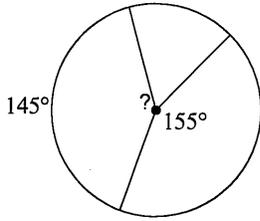


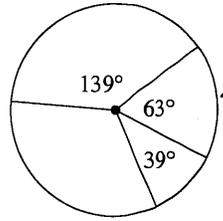
4A Review Angles in Circles

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

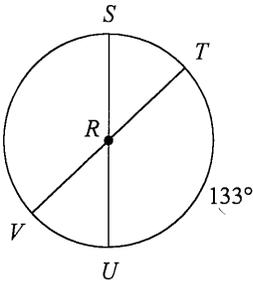
1)



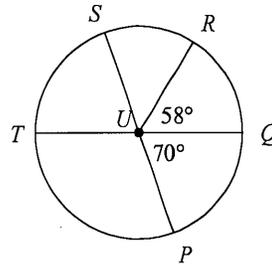
2)



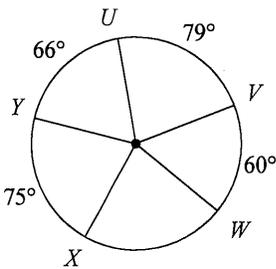
3) $m\angle VRS$



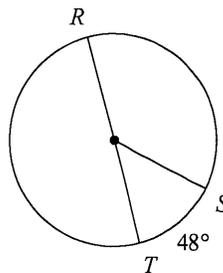
4) $m\angle PUT$



5) $m\widehat{VX}$

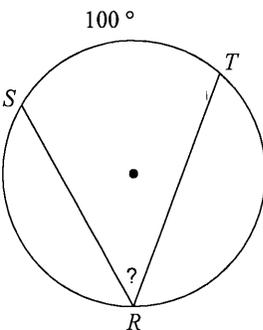


6) $m\widehat{RS}$

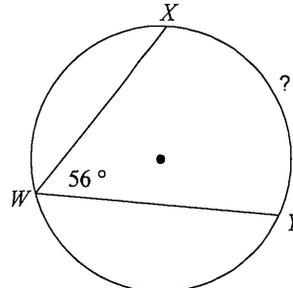


Find the measure of the arc or angle indicated.

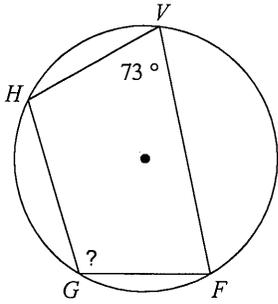
7)



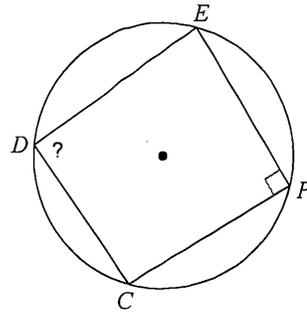
8)



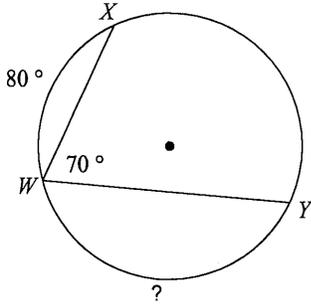
9)



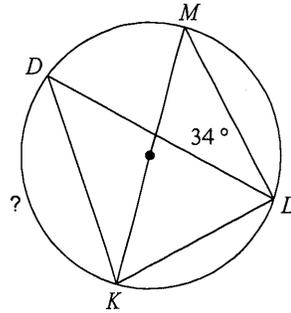
10)



11)

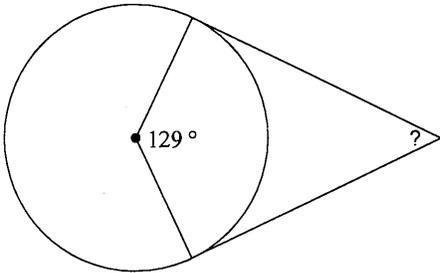


12)

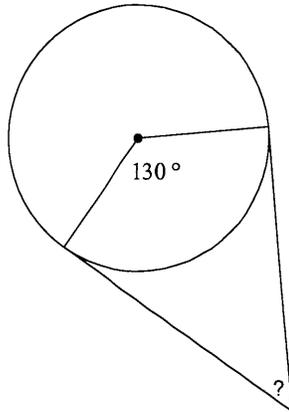


Find the angle measure indicated. Assume that lines which appear to be tangent are tangent.

