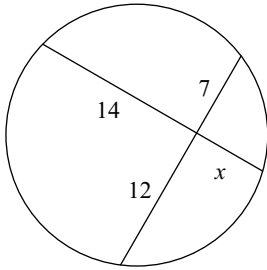


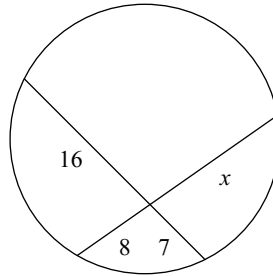
Unit 9b Test Review

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

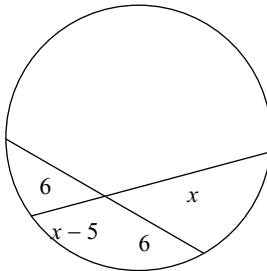
1)



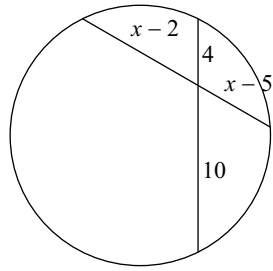
2)



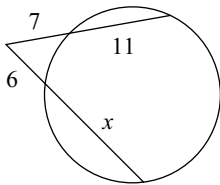
3)



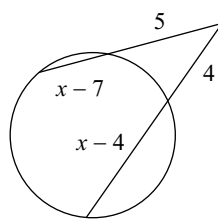
4)



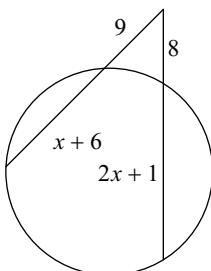
5)



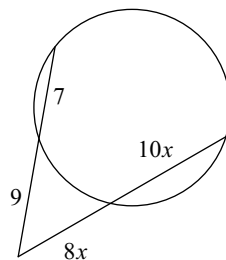
6)

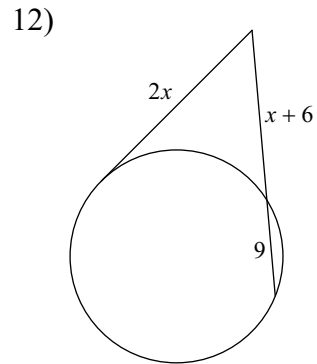
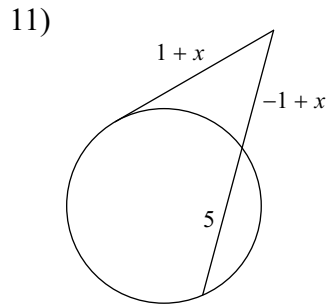
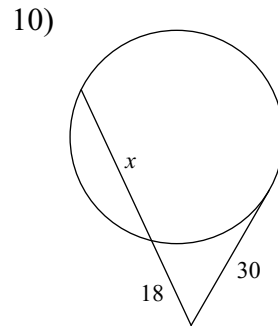
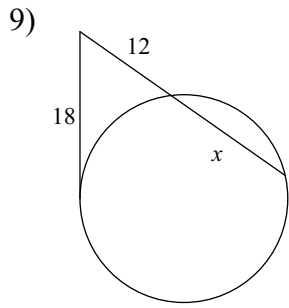


7)



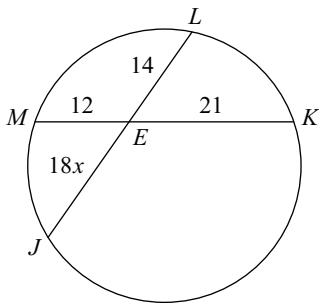
8)



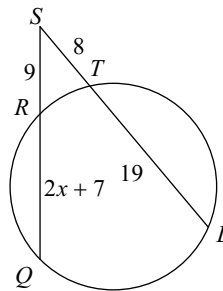


Find the measure of the line segment indicated. Assume that lines which appear tangent are tangent.

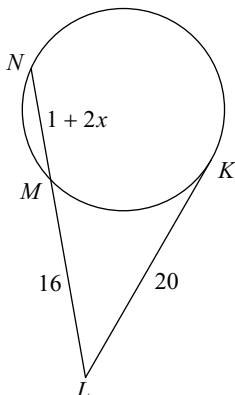
13) Find LJ



14) Find QS

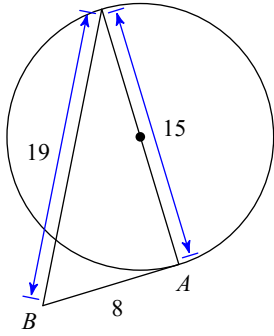


15) Find MN

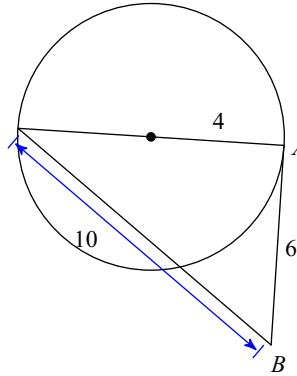


Determine if line AB is tangent to the circle.

