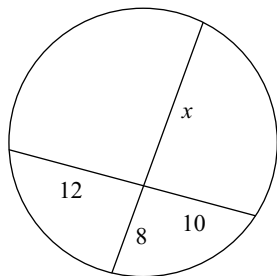


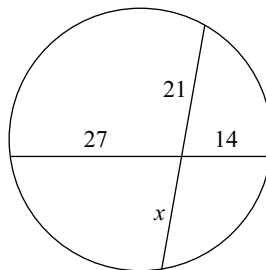
# Chords in Circles

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

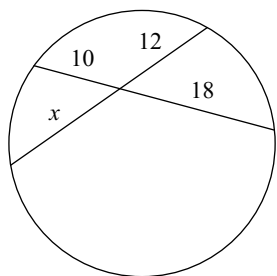
1)



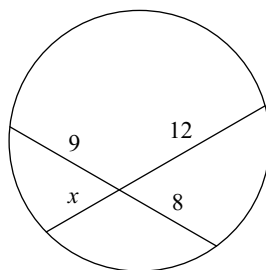
2)



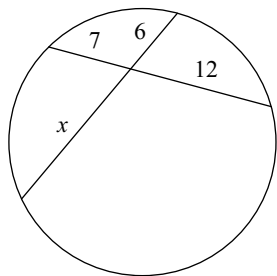
3)



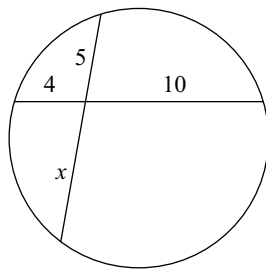
4)



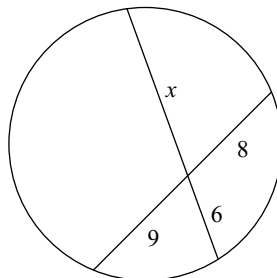
5)



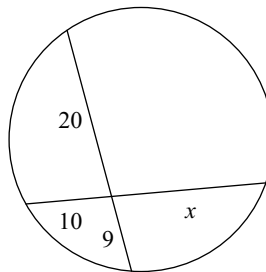
6)



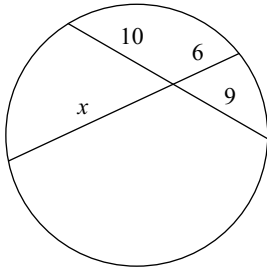
7)



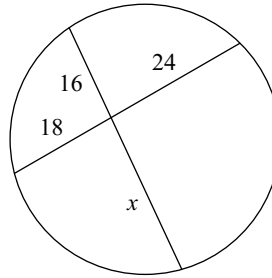
8)



9)

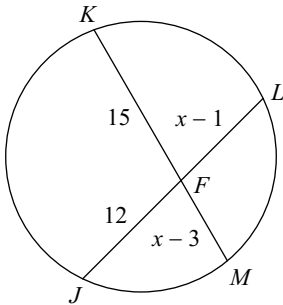


10)

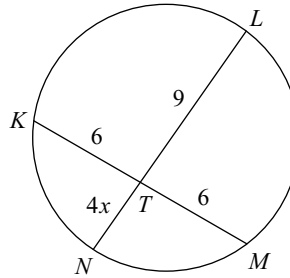


**Find the measure of the line segment indicated. Assume that lines which appear tangent are tangent.**

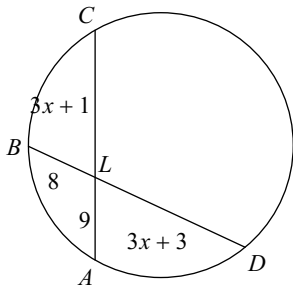
11) Find  $FM$



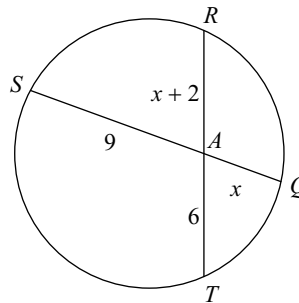
12) Find  $LN$



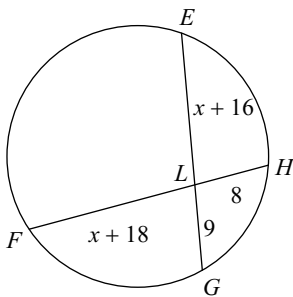
13) Find  $BD$



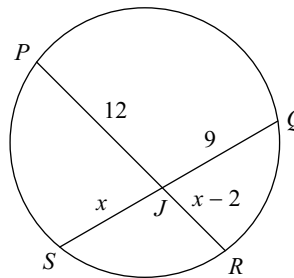
14) Find  $SQ$



15) Find  $LE$



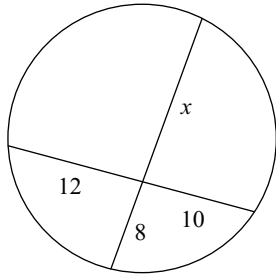
16) Find  $JS$



# Chords in Circles

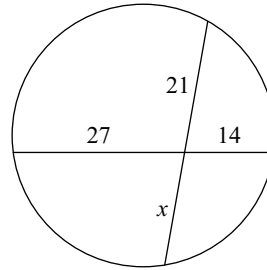
**Solve for  $x$ . Assume that lines which appear tangent are tangent.**

