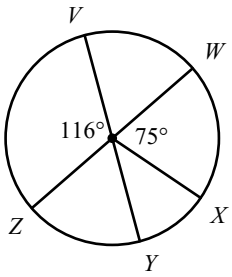
Geometry Name_____

4.4 PRACTICE ALL

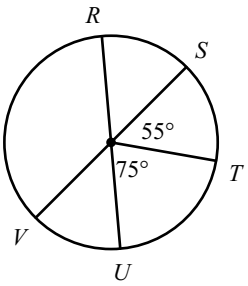
Date_____

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

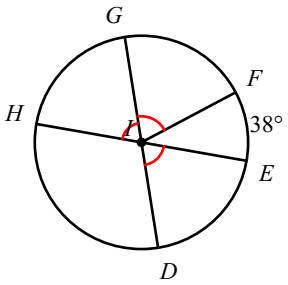
1) $m\overset{\frown}{VXZ}$



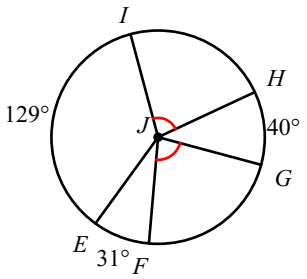
2) $m\overset{\frown}{TVS}$



3) $m\angle DIH$

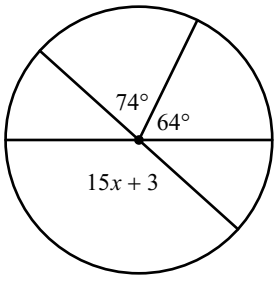


4) $m\angle HJF$

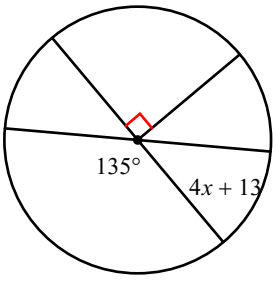


Solve for *x*. Assume that lines which appear to be diameters are actual diameters.

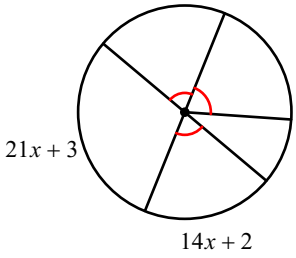
5)



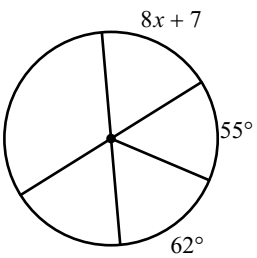
6)



7)

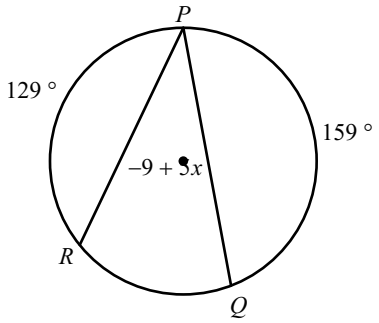


8)

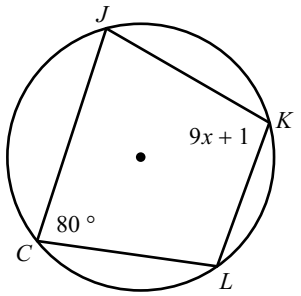


Solve for *x*.

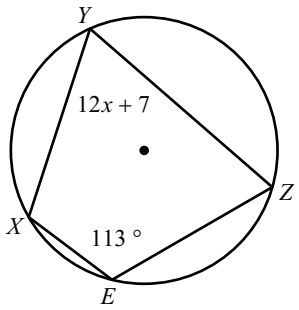
9)



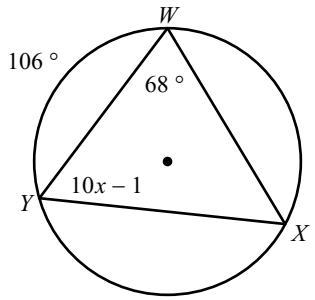
10)



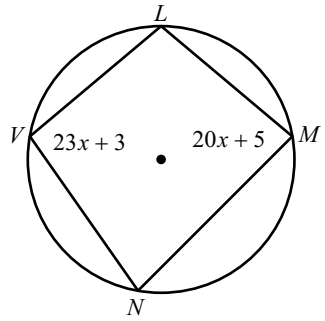
11)



