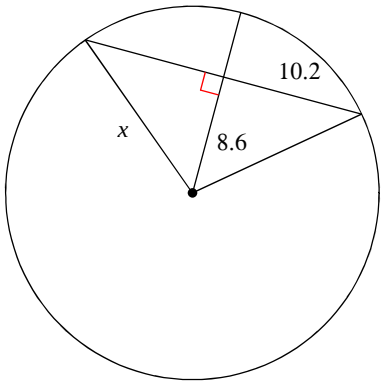
Math 2 Name_____

Circle Segments Worksheet

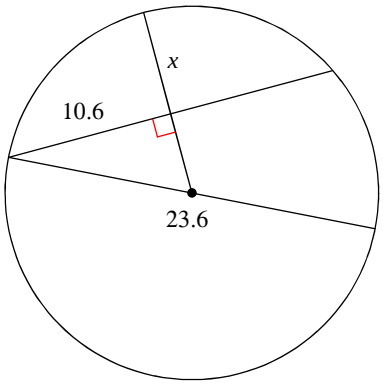
Date_____

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

1)

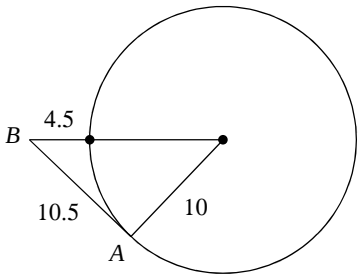


2)

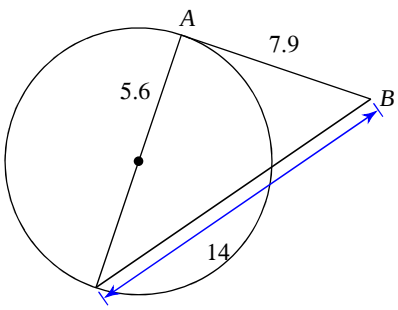


Determine if line AB is tangent to the circle.

3)

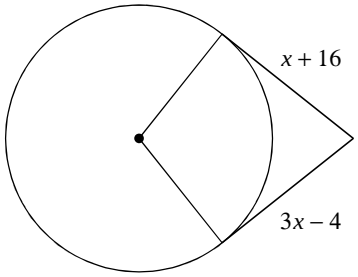


4)

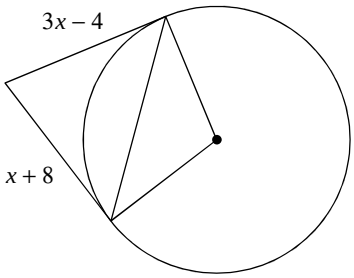


Solve for *x*. Assume that lines which appear to be tangent are tangent.

5)

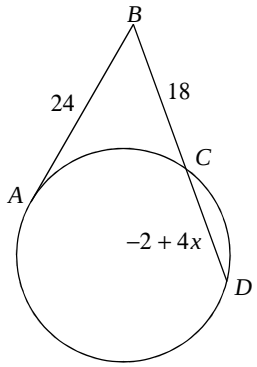


6)

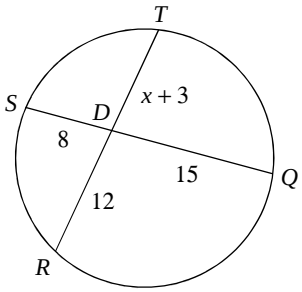


Find the measure of the line segment indicated. Assume that lines which appear tangent are tangent.

