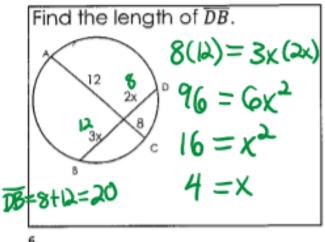


Find the length of AC and DB. 5(x) = 6(x-4) 5x = 10x-40





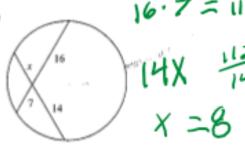
## Assignment

Date Period

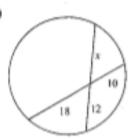
Solve for x. Assume that lines which appear tangent are tangent.

1)  $6 \cdot 7 = 112$  2)

1)



2)



12x=160 X=15

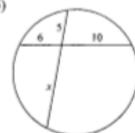
3)



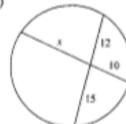
4)



5)

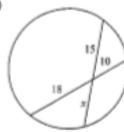


6)



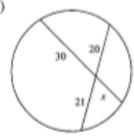
×=18

7)



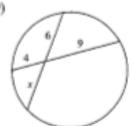
15x 3180 X=12

8)

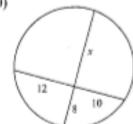


X=14

9)



10)

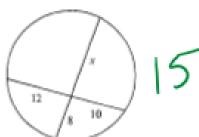


# Chords in Circles

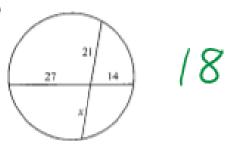
Date Period\_\_\_

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

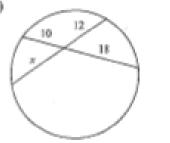
1)



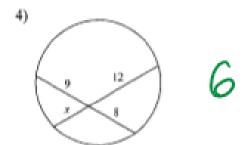
2)



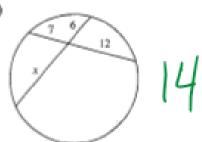
3)



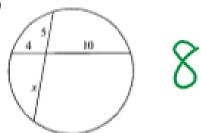
<sub>r</sub> \_\_\_



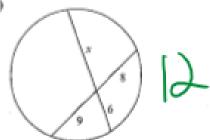
5)



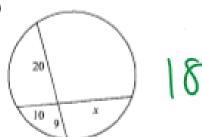
6)

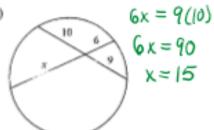


7)

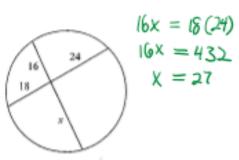


8)



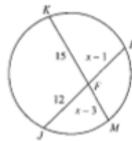


## 10)

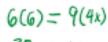


# Find the measure of the line segment indicated. Assume that lines which appear tangent are 13-16 12) Find LN tangent.

## 11) Find FM

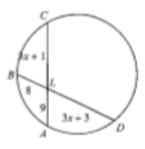


$$3x = 33$$

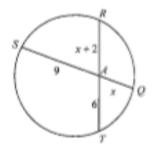


$$LN = 9 + 4(1) = 13$$

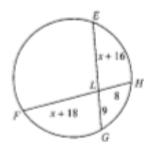
#### 13) Find BD



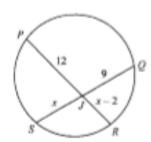
### 14) Find SQ

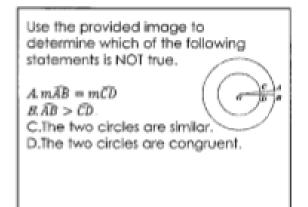


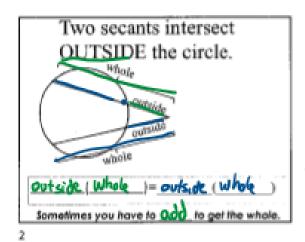
#### Find LE



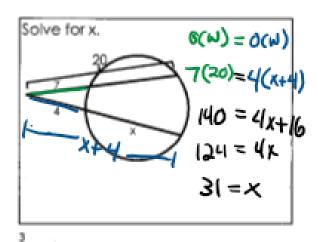
#### Find JS

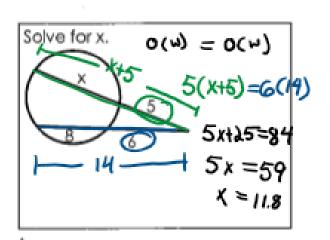






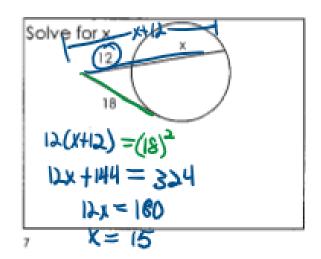
1

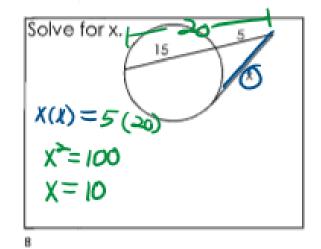




Solve for x.  $O(\omega)$ Secant And Tangent

whole  $t = O(\omega)$   $t = O(\omega)$ 





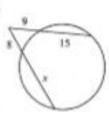
# Secants and Tangents

Date

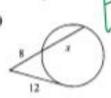
Period

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

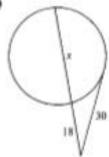
1)



2)



3)



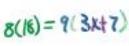
4)



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

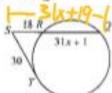
Find HF



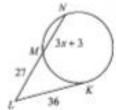




6) Find SQ



Find MN

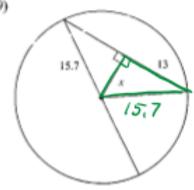


$$x = 6$$

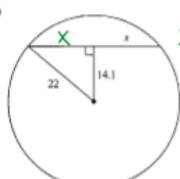
MN=3(6)+3=21

Find the length of the segment indicated. Round your answer to the nearest tenth if necessary.

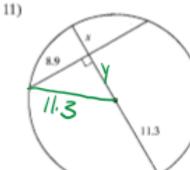
9)



132+13=15,72



x 2+14/2=222



8.92+y=11.3212)

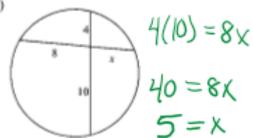
$$\chi = 4.3$$



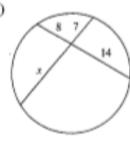
 $9.6^{2} + y^{2} = 10.9^{2}$ 

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

13)

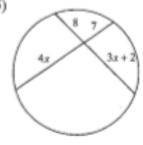


14)



7x = 8(14)

15)



 $8(3x+1)=7(4x)^{16)}$ 

2x + 3

20(2x+3)=14(3x+3)

$$40x+60 = 42x+42$$

$$\chi = \rho$$