Name:	Date:	Н	our: _Alg 1
Unit 5a Day 6: The Pythagorean Theo	rem and its Conv	erse	
Focus Question: How does the type of triangle rela	ate to the area of square	es?	
A. The sides of a triangle The three sides of a triangle are commonly "b" is commonly the middle length side, an	referred to as a , b , and and " c " is always the lor	c: "a" is usually the agest side.	he shortest side,
For each triangle below, classify the triangl	e by its angles, then lab	oel the sides with a	a, b, and c.
Qiolot A	Dhotuse A	A	coba toutes
B. The relationship between triangles and square In each picture below, a triangle is drawn in been drawn. Fill in the chart for each picture	n the middle. Off of eac	D: 111	gle, a square has
	Area of smallest + square (a ²)	Area of $<$ medium $>$ c square $=$ (b^2)	or Area of or largest square (c2)
a de la constant de l	+	10 =	- 25
	Length of smallest + side (a)		or Length of or longest is side (c)
	3		
Type of Triangle: Acutc			
	Area of smallest + square (a ²)		or Area of or largest square (c ²)
b b	5 +		
	Length of smallest + side (a) +		<pre>cor Length of > or longest = side (c)</pre>
	22.2	7.8	

