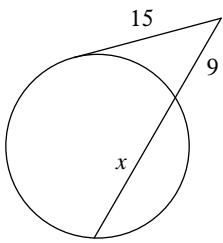


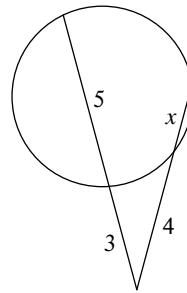
# Segment Lengths in Circles

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

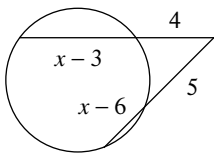
1)



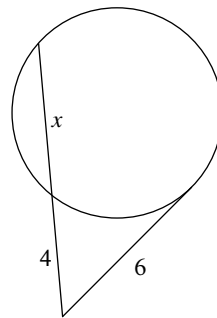
2)



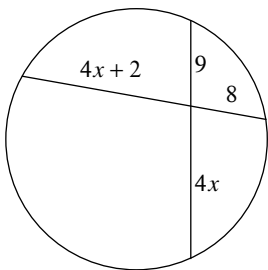
3)



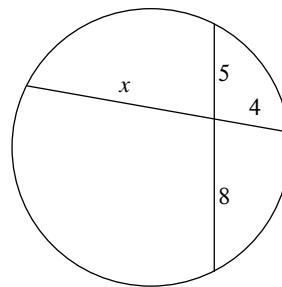
4)



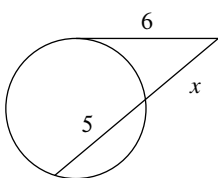
5)



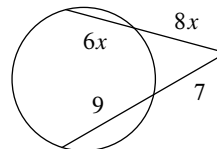
6)



7)

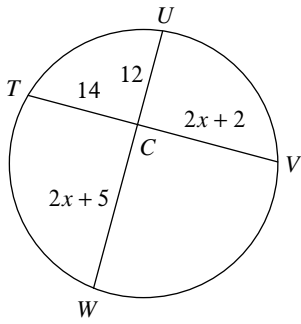


8)

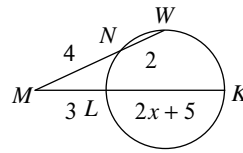


Find the measure of the line segment indicated. Assume that lines which appear tangent are tangent.

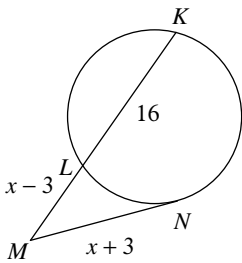
9) Find  $UW$



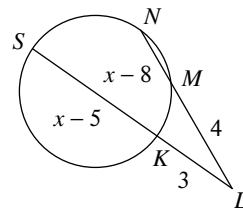
10) Find  $KM$



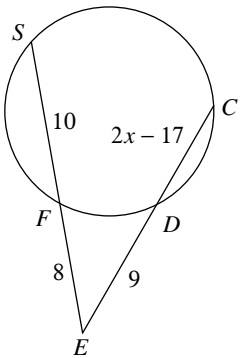
11) Find  $NM$



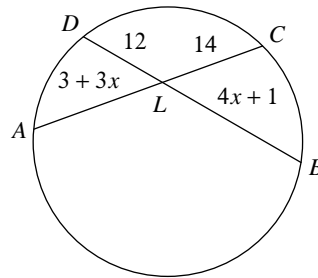
12) Find  $NL$



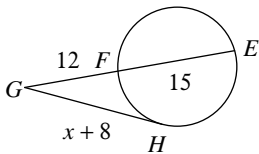
13) Find  $CE$



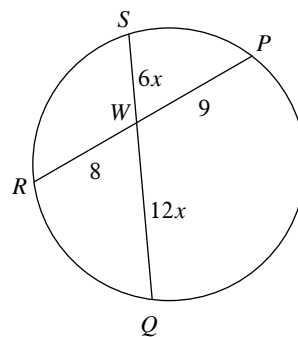
14) Find  $CA$



15) Find  $HG$

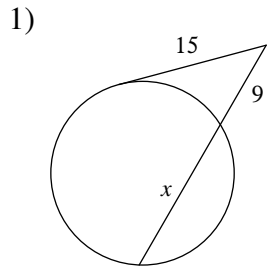


16) Find  $WS$

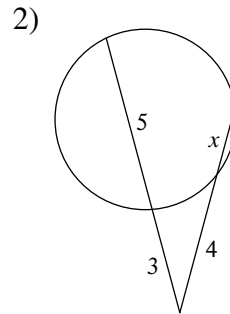


Segment Lengths in Circles

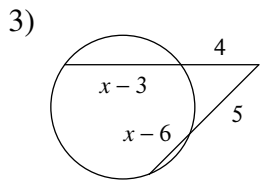
Solve for  $x$ . Assume that lines which appear tangent are tangent.



