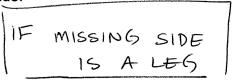
Bellwork	Geo	Wednesda	ay, May 13, 20	020	
	des of a righ	it triangle are a	II whole numbers.	Two of the sides are	36 and 85, find the third
side.					
2. Find the EXACT area of an Equilateral Triangle whose apothem is 9 inches long.					
		-			

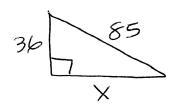
Bellwork Geo Wednesday, May 13, 2020



1. The three sides of a right triangle are all whole numbers. Two of the sides are 36 and 85, find the third side.

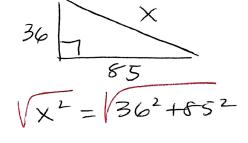
OR



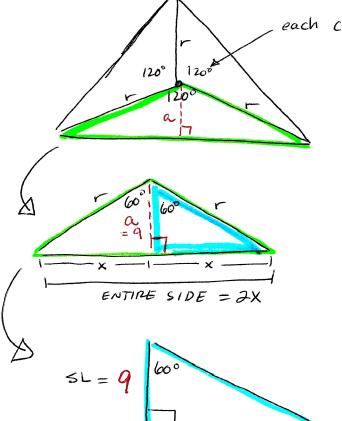


$$85^2 = X^2 + 36^2$$

$$\sqrt{X^2} = 85^2 - 36^2$$



2. Find the EXACT area of an Equilateral Triangle whose apothem is 9 inches long.



each contral
$$L = \frac{360}{3} = 120$$

$$A = \frac{1}{2} a \cdot p$$

$$= \frac{1}{2} (9) p$$

$$= \frac{1}{2} (9) (5473) = 24373$$

$$= \frac{1}{2} (9) (5473) = \frac{1}{2} (9) (10) = \frac{1}{2} (9) (1$$

entire side =
$$2x$$

= $2(963)$
= 1873
Perimeter
= $3(1863)$
 $P = 5463$