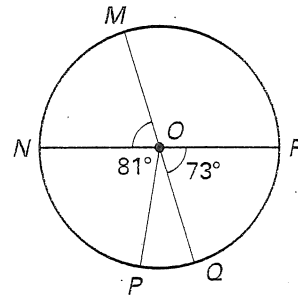


**Practice C**

For use with pages 603–611

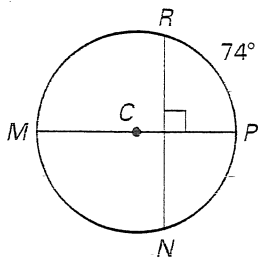
$\overline{MQ}$  and  $\overline{NR}$  are diameters. Find the indicated measures.

- |                      |                      |
|----------------------|----------------------|
| 1. $m\widehat{MN}$   | 2. $m\widehat{NQ}$   |
| 3. $m\widehat{NQR}$  | 4. $m\widehat{MRP}$  |
| 5. $m\widehat{PN}$   | 6. $m\widehat{MNQ}$  |
| 7. $m\widehat{QR}$   | 8. $m\widehat{MR}$   |
| 9. $m\widehat{QMR}$  | 10. $m\widehat{PQ}$  |
| 11. $m\widehat{PRN}$ | 12. $m\widehat{MQN}$ |

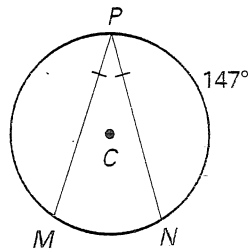


Find the measure of  $\widehat{MN}$ .

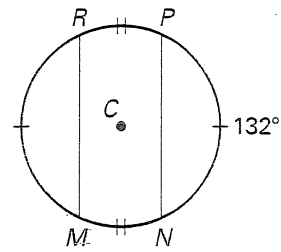
13.



14.

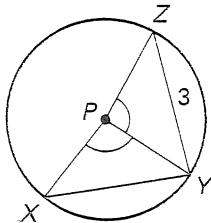


15.

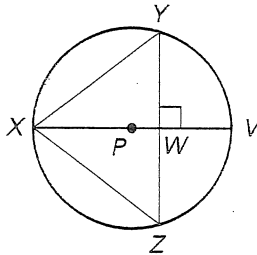


P is the center of the circle. Use the given information to find XY. Explain your reasoning.

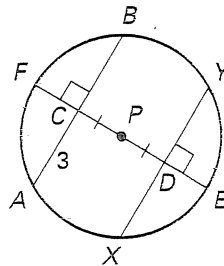
16.  $ZY = 3$



17.  $ZY = 6, XW = 4$



18.  $CA = 3$

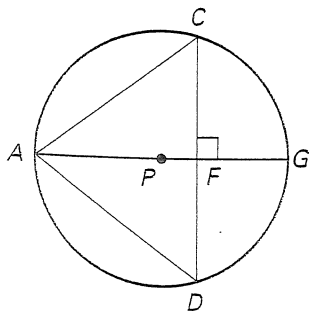


Write a two-column proof or a paragraph proof.

19. Given:  $\odot P, \overline{AG} \perp \overline{CD}$

$\overline{AG}$  is a diameter of  $\odot P$ .

Prove:  $\overline{AC} \cong \overline{AD}$



20. Given:  $\odot P, \odot Q, \overline{CQ} \cong \overline{AP}$

$\widehat{AB} \cong \widehat{CD}$

Prove:  $\triangle APB \cong \triangle CQD$

