

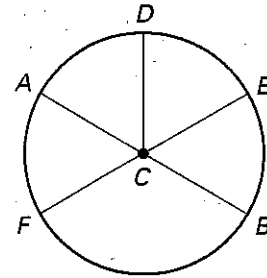
Practice B

For use with pages 603–611

Worksheet 4

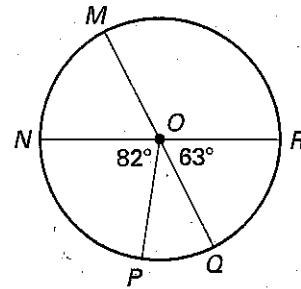
Determine whether the arc is a *minor arc*, a *major arc*, or a *semicircle* of $\odot C$.

- | | |
|--------------------|--------------------|
| 1. \widehat{AE} | 2. \widehat{ADB} |
| 3. \widehat{FDE} | 4. \widehat{DFB} |
| 5. \widehat{FA} | 6. \widehat{BE} |
| 7. \widehat{BDA} | 8. \widehat{FB} |



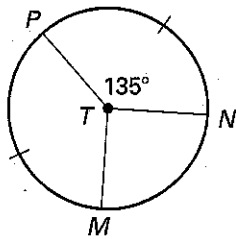
\overline{MQ} and \overline{NR} are diameters. Find the indicated measure.

- | | |
|----------------------|----------------------|
| 9. $m\widehat{MN}$ | 10. $m\widehat{NQ}$ |
| 11. $m\widehat{NQR}$ | 12. $m\widehat{MRP}$ |
| 13. $m\widehat{QR}$ | 14. $m\widehat{MR}$ |
| 15. $m\widehat{QMR}$ | 16. $m\widehat{PQ}$ |
| 17. $m\widehat{PRN}$ | 18. $m\widehat{MQN}$ |

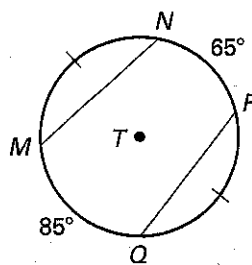


Find the measure of \widehat{MN} .

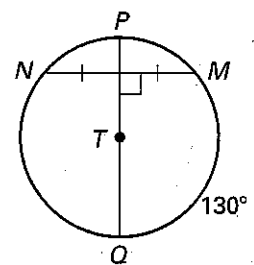
19.



20.

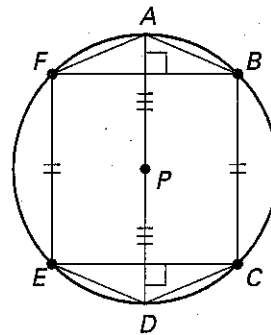


21.



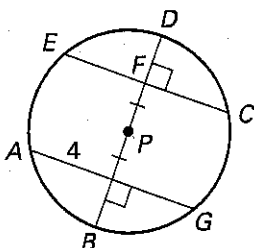
Use the figures to match the chord or arc with a congruent chord or arc.

- | | |
|---------------------|--------------------|
| 22. \widehat{FB} | A. \widehat{FE} |
| 23. \overline{AF} | B. \widehat{ED} |
| 24. \widehat{BC} | C. \widehat{EC} |
| 25. \overline{EC} | D. \overline{AB} |
| 26. \widehat{DC} | E. \overline{BF} |
| 27. \overline{PD} | F. \overline{PA} |



Find the indicated measure for $\odot P$.

28. $FC = ?$



29. $m\widehat{BC} = 50^\circ$, $\widehat{AB} \cong \widehat{ED}$, $m\widehat{AE} = ?$

