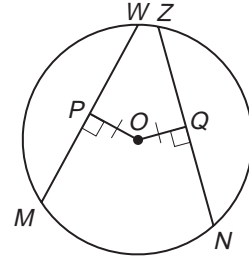**11-4**

Skills Practice

Inscribed Polygons

Use ⊙O to find x.

1. $WM = x + 8$, $ZN = 2x + 5$

2. $WM = 3x + 10$, $ZN = 2x + 15$

3. $WM = x - 6$, $ZN = 2x - 12$

4. $WM = 2x - 5$, $ZN = x + 5$

5. $WM = 5x - 1$, $ZN = 2x + 5$

6. $WM = 4x + 15$, $ZN = 3x + 19$

7. $WM = x + 8$, $ZN = 2x + 5$

8. $WM = 4x$, $ZN = 3x + 1$

9. $WM = x - 1$, $ZN = 2x - 7$

10. $WM = 20x + 100$, $ZN = 30x + 80$

Square SQUR is inscribed in ⊙C with a radius of 20 meters.

11. Find $m\angle SCQ$.

12. Find SQ to the nearest tenth.

13. Find CA to the nearest tenth.