

Practice A

For use with pages 661–668

Lesson 11.1

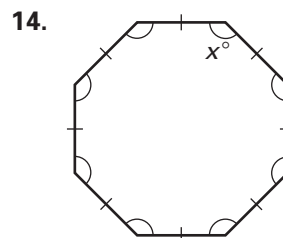
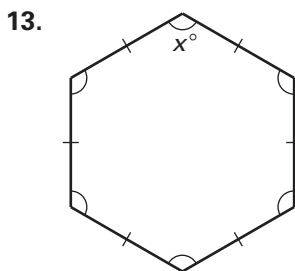
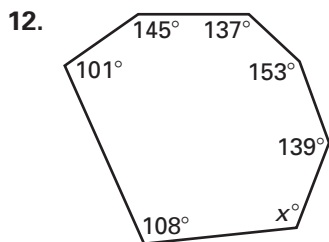
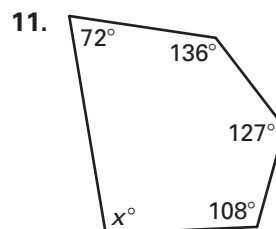
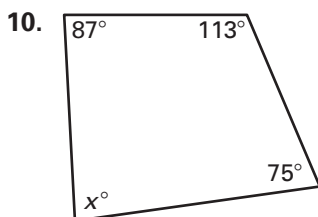
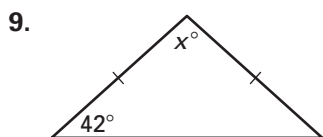
State the number of sides and the number of interior angles of the polygon.

1. quadrilateral 2. hexagon 3. decagon 4. pentagon

Find the sum of the measures of the interior angles of the convex polygon.

5. hexagon 6. octagon 7. 12-gon 8. 15-gon

Find the value of x .



You are given the measure of each interior angle of a regular n -gon. Find the value of n .

15. 90° 16. 108° 17. 135° 18. 144°

Find the sum of the measures of the exterior angles of the convex polygon.

19. hexagon 20. octagon 21. 12-gon 22. 15-gon

You are given the measure of each exterior angle of a regular n -gon. Find the value of n .

23. 90° 24. 60° 25. 45° 26. 30°

Find the value of x .