16)

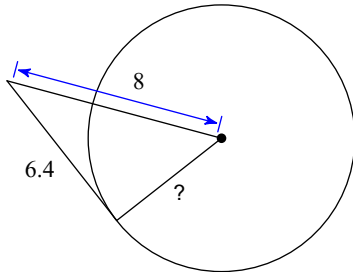


17)

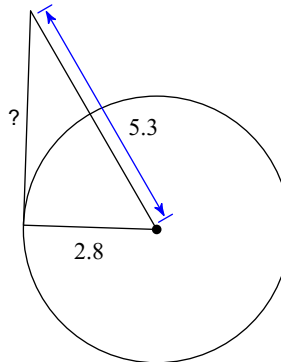


Find the segment length indicated. Assume that lines which appear to be tangent are tangent.

18)

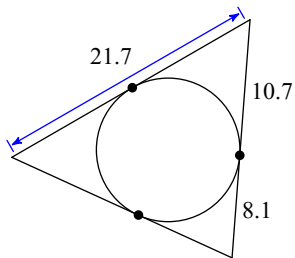


19)

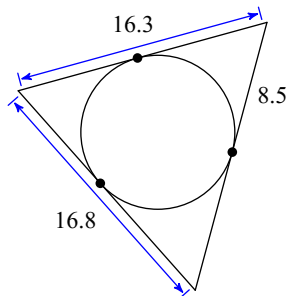


Find the perimeter of each polygon. Assume that lines which appear to be tangent are tangent.

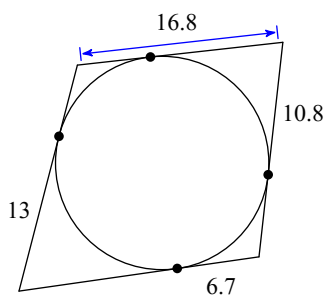
20)



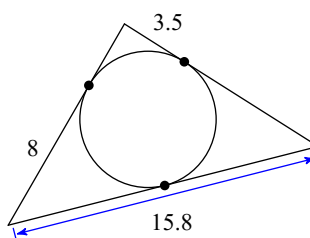
21)



22)

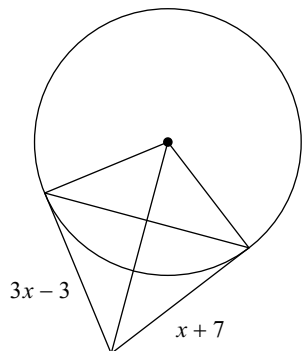


23)

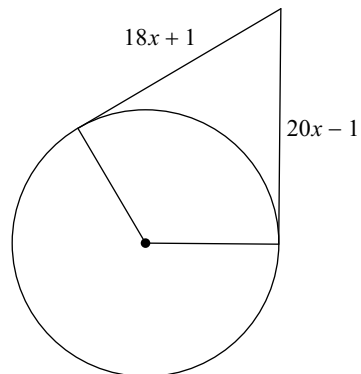


Solve for x . Assume that lines which appear to be tangent are tangent.

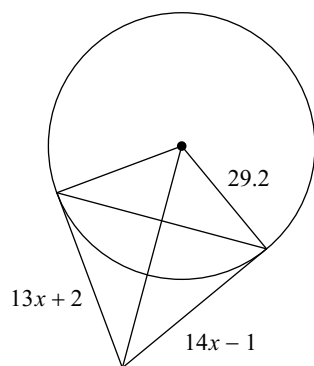
24)



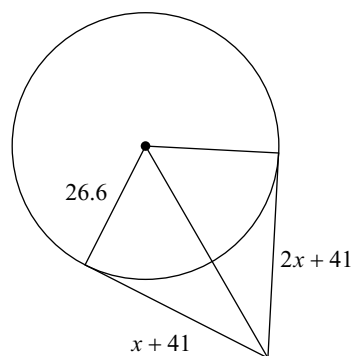
25)



26)



27)



28) A 24 inch chord is 16 inches from the center. What is the radius of the circle?

29) A circle with radius 5 inches is 4 inches from the center of the circle. What is the length of the ENTIRE CHORD?

30) A 20 inch chord is drawn in a circle with radius length 25 inches. What is the distance from the center of the circle?

Answers to Unit 9b Test Review (ID: 1)

- | | | | |
|-------------|---------|----------|-----------------|
| 1) 6 | 2) 14 | 3) 9 | 4) 10 |
| 5) 15 | 6) 10 | 7) 9 | 8) 1 |
| 9) 15 | 10) 32 | 11) 5 | 12) 10 |
| 13) 32 | 14) 24 | 15) 9 | 16) Not tangent |
| 17) Tangent | 18) 4.8 | 19) 4.5 | 20) 59.6 |
| 21) 50.6 | 22) 73 | 23) 38.6 | 24) 5 |
| 25) 1 | 26) 3 | 27) 0 | 28) |
| 29) | 30) | | |