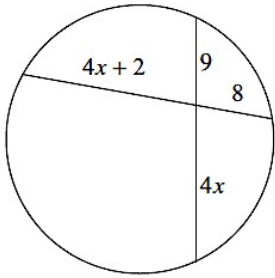


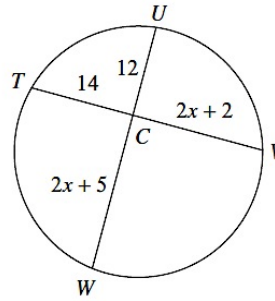
Homework 3.4 Chord Properties, Tangent Problems

Find the value for x

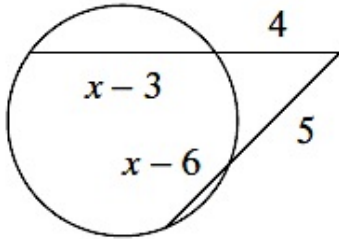
1. $x =$ _____



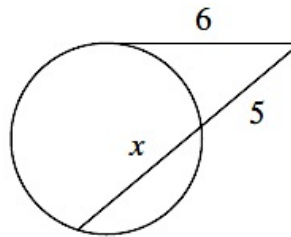
2. $x =$ _____



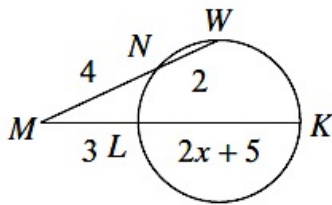
3. $x =$ _____



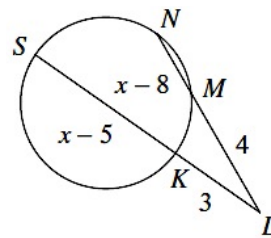
4. $x =$ _____



5. $x =$ _____

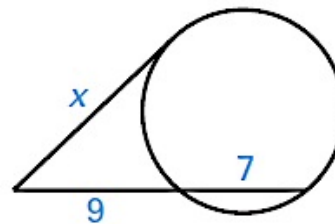


6. $x =$ _____



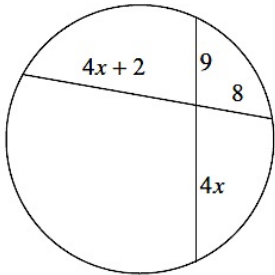
7. $x =$ _____

8. $x =$ _____

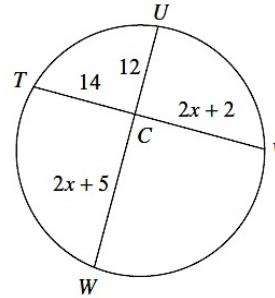


Find the value for x .

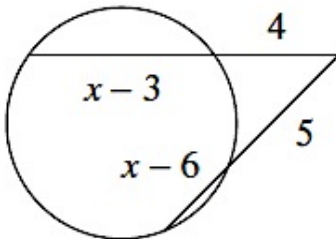
1. $x = \underline{4}$



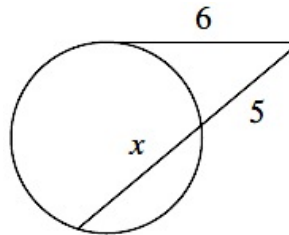
2. $x = \underline{8}$



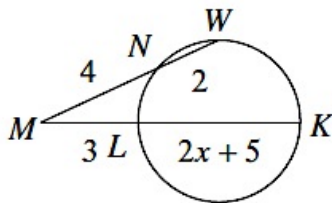
3. $x = \underline{9}$



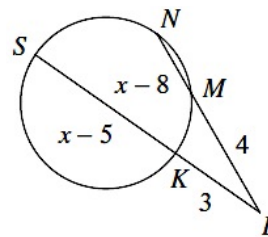
4. $x = \underline{2.2}$



5. $x = \underline{0}$

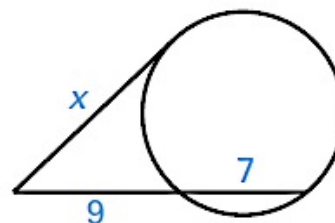


6. $x = \underline{10}$



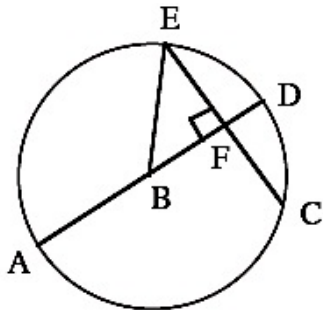
7. $x = \underline{4}$

8. $x = \underline{12}$

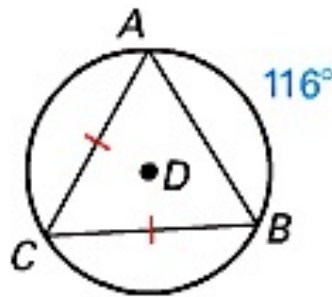


Homework 3.4 Chord Properties, Tangent Problems (Page 2)

