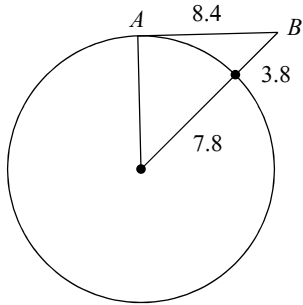


Practice for Exam 1-Also, use prior quizzes & classwork. Date \_\_\_\_\_ Period \_\_\_\_\_

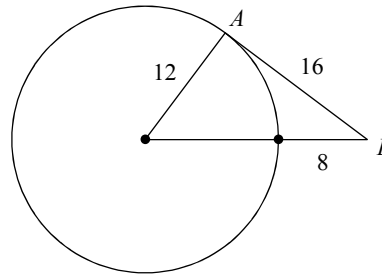
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**Determine if line AB is tangent to the circle.**

1)

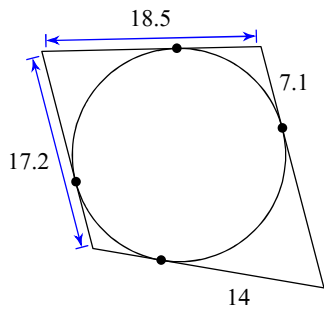


2)

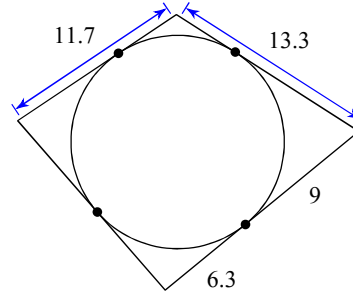


**Find the perimeter of each polygon. Assume that lines which appear to be tangent are tangent.**

3)

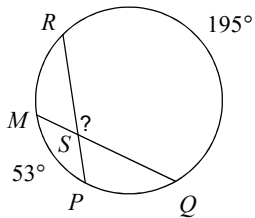


4)

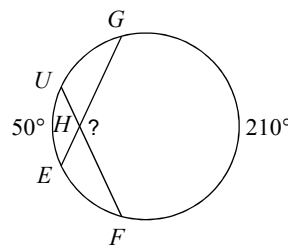


**Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.**

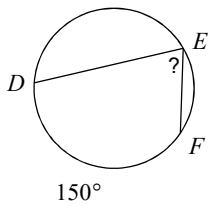
5)



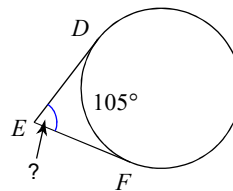
6)



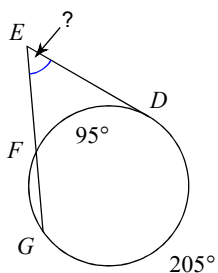
7)



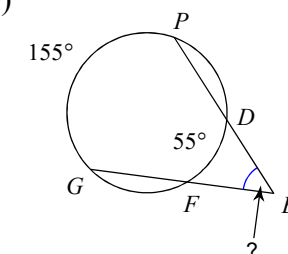
8)



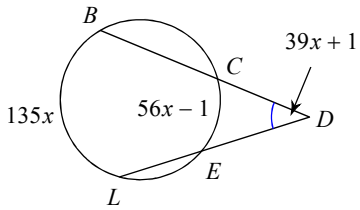
9)



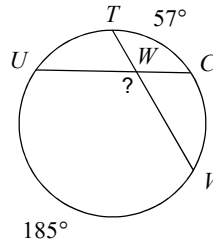
10)



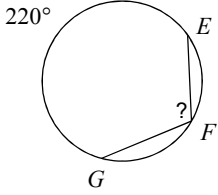
11) Find  $m\angle BDL$



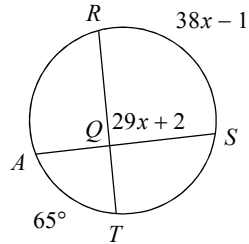
12)



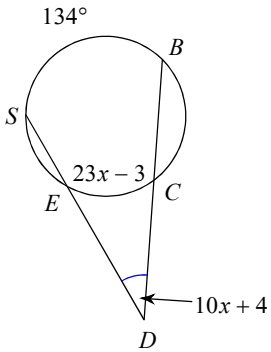
13)



