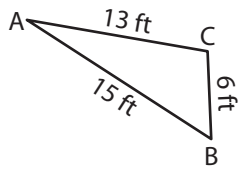
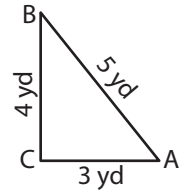
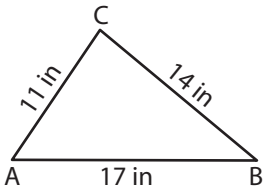
Name : _____

Triangles

Sheet 2

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
						
						
						

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 yd ; b = 24 yd ; c = 26 yd						
a = 16 in ; b = 12 in ; c = 19 in						
a = 18 ft ; b = 7 ft ; c = 20 ft						
a = 6 yd ; b = 8 yd ; c = 9 yd						

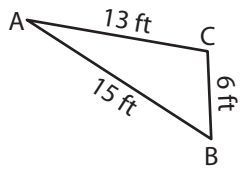
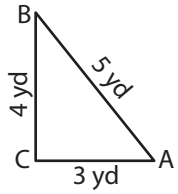
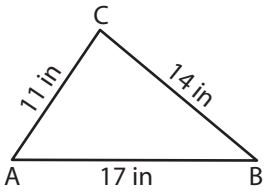
Name : _____

Answer key

Triangles

Sheet 2

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

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 yd ; b = 24 yd ; c = 26 yd					=	Right Triangle
a = 16 in ; b = 12 in ; c = 19 in	256	144	400	361	>	Acute Triangle
a = 18 ft ; b = 7 ft ; c = 20 ft	324	49	373	400	<	Obtuse Triangle
a = 6 yd ; b = 8 yd ; c = 9 yd	36	64	100	81	>	Acute Triangle