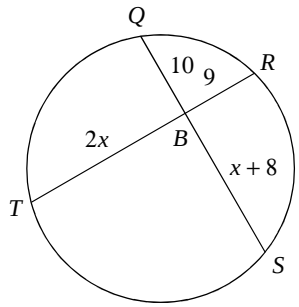
7) Find *BD*



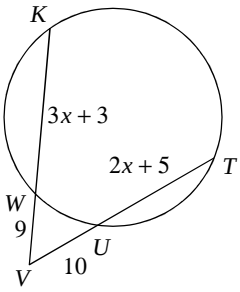
8) Find *DT*



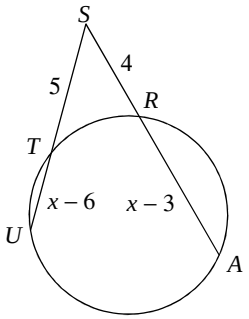
9) Find *RT*



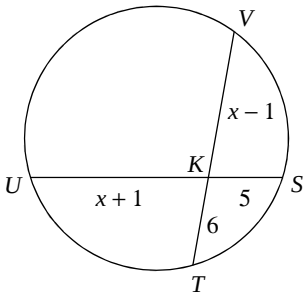
10) Find *TV*



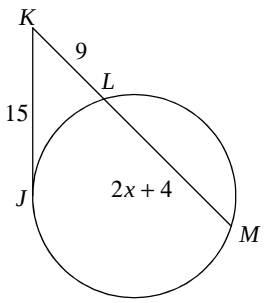
11) Find *US*



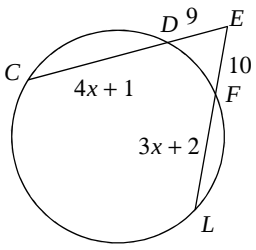
12) Find *TV*



13) Find *KM*



14) Find *CD*



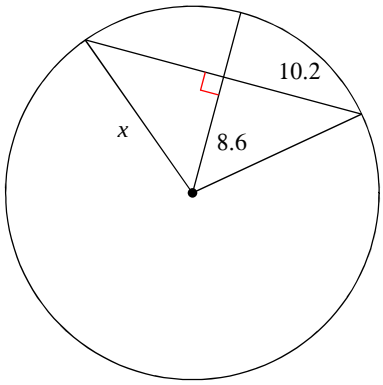
Math 2 Name_____

Circle Segments Worksheet

Date_____

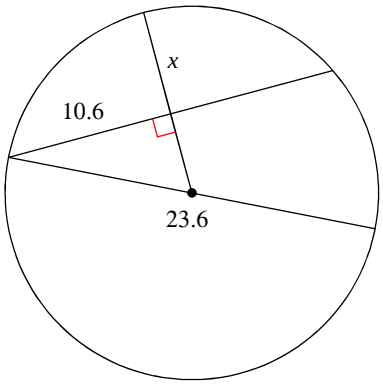
Find the length of the segment indicated. Round your answer to the nearest tenth if necessary.

1)



13.3

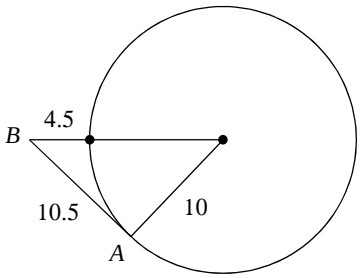
2)



6.6

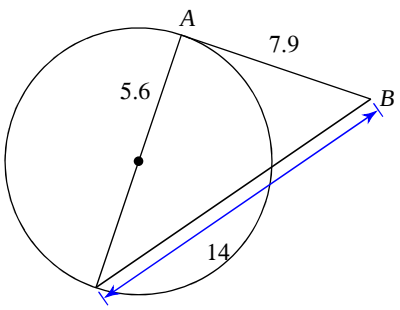
Determine if line AB is tangent to the circle.

3)



Tangent

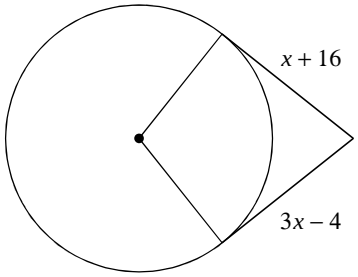
4)



Not tangent

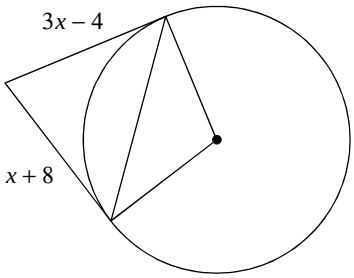
Solve for *x*. Assume that lines which appear to be tangent are tangent.

5)



10

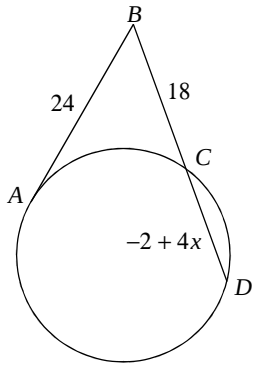
6)



6

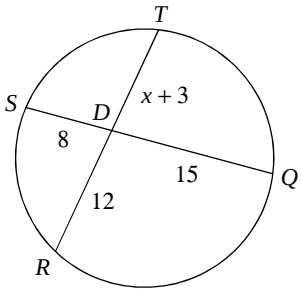
Find the measure of the line segment indicated. Assume that lines which appear tangent are tangent.

7) Find *BD*



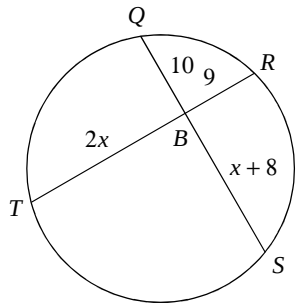
32

8) Find *DT*



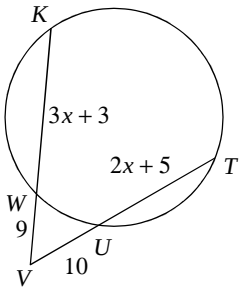
10

9) Find *RT*



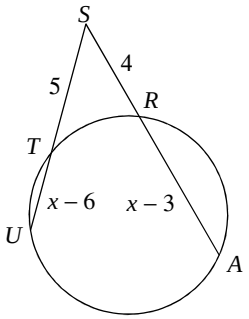
29

10) Find *TV*



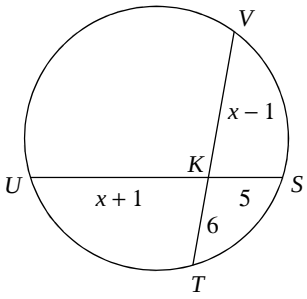
27

11) Find *US*



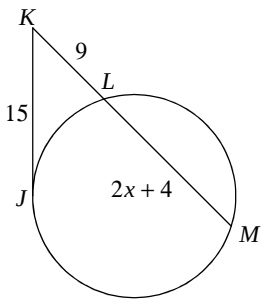
8

12) Find *TV*



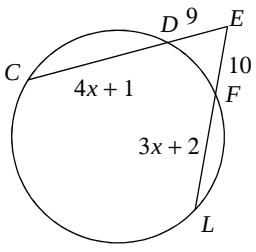
16

13) Find *KM*



25

14) Find *CD*



21