

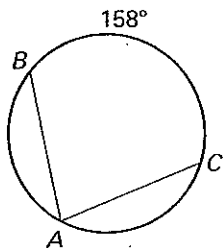
LESSON 10.4

Practice A

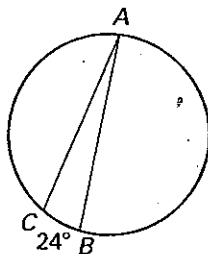
For use with pages 671-679

Find the indicated measure.

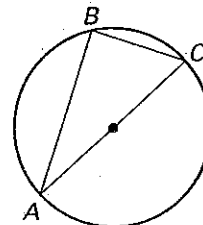
1. $m\angle A$



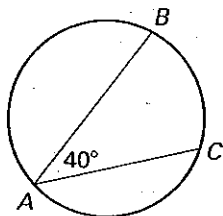
2. $m\angle A$



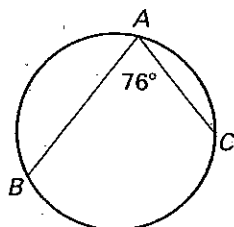
3. $m\angle B$



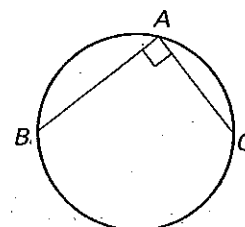
4. $m\widehat{BC}$



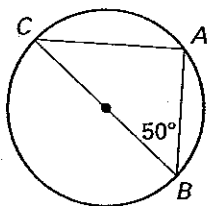
5. $m\widehat{BC}$



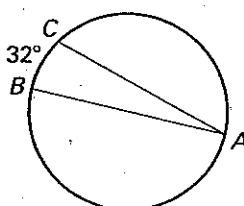
6. $m\widehat{BC}$



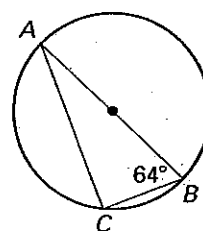
7. $m\angle C$



8. $m\angle A$



9. $m\widehat{BC}$



Find the indicated measure in $\odot M$.

10. $m\angle PNO$

11. $m\angle QNP$

12. $m\widehat{PQ}$

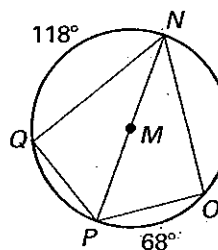
13. $m\widehat{QO}$

14. $m\angle NMO$

15. $m\widehat{NOP}$

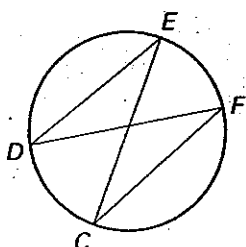
16. $m\angle QMP$

17. $m\widehat{OQN}$

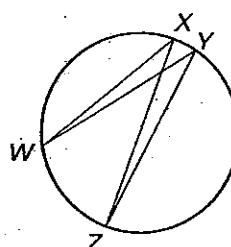


Name two pairs of congruent angles.

18.



19.



LESSON 10.4

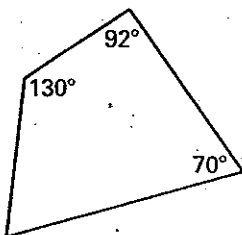
Practice A *continued*

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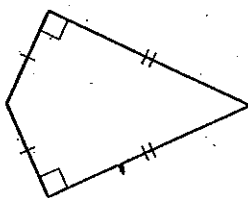
LESSON 10.4

Decide whether a circle can be circumscribed about the quadrilateral.

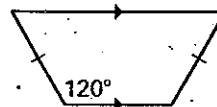
20.



21.

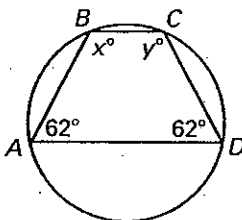


22.

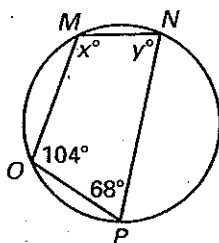


Find the values of the variables.

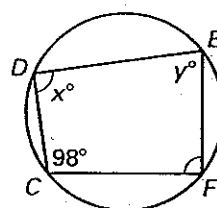
23.



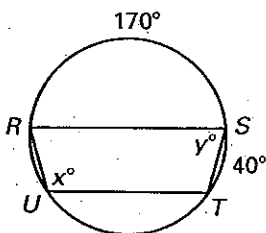
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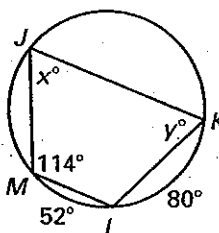
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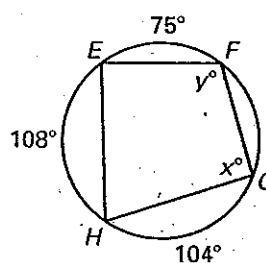
26.



27.

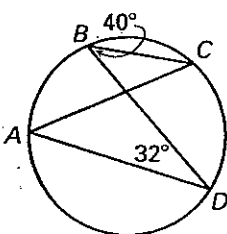


28.

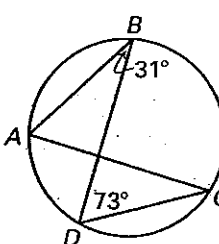


Find $m\angle A$ and $m\angle C$.

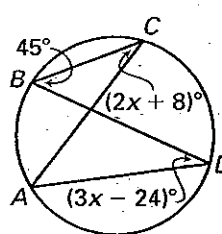
29.



30.



31.



32. **Stained Glass** You are making the stained glass ornament shown at the right. The kite is symmetric, so $\angle A \cong \angle C$, BD is a diameter of the circle, and $m\angle D = 60^\circ$. What are the measures of $\angle A$, $\angle B$, and $\angle C$?

