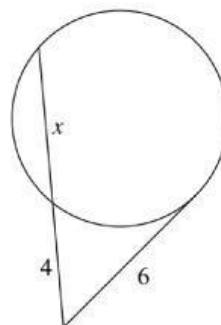
2)



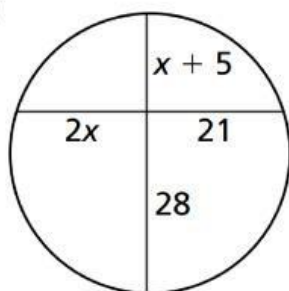
3)



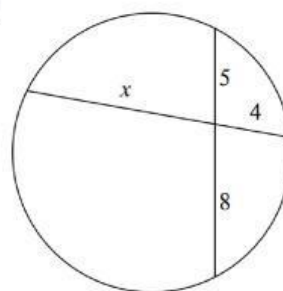
4)



5)



6)



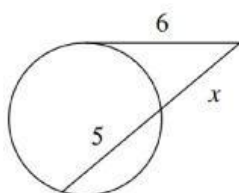
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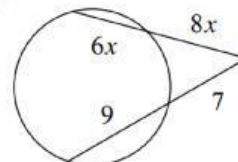


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7)

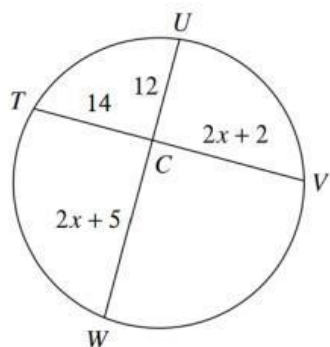


8)



Extension:

9) Find UW



10) Find KM