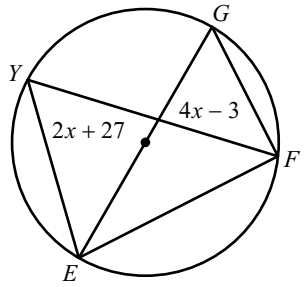
12)



13)

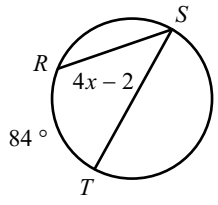


14)

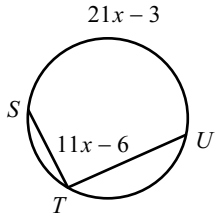


Solve for *x*. Assume that lines which appear tangent are tangent.

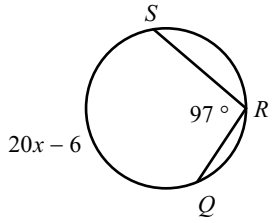
15)



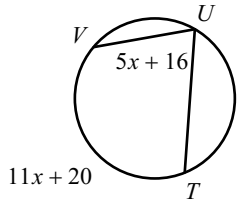
16)



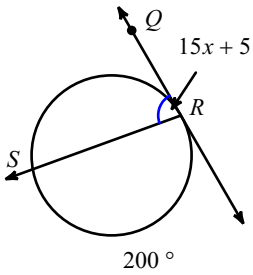
17)



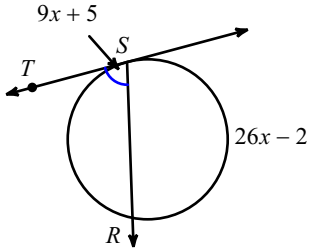
18)



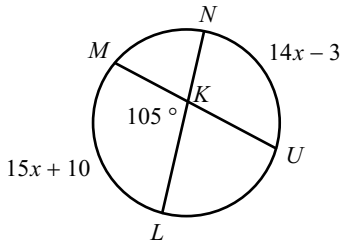
19)



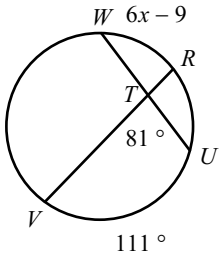
20)



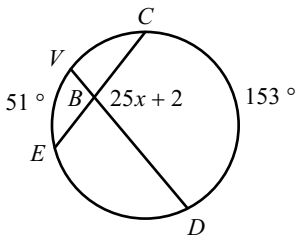
21)



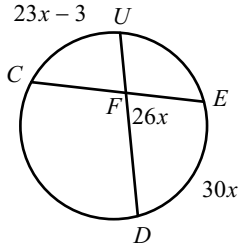
22)



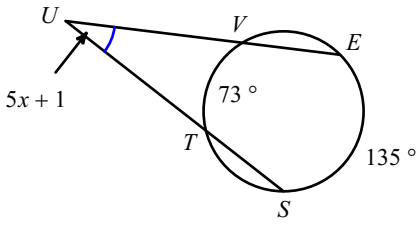
23)



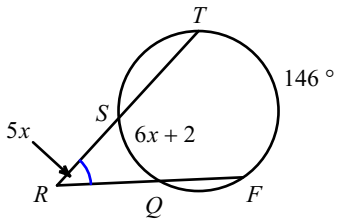
24)



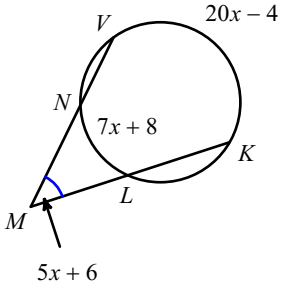
25)



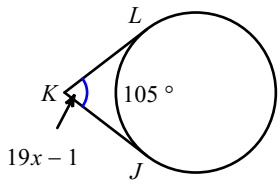
26)



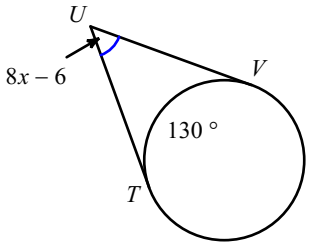
27)



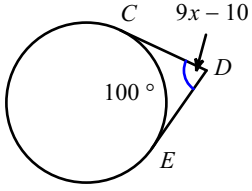
28)



29)



30)



