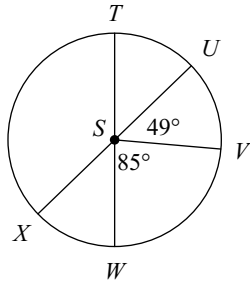


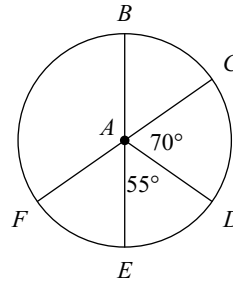
Assignment

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

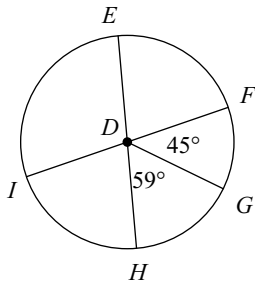
1) $m\angle VSX$



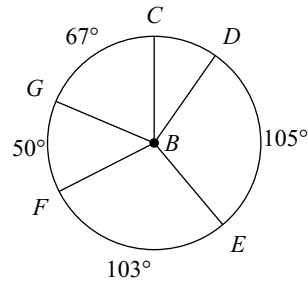
2) $m\angle CAE$



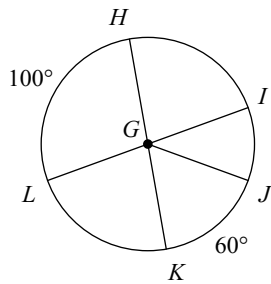
3) $m\angle IDE$



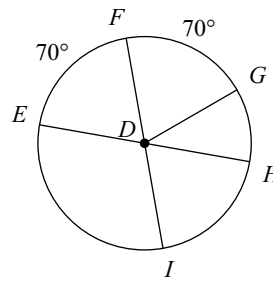
4) $m\angle FBC$



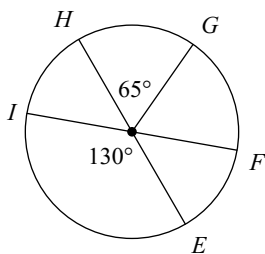
5) $m\angle HGI$



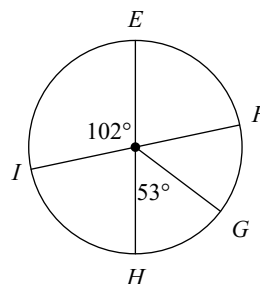
6) $m\angle GDH$



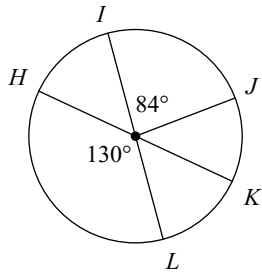
7) $m\widehat{FIG}$



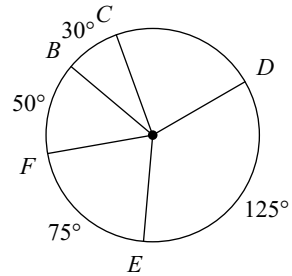
8) $m\widehat{GI}$



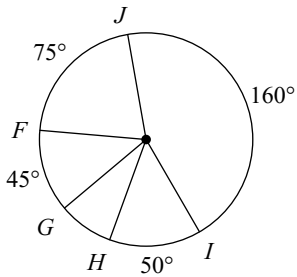
9) $m\widehat{HJ}$



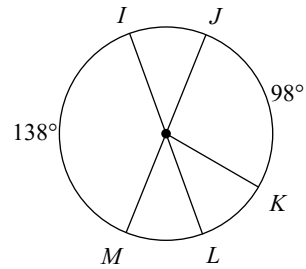
10) $m\widehat{DEB}$



11) $m\widehat{FJH}$

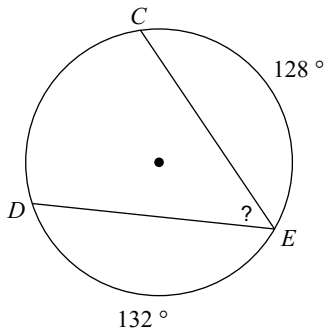


12) $m\widehat{KL}$

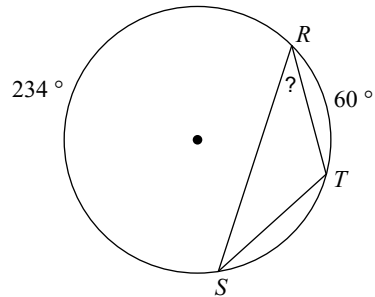


Find the measure of the arc or angle indicated.

