

Name _____

Date _____

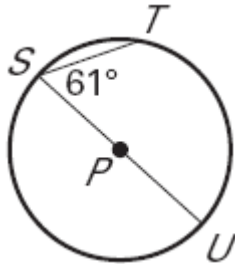
LESSON 10.4

Practice B

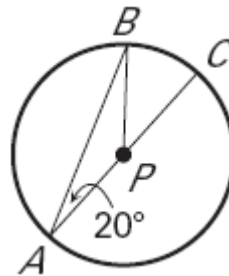
For use with pages 671–679

Find the measure of the indicated angle or arc in $\odot P$.

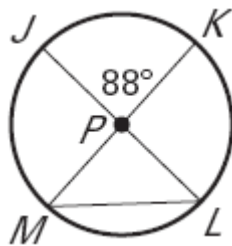
1. $m\widehat{ST}$



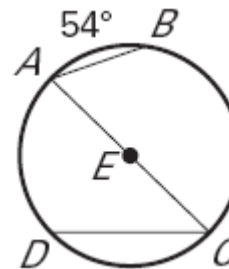
2. $m\widehat{AB}$



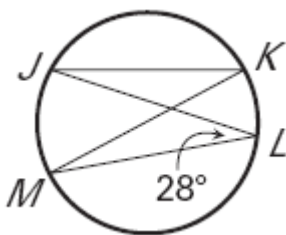
3. $m\angle JLM$



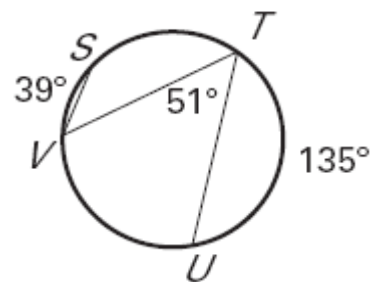
4. $m\angle A$



5. $m\angle K$



6. $m\widehat{VST}$



Find the measure of the indicated angle or arc in $\odot P$, given $m\widehat{LM} = 84^\circ$ and $m\widehat{KN} = 116^\circ$.

7. $m\angle JKL$

8. $m\angle MKL$

9. $m\angle KMN$

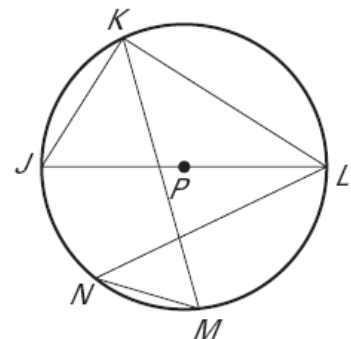
10. $m\angle KLN$

11. $m\angle JKM$

12. $m\angle LNM$

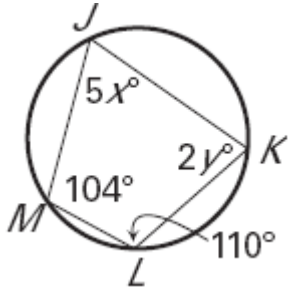
13. $m\widehat{MJ}$

14. $m\widehat{LKJ}$

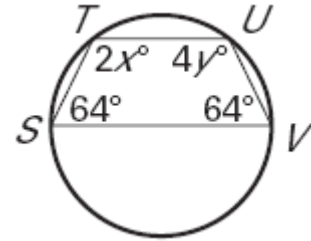


Find the values of the variables.

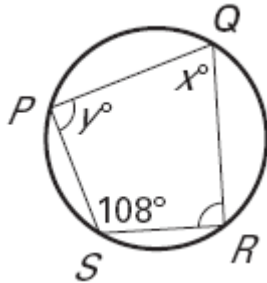
15.



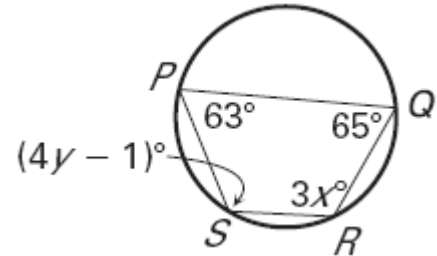
16.



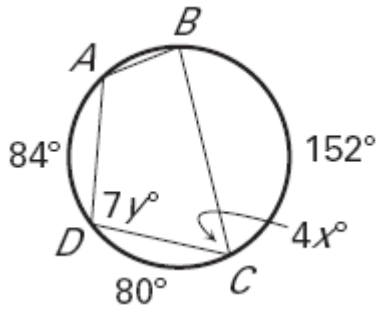
17.



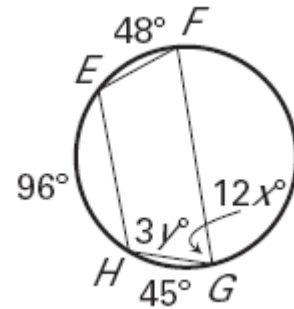
18.



19.



20.



21. GIVEN: $\widehat{AB} \cong \widehat{CD}$
 PROVE: $\triangle ABE \cong \triangle DCE$

Statements	Reasons
1. $\widehat{AB} \cong \widehat{CD}$	1. _____
2. _____	2. Theorem 10.3
3. _____	3. Vertical Angles Theorem
4. $\angle BDC \cong \angle CAB$	4. _____
5. $\triangle ABE \cong \triangle DCE$	5. _____

