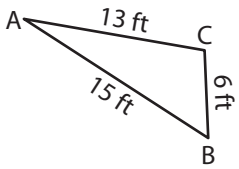
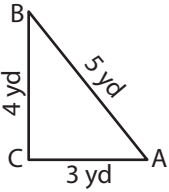
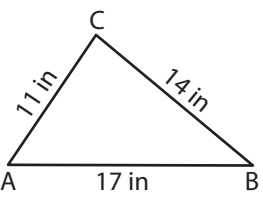


Name : _____

Triangles

A) Fill in the table.

Triangle	a^2	b^2	$a^2 + b^2$	c^2	$a^2 + b^2 _ c^2$ ($<$, $>$, $=$)	Acute/ Obtuse/ Right Triangle
						
						
						

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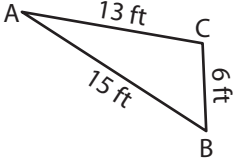
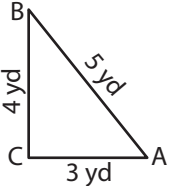
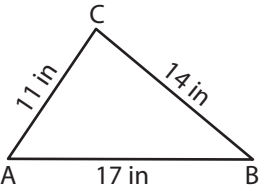
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B) Fill in the table.

Sides of the Triangle	a^2	b^2	$a^2 + b^2$	c^2	$a^2 + b^2 _ c^2$ ($<$, $>$, $=$)	Acute/ Obtuse/ Right Triangle
$a = 10 \text{ yd} ; b = 24 \text{ yd} ; c = 26 \text{ yd}$						
$a = 16 \text{ in} ; b = 12 \text{ in} ; c = 19 \text{ in}$						
$a = 18 \text{ ft} ; b = 7 \text{ ft} ; c = 20 \text{ ft}$						
$a = 6 \text{ yd} ; b = 8 \text{ yd} ; c = 9 \text{ yd}$						

Triangles

A) Fill in the table.

Triangle	a^2	b^2	$a^2 + b^2$	c^2	$a^2 + b^2 _ c^2$ ($<$, $>$, $=$)	Acute/ Obtuse/ Right Triangle
	36	169	205	225	<	Obtuse Triangle
					=	Right Triangle
					>	Acute Triangle

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B) Fill in the table.

Sides of the Triangle	a^2	b^2	$a^2 + b^2$	c^2	$a^2 + b^2 _ c^2$ ($<$, $>$, $=$)	Acute/ Obtuse/ Right Triangle
$a = 10 \text{ yd}$; $b = 24 \text{ yd}$; $c = 26 \text{ yd}$					=	Right Triangle
$a = 16 \text{ in}$; $b = 12 \text{ in}$; $c = 19 \text{ in}$	256	144	400	361	>	Acute Triangle
$a = 18 \text{ ft}$; $b = 7 \text{ ft}$; $c = 20 \text{ ft}$	324	49	373	400	<	Obtuse Triangle
$a = 6 \text{ yd}$; $b = 8 \text{ yd}$; $c = 9 \text{ yd}$	36	64	100	81	>	Acute Triangle