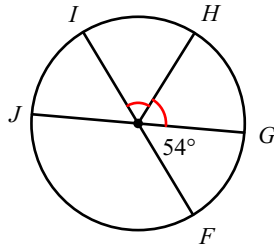


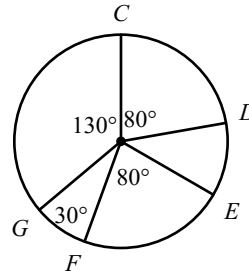
4.8 PRACTICE ALL - DAY 2

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

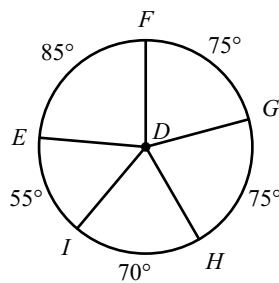
1) $m\widehat{HG}$



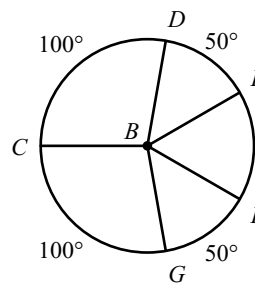
2) $m\widehat{EG}$



3) $m\angle FDH$

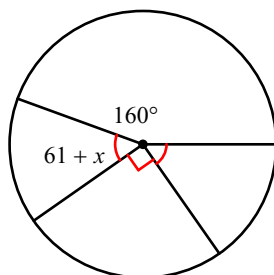


4) $m\angle CBE$

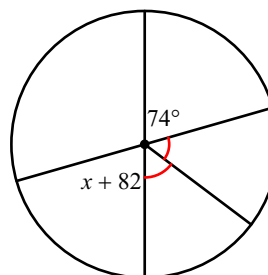


Solve for x . Assume that lines which appear to be diameters are actual diameters.

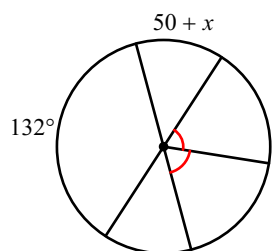
5)



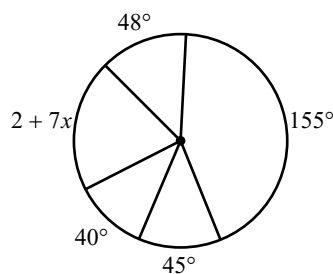
6)



7)

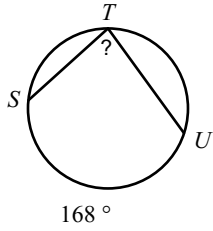


8)

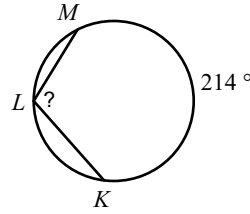


Solve for x .

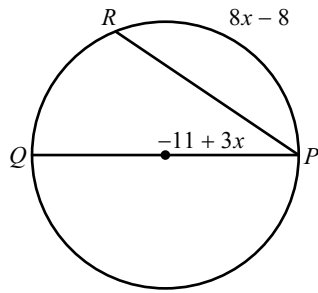
9)



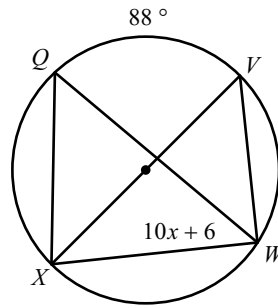
10)



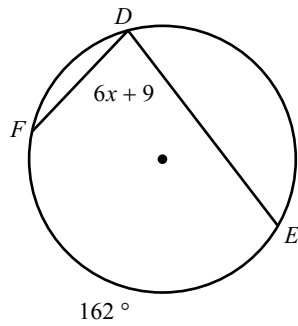
11)



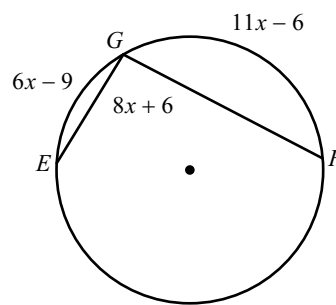
12)



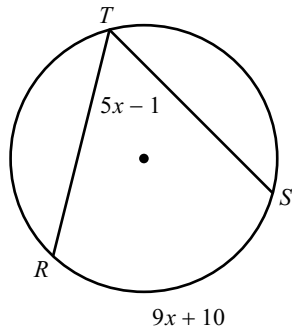
13)



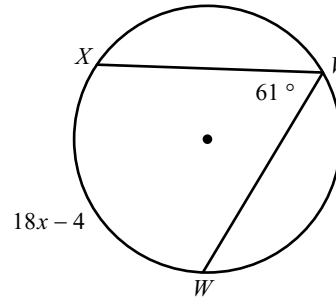
14)



15)

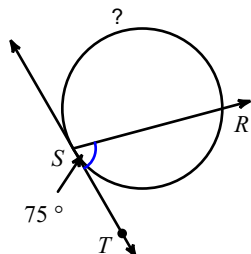


16)