1)



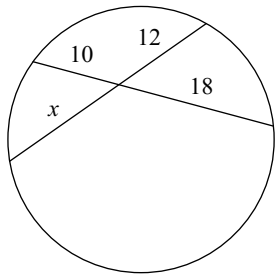
15

2)



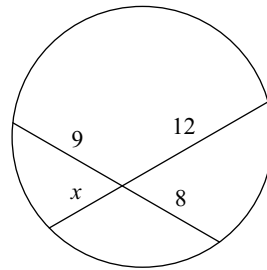
18

3)



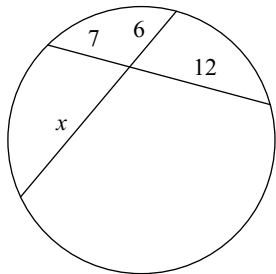
15

4)



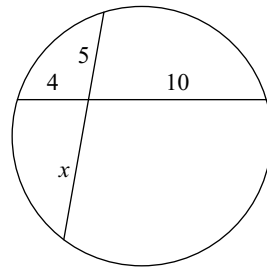
6

5)



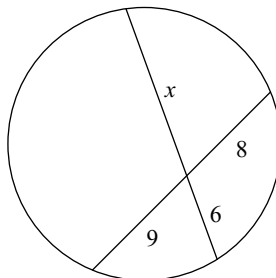
14

6)



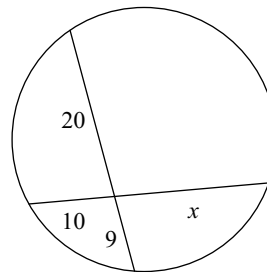
8

7)



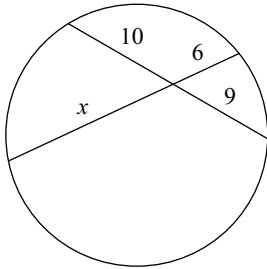
12

8)



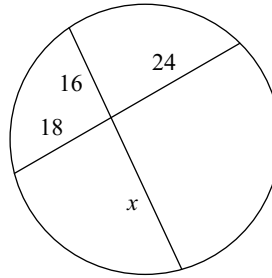
18

9)



15

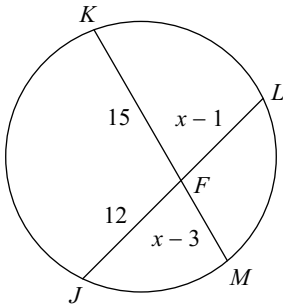
10)



27

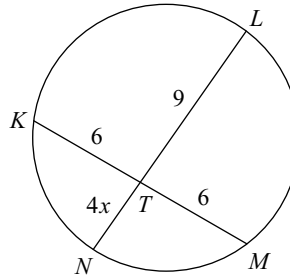
**Find the measure of the line segment indicated. Assume that lines which appear tangent are tangent.**

11) Find  $FM$



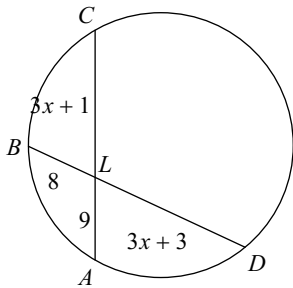
8

12) Find  $LN$



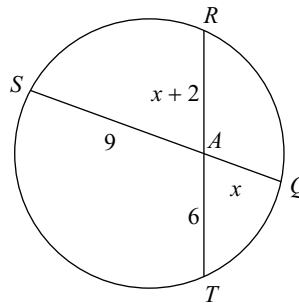
13

13) Find  $BD$



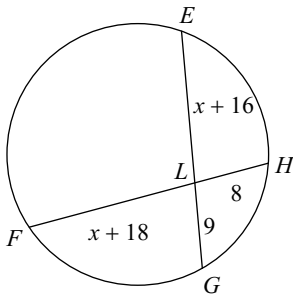
26

14) Find  $SQ$



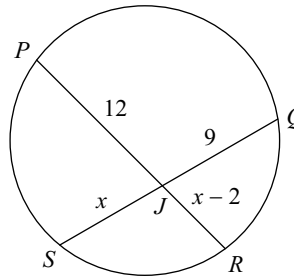
13

15) Find  $LE$



16

16) Find  $JS$



8