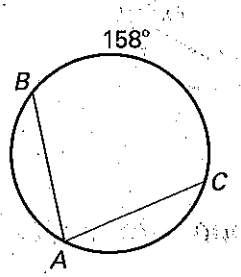
Name _____ Date _____

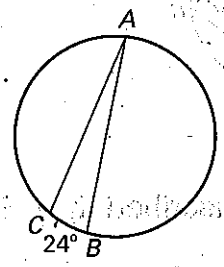
LESSON 6.4 Practice

Find the indicated measure.

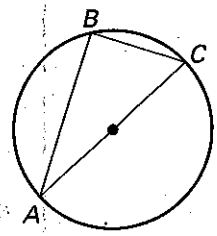
1. $m\angle A$



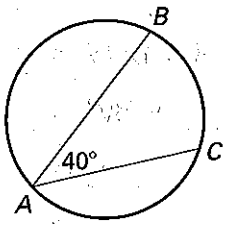
2. $m\angle A$



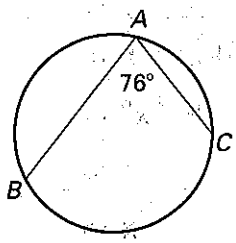
3. $m\angle B$



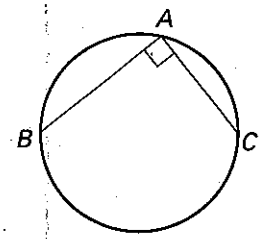
4. $m\overset{\frown}{BC}$



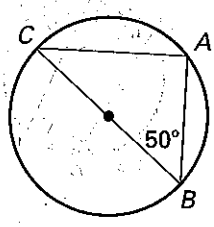
5. $m\overset{\frown}{BC}$



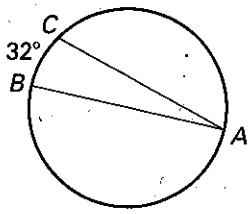
6. $m\overset{\frown}{BC}$



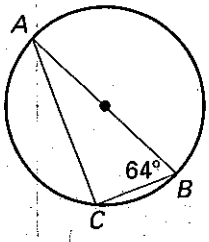
7. $m\angle C$



8. $m\angle A$



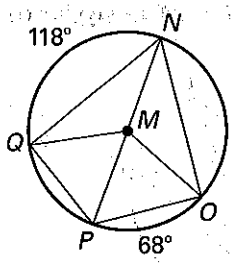
9. $m\overset{\frown}{BC}$



Name _____ Date _____

LESSON 6.4 **Practice** *continued*

Find the indicated measure in $\odot M$.



10. $m\angle PNO$

11. $m\angle QNP$

12. $m\overset{\frown}{PQ}$

13. $m\overset{\frown}{QO}$

14. $m\angle NMO$

15. $m\overset{\frown}{NOP}$

16. $m\angle QMP$

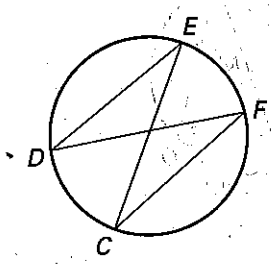
17. $m\overset{\frown}{OQN}$

Name _____ Date _____

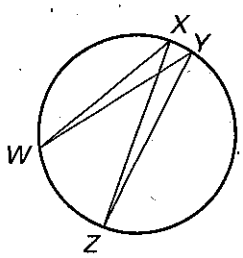
LESSON 6.4 **Practice** *continued*

Name two pairs of congruent angles.

18.

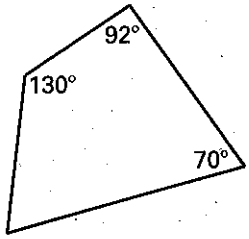


19.



Decide whether a circle can be circumscribed about the quadrilateral.

20.



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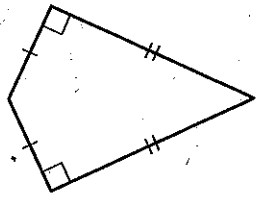

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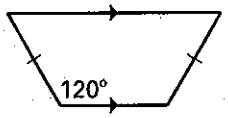
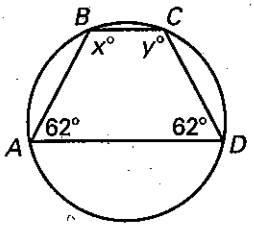
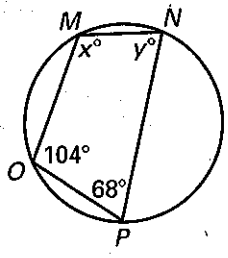


Find the values of the variables.

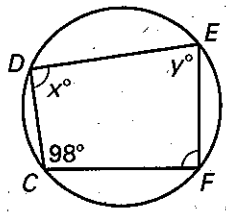
23.



24.



25.

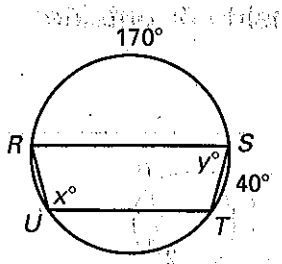


Name _____ Date _____

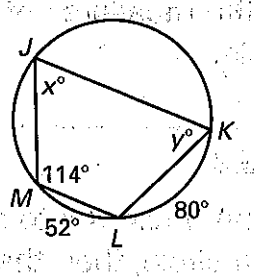
LESSON 6.4 **Practice** *continued*

Find the values of the variables.

26.



27.



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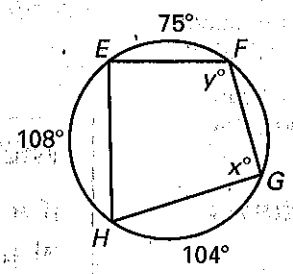
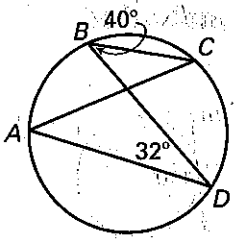


Find $m\angle A$ and $m\angle C$.

29.



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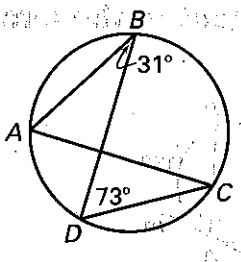
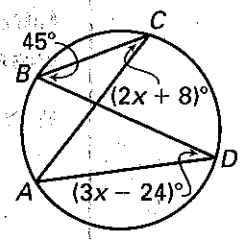


31.



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