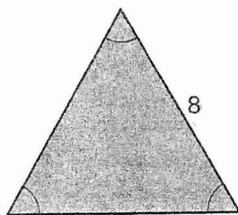


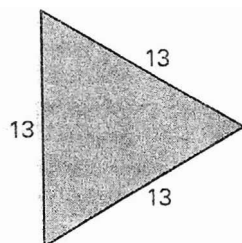
11.2

Find the area of the triangle.

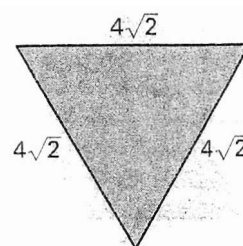
1.



2.



3.



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

4. 8 sides

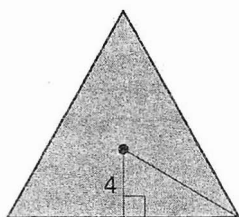
5. 10 sides

6. 18 sides

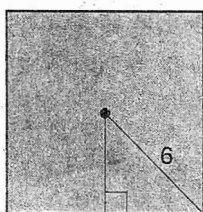
7. 24 sides

Find the perimeter and area of the regular polygon.

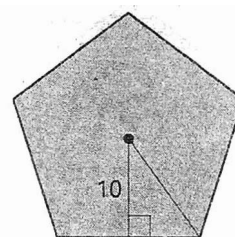
8.



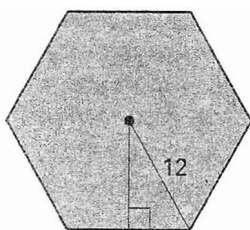
9.



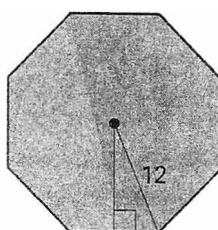
10.



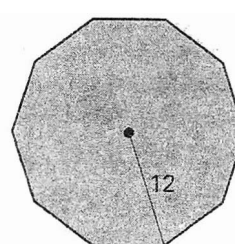
11.



12.



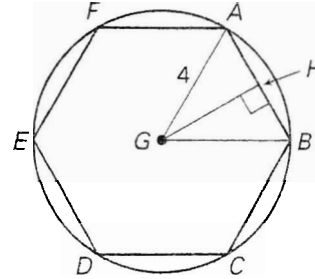
13.



LESSON 11.2

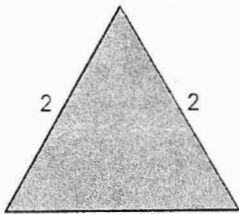
In Exercises 1–5, use the diagram at the right.

1. Identify the center of polygon $ABCDEF$.
2. Identify the length of a radius of the polygon.
3. Identify a central angle of the polygon.
4. Identify a segment whose length is the apothem.
5. How many triangles are formed when the radii are drawn from the center to the vertices of the polygon?

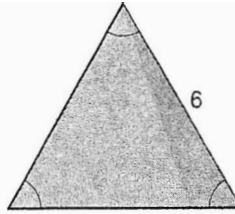


Find the area of the triangle.

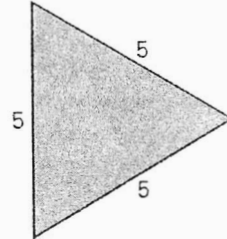
9.



10.

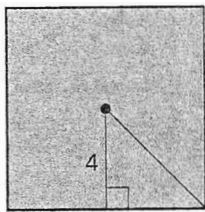


11.

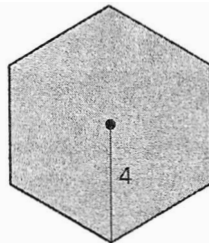


Find the area of the regular polygon.

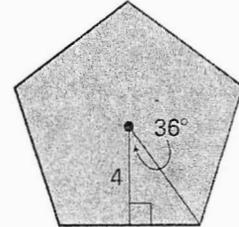
12.



13.

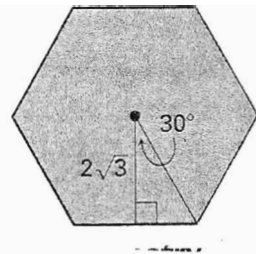


14.

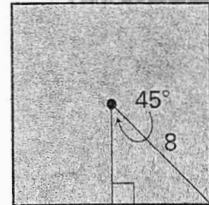


Find the perimeter and area of the regular polygon.

15.



16.



17.

