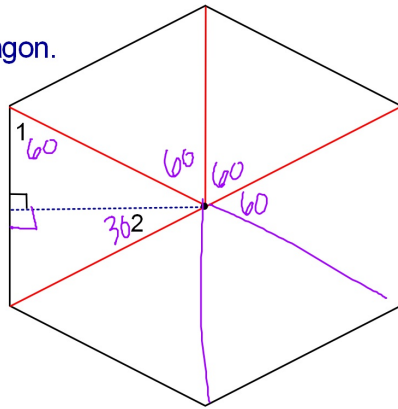


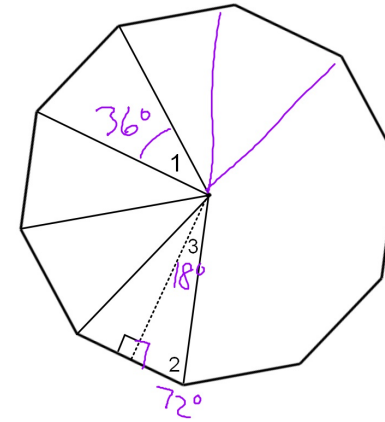
Bellwork Tuesday, May 6, 2014

1. Find the measure central angle and the measure of each numbered angle in this regular hexagon.



$$\frac{360^\circ}{6} = 60$$

2. Find the measure of each central angle and the measure of each numbered angle.



3. Find the area of a square whose radius is 6 in. Round to the nearest tenth.

$$A = \frac{1}{2}ap$$

$$\frac{1}{2} \left(\frac{6}{\frac{1}{12}} \right) \left(\frac{48}{\frac{1}{12}} \right)$$

$$\frac{1}{2} \frac{(6)(48)}{2}$$

$$72 \text{ in}^2$$

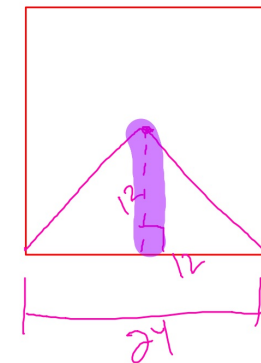
$$a = \frac{6}{\frac{1}{12}}$$

$$p = 4 \left(\frac{12}{\frac{1}{12}} \right)$$

$$= \frac{48}{\frac{1}{12}}$$

$$\frac{12}{\frac{1}{12}}$$

4. Find the area of a square whose apothem is 12 in.



$$a = 12$$

$$p = 96$$

$$A = \frac{1}{2}(12)(96)$$

$$A = 576 \text{ in}^2$$