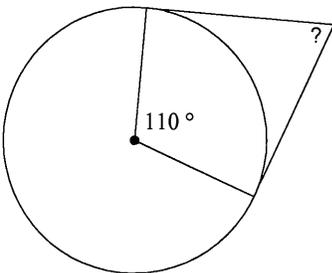
13)



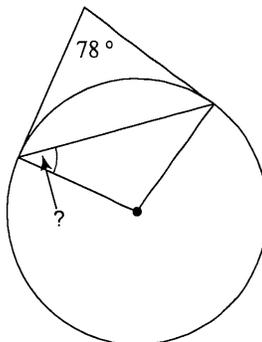
14)



15)

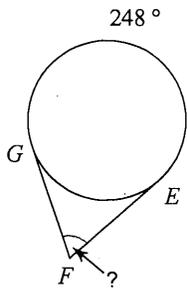


16)

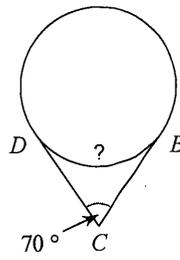


Find the measure of the arc or angle indicated. SHOW the equation needed to find the answer.

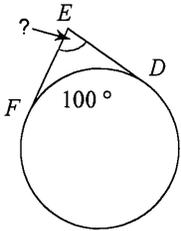
17)



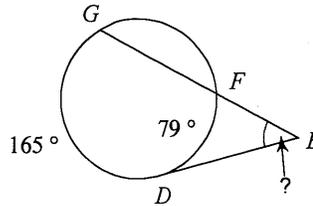
18)



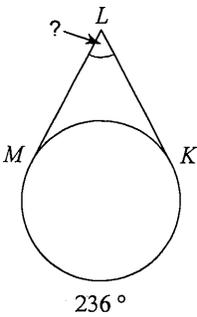
19)



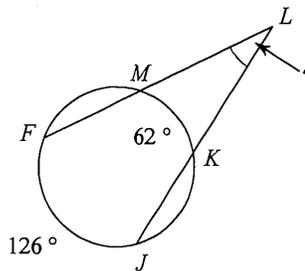
20)



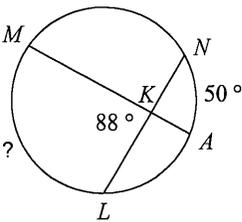
21)



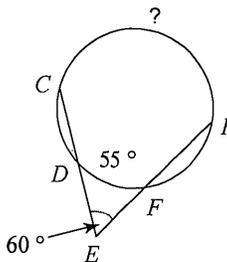
22)



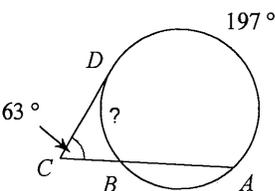
23)



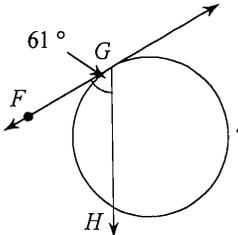
24)



25)



26)



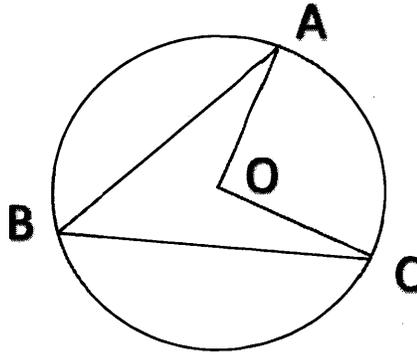
Use the diagram for #1-4 below.

1. $\angle O = 115^\circ$ $\angle B =$ _____

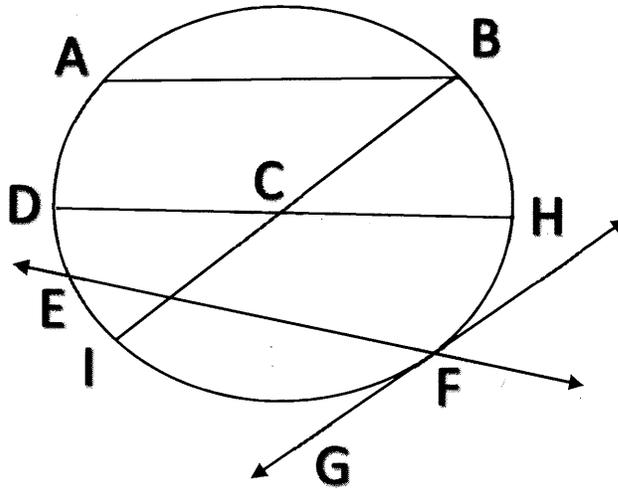
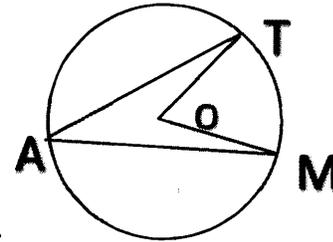
2. $\angle O = 122^\circ$ $\angle B =$ _____

3. $\angle B = 47^\circ$ $\angle O =$ _____

4. $\angle C = 132^\circ$ $\angle O =$ _____ $\angle B =$ _____



5. Describe the relationship between $\angle A$ and $\angle O$.



Use the figure to answer the following questions.

29. \overline{EF} is a

33. \overline{DH} is a

37. $\angle BCH$ is a

30. \overline{BC} is a

34. \widehat{AB} is a

38. $\angle ABI$ is a

31. \overline{FG} is a

35. \widehat{DBH} is a

32. \overline{AB} is a

36. \widehat{EFB} is a