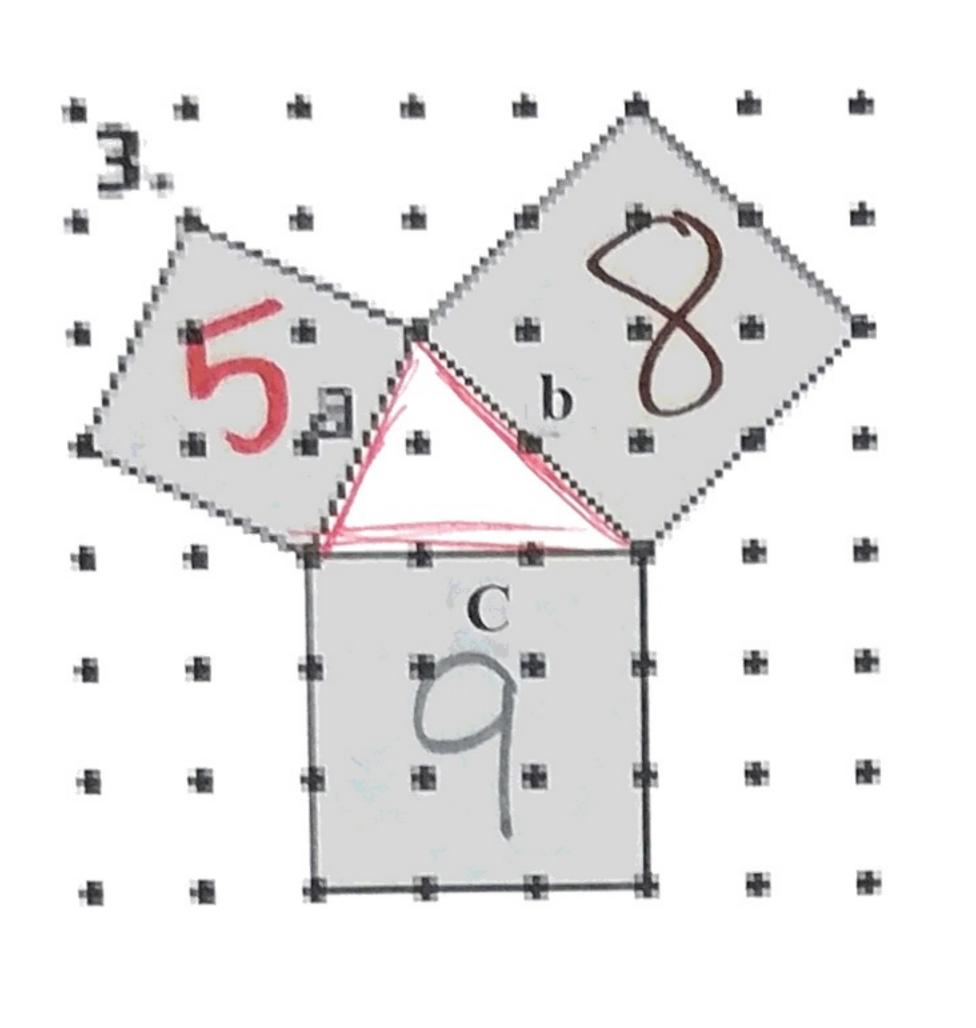
	Name:		Da	te:	C (7	Hour:	and	
	_	6: The relation How does the type	-	_					
		of a triangle sides of a triangle mmonly the middle					ly the sh	ortest side,	
	For each 1	triangle below, ider	ntify what type of t	riangle it is, th	en lab	el the sides w	ith a, b,	and c.	
		6					C	4	
	B. The relati	onship between trial icture below, a trian vn. Fill in the chart	ngle is drawn in the	obtuse 1. e middle. Off o		side of the ti		a square has	
	4 4 4		e e	Type of	Triang	le: Ric	Mt		
				Area of smallest square (a ²)	+ 1	Area of medium square (b ²)	< or > or =	Area of largest square (c ²)	
					+	16		25	1
		160		Length of smallest side (a)	+	Length of medium side (b)	< or > or =	Length of longest side (c)	V V
	* * *		• •	3	+	4		5	
	2.	€ €	•	Type of	Triang	le: Ria	nt!		•
			• •	Area of smallest square (a ²)	+	Area of medium square (b ²)	1	Area of largest square (c ²)	
		a b			+				1
			• •	Length of smallest side (a)	+	Length of medium side (b)	< or > or =	Length of longest side (c)	1
					+	2	>	15	
1	Right D's	a2+12=	c ² And	atb>c	3			~ d.	



Type of Triangle:

Area of smallest square (a ²)	+	Area of medium square (b ²)	< or > or =	Area of largest square (c ²)
5	+	8		9

	13			
Length of		Length of	< or	Length of
smallest	+	medium	> or	longest
side (a)		side (b)	=	side (c)
15	+	18		3
2 1	+	2.9		

Type of Triangle:

Area of smallest square (a ²)	+	Area of medium square (b ²)	< or > or =	Area of largest square (c ²)
13	+	37		68

	10			
Length of		Length of	< or	Length of
smallest	+	medium	> or	longest
side (a)		side (b)	=	side (c)
463		V37		168
443	+			00
3.60	,	6.05	100000	8.2

C. Review Question from 7th grade:

Make an observation about the lengths of the sides and the types of triangle.

No matter the type of triangle the Sum of a and b is always areater than c.

D. NEW!!!

Make an observation about the areas of the squares and the types of triangle.