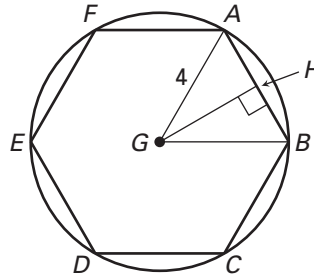


Practice A

For use with pages 669–675

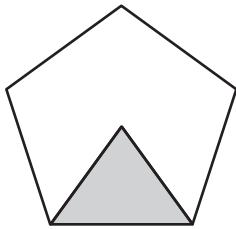
In Exercises 1–5, use the diagram at the right.

1. Identify the center of polygon $ABCDEF$.
2. Identify the length of the 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.

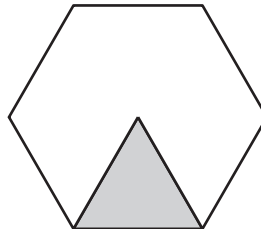


The area of the shaded triangle is given. Find the area of the regular polygon.

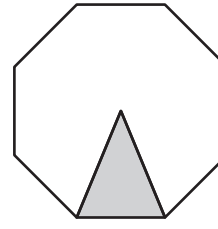
6. Area = 8.5 cm^2



7. Area = $12\sqrt{3} \text{ in.}^2$

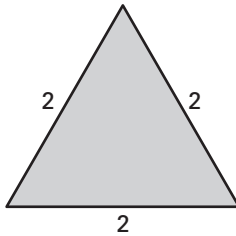


8. Area = 10.8 cm^2

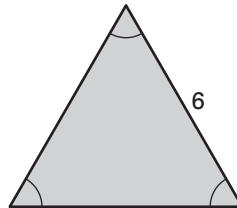


Find the area of the triangle.

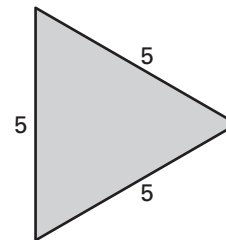
9.



10.

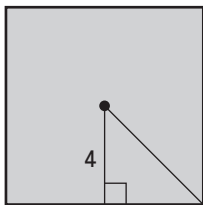


11.

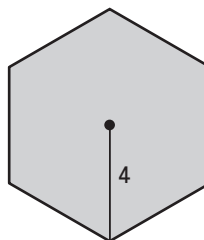


Find the area of the regular polygon.

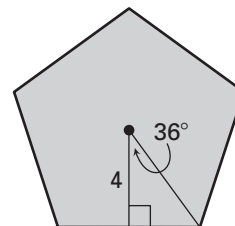
12.



13.

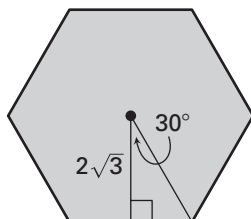


14.

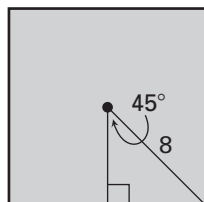


Find the perimeter and area of the regular polygon.

15.



16.



17.