14) Find  $m\angle RQS$

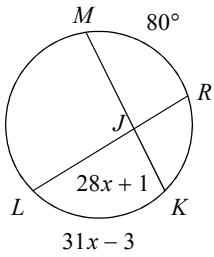


15) Find  $m\angle BDS$

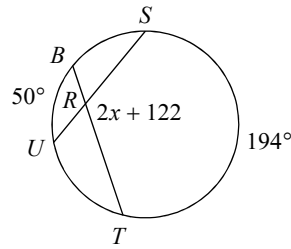


**Solve for  $x$ . Assume that lines which appear tangent are tangent.**

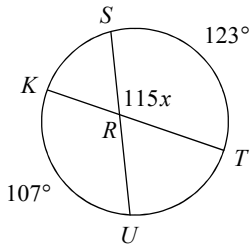
16)



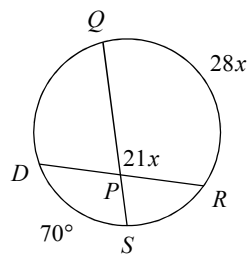
17)



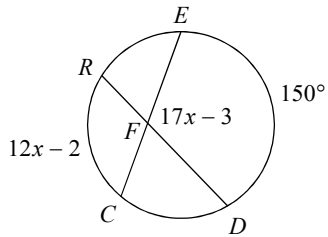
18)



19)

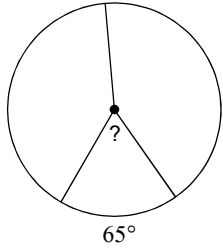


20)

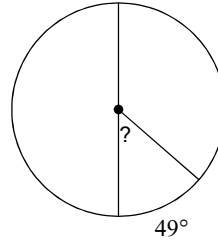


Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

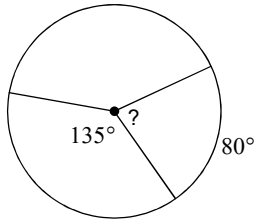
21)



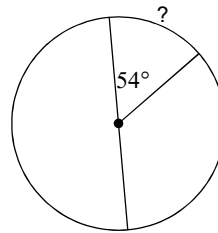
22)



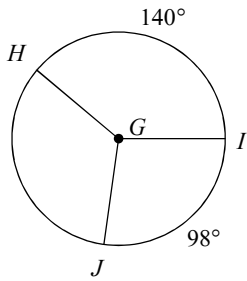
23)



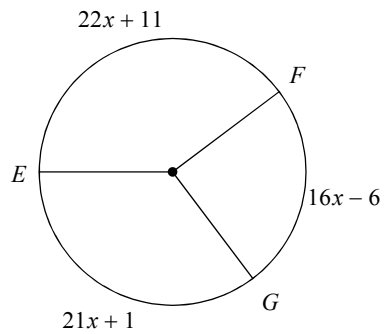
24)



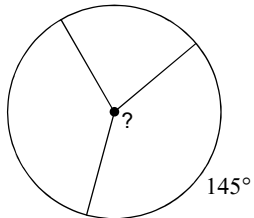
25)  $m\angle JGH$



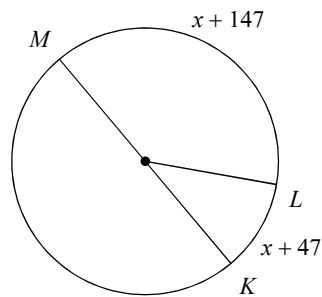
26)  $m\widehat{FG}$



27)

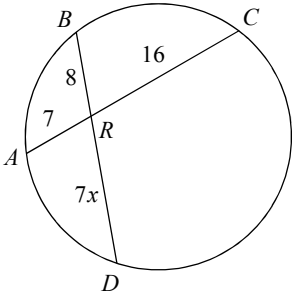


28)  $m\widehat{LK}$

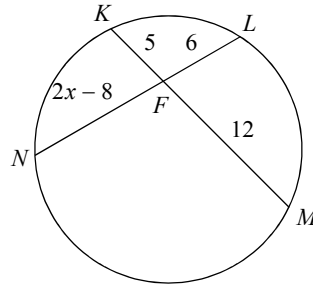


Find the measure of the line segment indicated. Assume that lines which appear tangent are tangent.