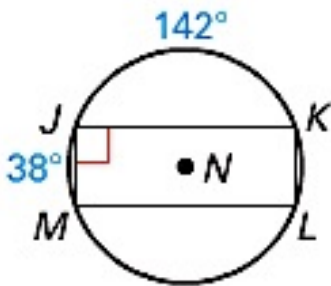
1. $EC = 8, AB = 5, BF = \underline{\hspace{2cm}}$



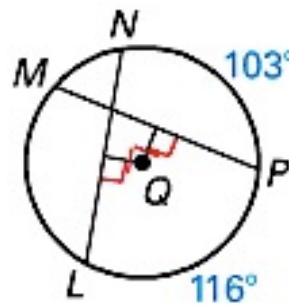
2. $m\overset{\circ}{BC} = \underline{\hspace{2cm}}$



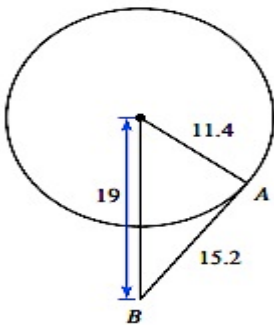
3. $m\overset{\circ}{KLM} = \underline{\hspace{2cm}}$



4. $m\overset{\circ}{MN} = \underline{\hspace{2cm}}$

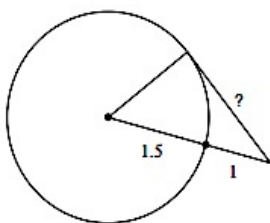


Determine if \overline{AB} is a tangent. Justify your response.



13.

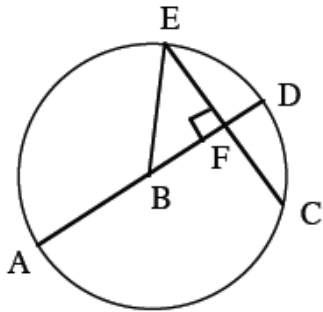
Find the segment measure indicated. Assume all tangent segments that appear tangent to be tangent.



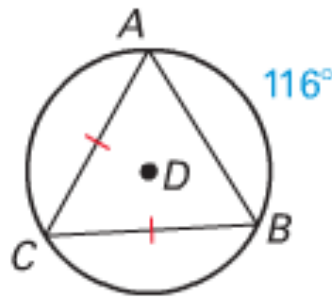
14.

Homework 3.4 Chord Properties, Tangent Problems (Page 2)

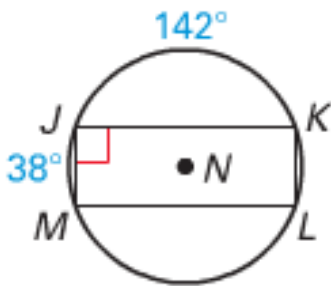
9. $EC = 8, AB = 5, BF =$ 3



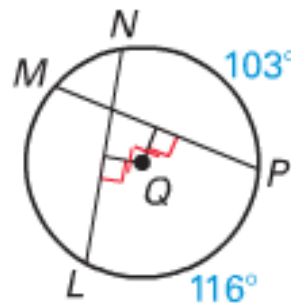
10. $m\overset{\frown}{BC} =$ 122°



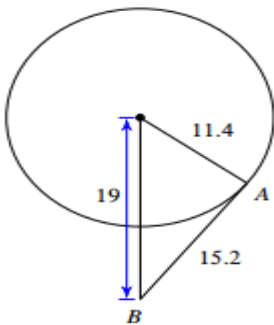
11. $m\overset{\circ}{KLM} =$ 180°



12. $m\overset{\circ}{MN} =$ 38°

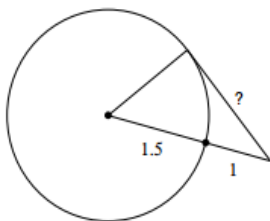


Determine if \overline{AB} is a tangent. Justify your response.



13. Tangent, Use Pythagorean Theorem

Find the segment measure indicated. Assume all tangent segments that appear tangent to be tangent.



14. 2
Use Pythagorean Theorem