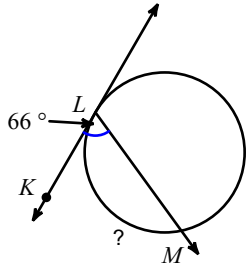


Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

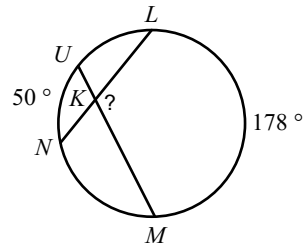
17)



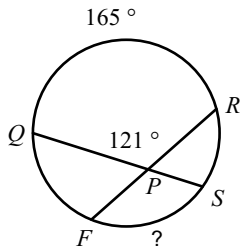
18)



19)

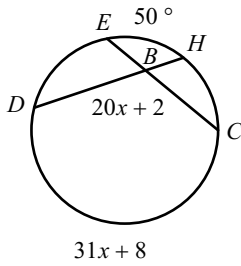


20)

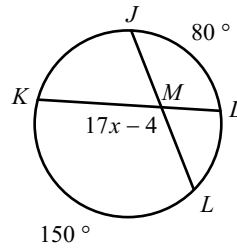


Solve for x . Assume that lines which appear tangent are tangent.

21)

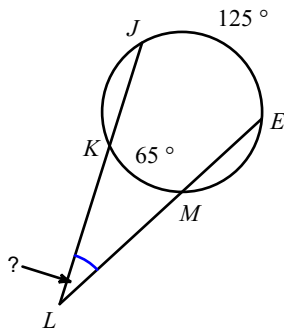


22)

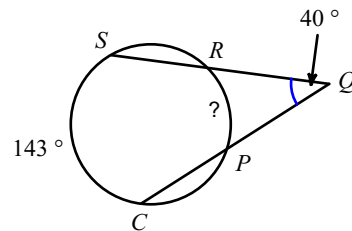


Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

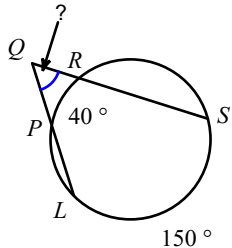
23)



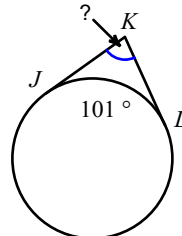
24)



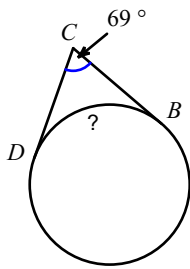
25)



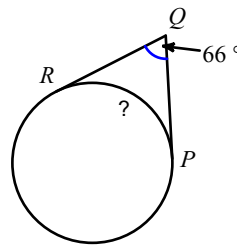
26)



27)



28)



Find the circumference of each circle.

29) area = 49π yd²

30) area = 144π mi²

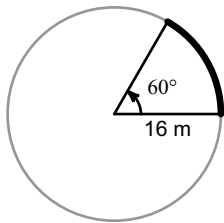
Find the area of each.

31) circumference = 18π yd

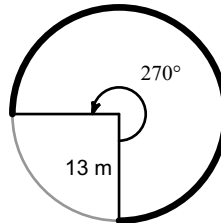
32) circumference = 10π in

Find the length of each arc.

33)

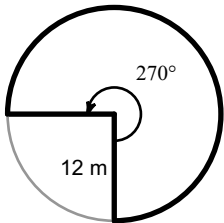


34)

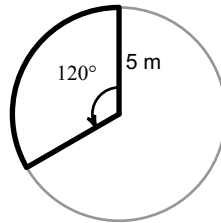


Find the area of each sector.

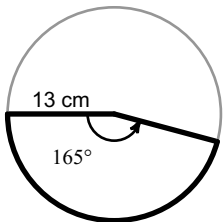
35)



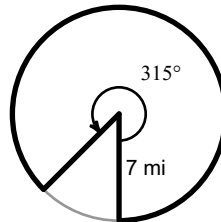
36)



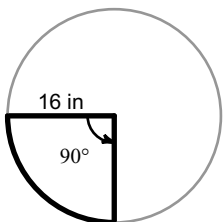
37)



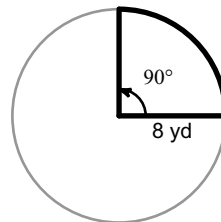
38)



39)



40)



Answers to 4.8 PRACTICE ALL - DAY 2

1) 63°

5) -6

9) 84°

13) 12

17) 210°

21) 6

25) 55°

29) 14π yd

33) $\frac{16\pi}{3}$ m

37) $\frac{1859\pi}{24}$ cm²

2) 110°

6) -8

10) 107°

14) 11

18) 132°

22) 7

26) 79°

30) 24π mi

34) $\frac{39\pi}{2}$ m

38) $\frac{343\pi}{8}$ mi²

3) 150°

7) -2

11) 15

15) 12

19) 114°

23) 30°

27) 111°

31) 81π yd²

35) 108π m²

39) 64π in²

4) 150°

8) 10

12) 4

16) 7

20) 77°

24) 63°

28) 114°

32) 25π in²

36) $\frac{25\pi}{3}$ m²

40) 16π yd²