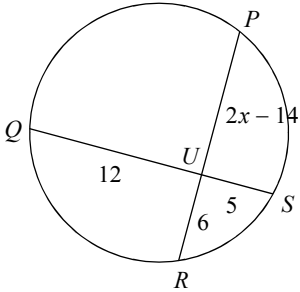
29) Find  $BD$



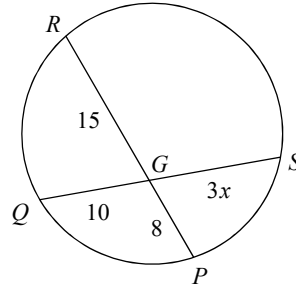
30) Find  $LN$



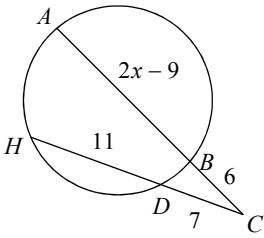
31) Find  $RP$



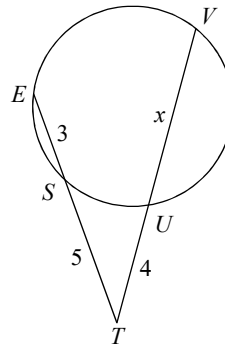
32) Find  $GS$



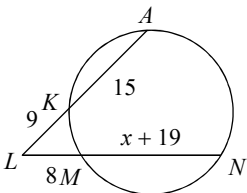
33) Find  $AC$



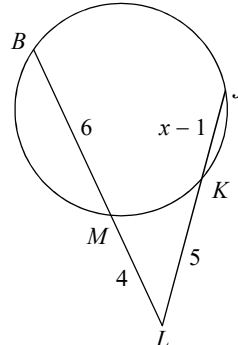
34) Find  $VT$



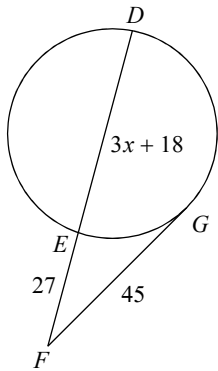
35) Find  $NM$



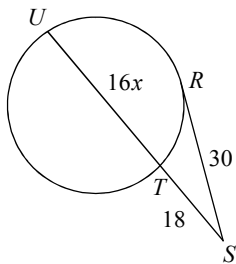
36) Find  $JL$



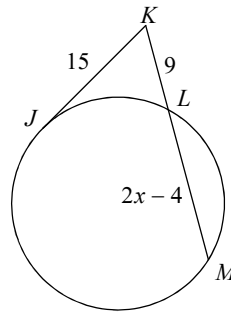
37) Find  $ED$



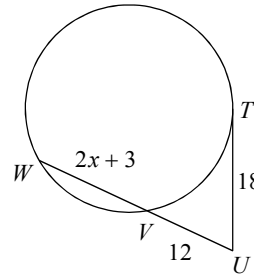
39) Find  $TU$



38) Find  $LM$

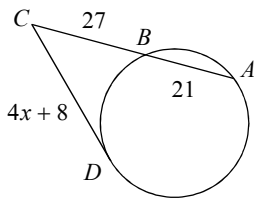


40) Find  $VW$

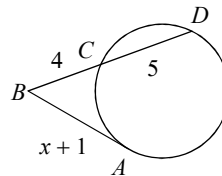


**Find the measure of the line segment indicated. Assume that lines which appear tangent are tangent. Tip: You will need to use the Quadratic Formula**

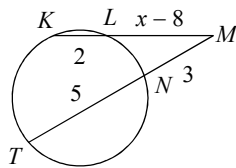
41) Find  $DC$



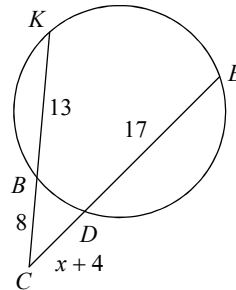
42) Find  $AB$



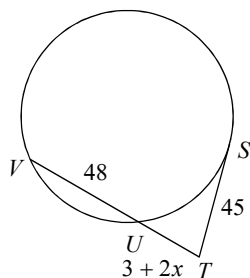
43) Find  $LM$



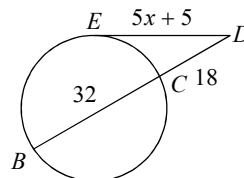
44) Find  $DC$



45) Find  $TV$



46) Find  $ED$



## Answers to Practice for Exam 1-Also, use prior quizzes & classwork. (ID: 1)

1) Not tangent

2) Tangent

3) 76.6

4) 54

5)  $124^\circ$

6)  $130^\circ$

7)  $75^\circ$

8)  $75^\circ$

9)  $55^\circ$

10)  $50^\circ$

11)  $40^\circ$

12)  $121^\circ$

13)  $110^\circ$

14)  $89^\circ$

15)  $34^\circ$

16) 3

17) 0

18) 1

19) 5

20) 7

21)  $65^\circ$

22)  $49^\circ$

23)  $80^\circ$

24)  $54^\circ$

25)  $122^\circ$

26)  $90^\circ$

27)  $145^\circ$

28)  $40^\circ$

29) 22

30) 16

31) 16

32) 12

33) 21

34) 10

35) 19

36) 8

37) 48

38) 16

39) 32

40) 15

41) 36

42) 6

43) 4

44) 7

45) 75

46) 30