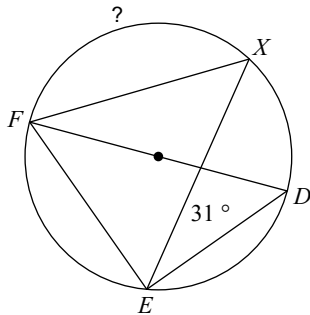
13)



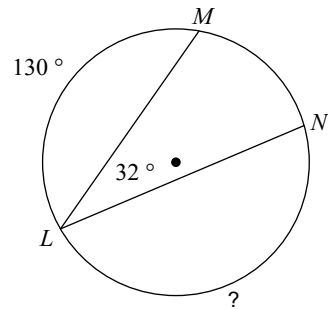
14)



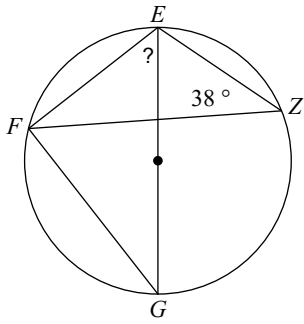
15)



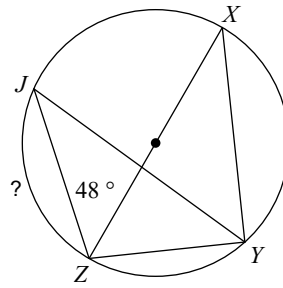
16)



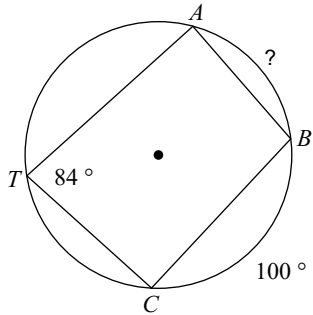
17)



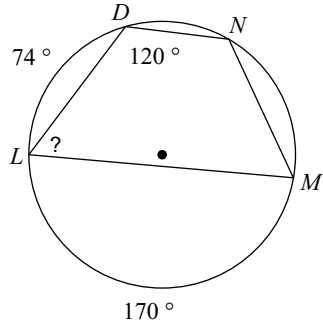
18)



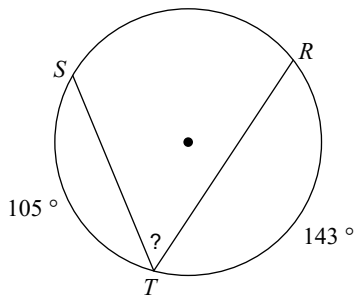
19)



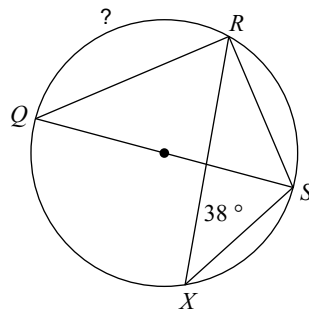
20)



21)

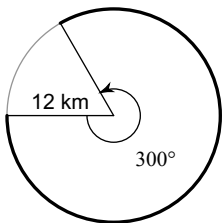


22)

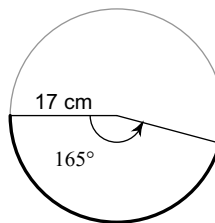


Find the length of each arc.

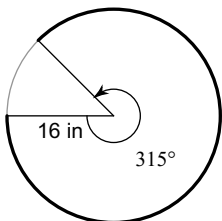
23)



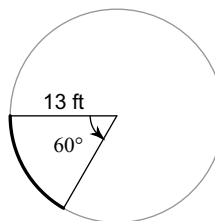
24)



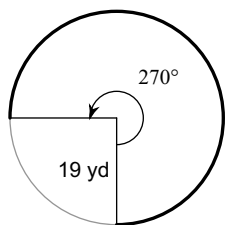
25)



26)



27)



Answers to Assignment (ID: 1)

1) 131°

5) 80°

9) 134°

13) 50°

17) 52°

21) 56°

25) 28π in

2) 125°

6) 40°

10) 250°

14) 33°

18) 84°

22) 104°

26) $\frac{13\pi}{3}$ ft

3) 104°

7) 295°

11) 285°

15) 118°

19) 68°

23) 20π km

27) $\frac{57\pi}{2}$ yd

4) 117°

8) 131°

12) 40°

16) 166°

20) 58°

24) $\frac{187\pi}{12}$ cm