

Name _____

Date _____

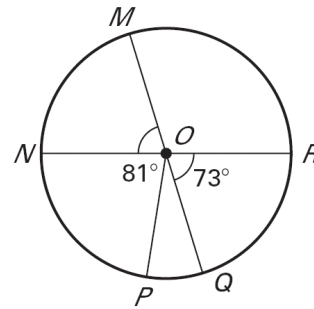
LESSON 10.2

Practice C

For use with pages 659-663

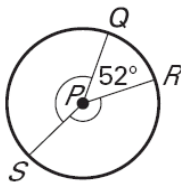
\overline{MQ} and \overline{NR} are diameters of $\odot O$. Determine whether the given arc is a *minor arc*, *major arc*, or *semicircle*. Then find the measure of the arc.

1. \widehat{MN}
2. \widehat{NQ}
3. \widehat{NQR}
4. \widehat{MRQ}
5. \widehat{QR}
6. \widehat{MR}
7. \widehat{QMR}
8. \widehat{PQ}
9. \widehat{PRN}
10. \widehat{MQN}

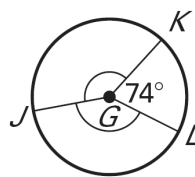


Find the indicated arc measure.

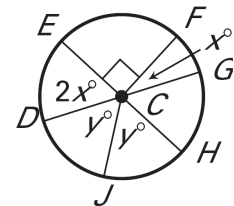
11. $m\widehat{QS}$



14. $m\widehat{LKJ}$

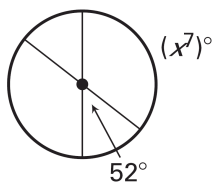


15. $m\widehat{DH}$

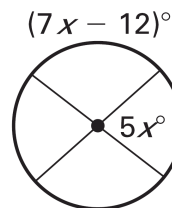


Find the value of x

- 16.



- 17.



\overline{AC} and \overline{BD} are diameters of $\odot E$. Find the measure of the given arc if $m\widehat{ACD} = 316^\circ$.

18. $m\widehat{AD}$

19. $m\widehat{BC}$

20. $m\widehat{BCA}$

21. $m\widehat{DCB}$

\overline{RT} and \overline{PS} are diameters of $\odot N$. Find the measure of the given arc if $m\widehat{TP} = 47^\circ$.

22. $m\widehat{ST}$

23. $m\widehat{PR}$

24. $m\widehat{RTP}$

25. $m\widehat{STR}$

Tell whether $\widehat{AB} \cong \widehat{CD}$. Explain.

