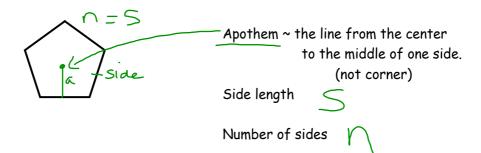
## LESSON # 43 ~ Area of a Regular Polygon

Textbook 173 and 174



Formula used to calculate the area:

Example 1: Pentagon with side length of 4cm and apothem of 3cm.

$$A = \frac{San}{2}$$
 $A = \frac{4(3)(5)}{2}$ 
 $A = 30 cm^{2}$ 

Example 2: Find the length of the side of a regular hexagon with the area 48cm<sup>2</sup> and apothem 8cm.