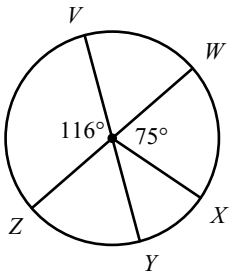
Geometry Name_____

4.4 PRACTICE ALL

Date_____

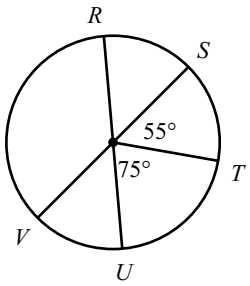
Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

1) $m\overset{\frown}{VXZ}$



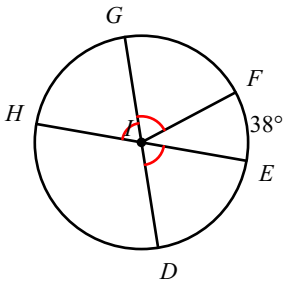
244°

2) $m\overset{\frown}{TVS}$



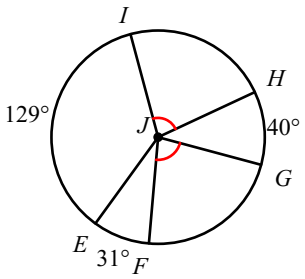
305°

3) $m\angle DIH$



109°

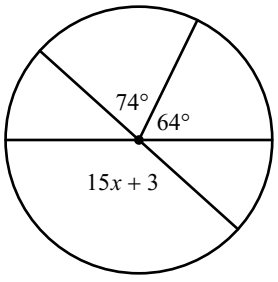
4) $m\angle HJF$



120°

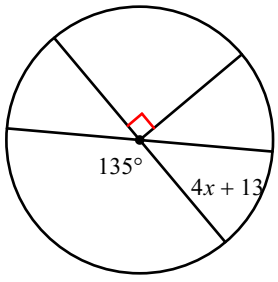
Solve for *x*. Assume that lines which appear to be diameters are actual diameters.

5)



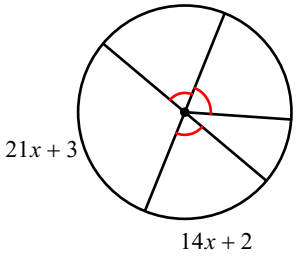
9

6)



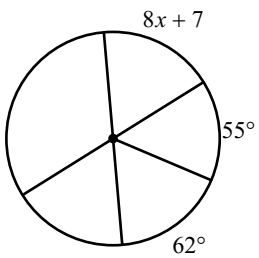
8

7)



5

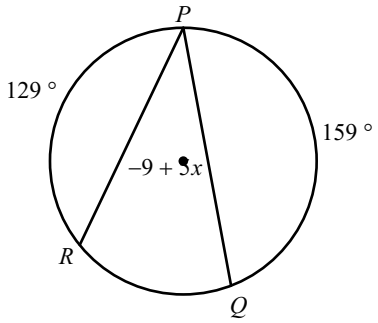
8)



7

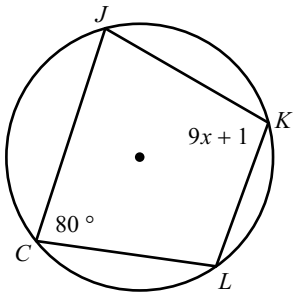
Solve for *x*.

9)



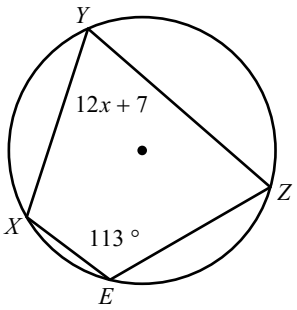
9

10)



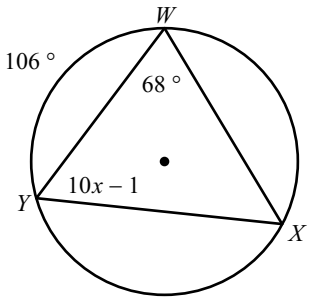
11

11)



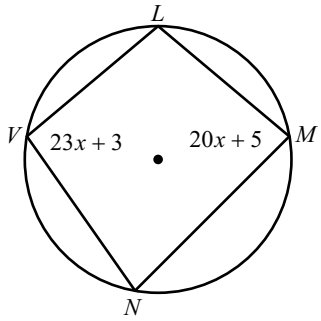
5

12)