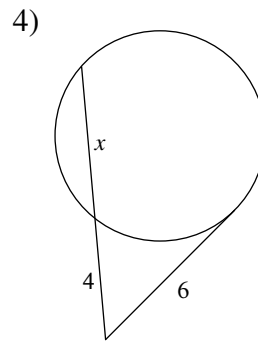
16



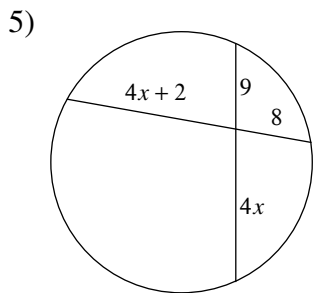
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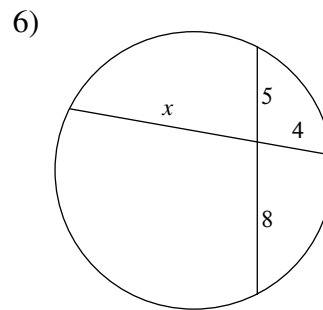
9



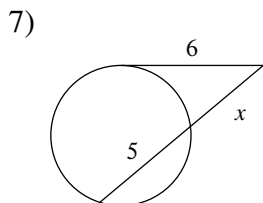
5



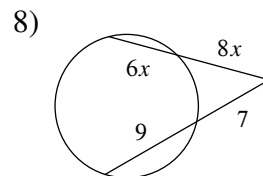
4



10



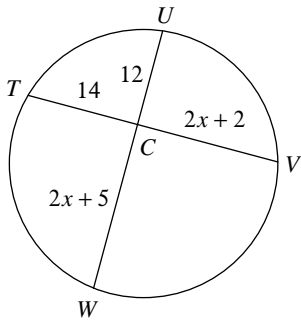
4



1

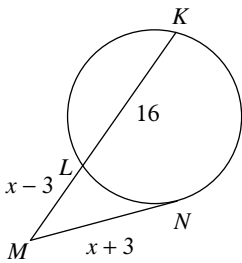
Find the measure of the line segment indicated. Assume that lines which appear tangent are tangent.

9) Find  $UW$



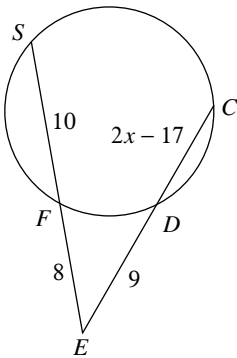
33

11) Find  $NM$



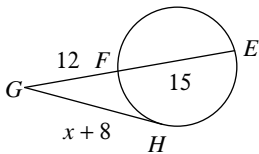
15

13) Find  $CE$



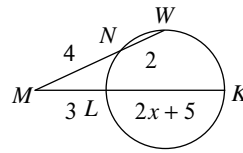
16

15) Find  $HG$



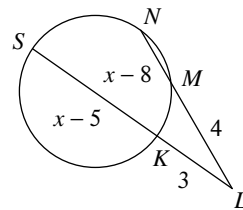
18

10) Find  $KM$



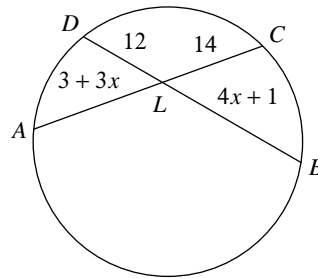
8

12) Find  $NL$



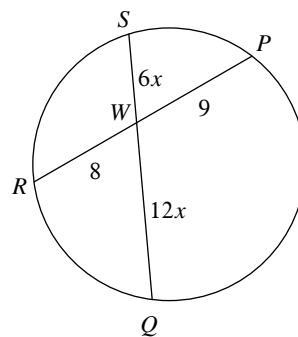
6

14) Find  $CA$



32

16) Find  $WS$



6