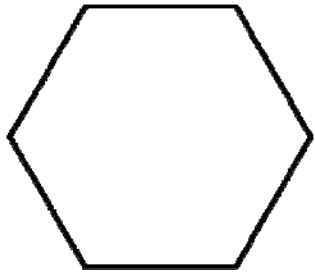


## Areas of Regular Polygons



$$\text{Area} = \frac{1}{2} \cdot \text{Perimeter} \cdot \text{Apothem}$$

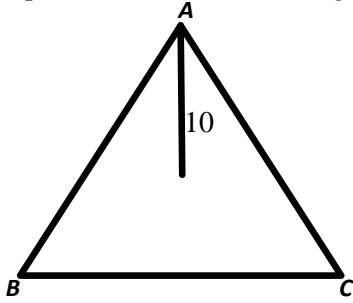
Directions: Find the area of each regular polygon.

1. A regular hexagon with a side length of 8 cm.

2. A regular octagon with a radius of 7.5 feet.

3. A regular pentagon with a side length of 3.5 inches.

4.  $\triangle ABC$  is equilateral with a radius length of 10.



5.  $\triangle ABC$  is equilateral with a side length of  $6\sqrt{5}$ .

