NAME _____ DATE _____

Practice C

For use with pages 669–675

Find the area of the triangle.
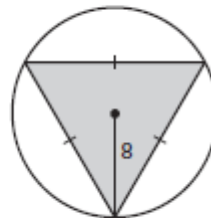
1.

10   10

10

2.

2.5

3.

8
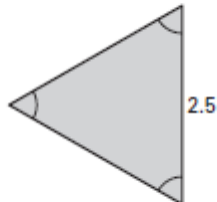
Find the measure of a central angle of a regular polygon with the given number of sides.

4. 12 sides   **5.** 15 sides   **6.** 25 sides   **7.** 32 sides
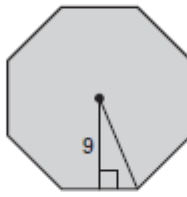
Find the perimeter and area of the regular polygon shown.
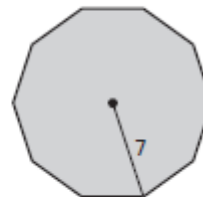
8.

12

9.

9

10.

7
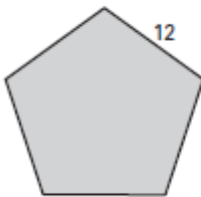
Solve.

11. What is the area of an equilateral triangle with radius 15 cm?

12. What is the area of a regular hexagon with apothem 7.5 inches?

13. What is the area of a square with a diagonal 6.3 cm?

14. What is the approximate side length of a regular hexagon with area 100 square centimeters?

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