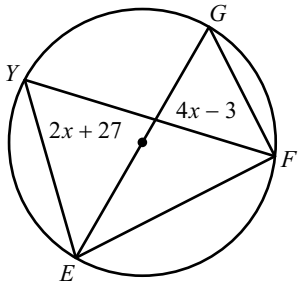
6

13)



4

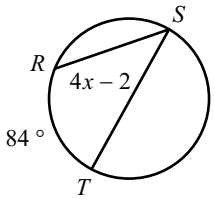
14)



15

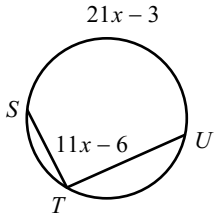
Solve for *x*. Assume that lines which appear tangent are tangent.

15)



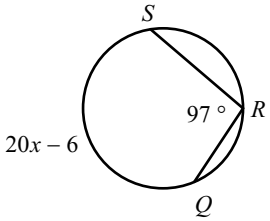
11

16)



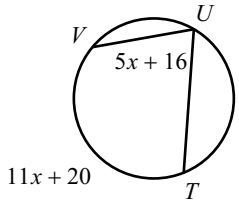
9

17)



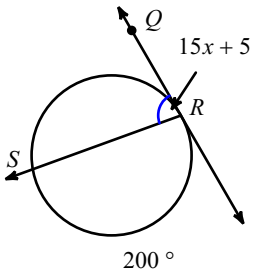
10

18)



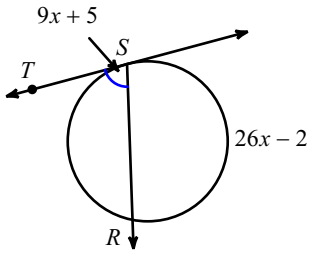
12

19)



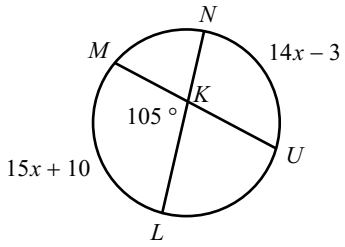
5

20)



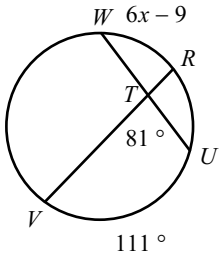
8

21)



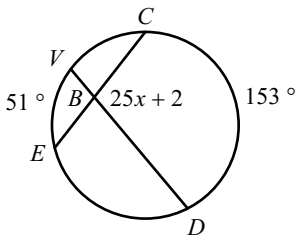
7

22)



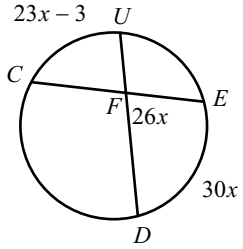
10

23)



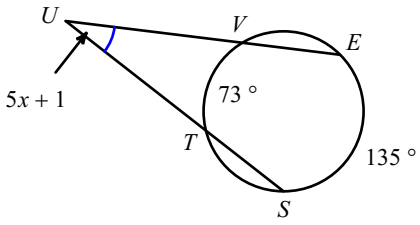
4

24)



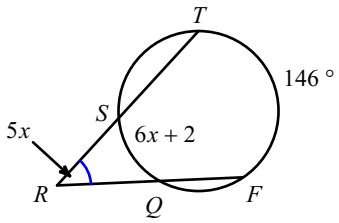
3

25)



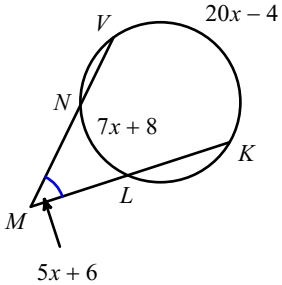
6

26)



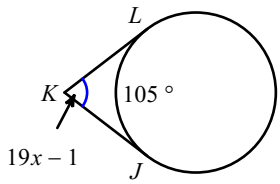
9

27)



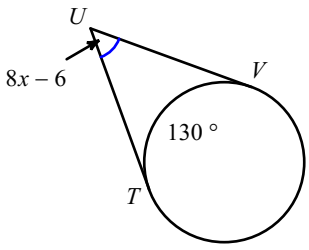
8

28)



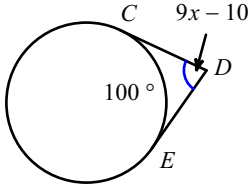
4

29)



7

30)



10