Def. Center of a Regular polygon
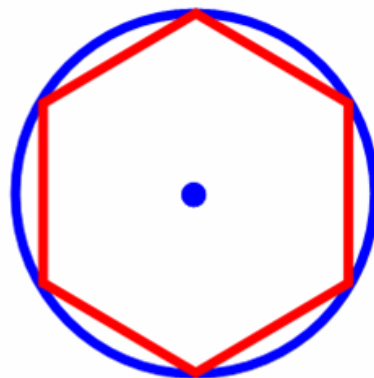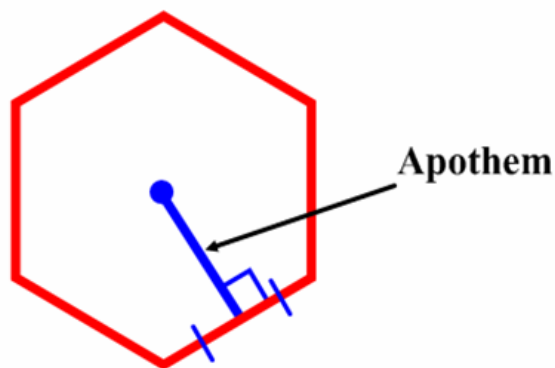
The center of a regular polygon is the center of the circle circumscribed about the polygon.

Def. Apothem

A segment from the center of a regular polygon that is the $\perp$ bisector of a side of the regular polygon.

Apothem

Area of a Regular Polygon

$$A = \frac{1}{2} a P$$

Where A is Area,
a is the apothem,
P is the perimeter.

Def. Composite Figure

A figure that can be separated regions that are basic figures, such as triangles, rectangles, trapezoids, and circles.

11 cm

8 cm

5 cm

18 cm

2 cm

10 cm

3 cm

7 cm

7 cm