

Pythagorean Triples	Rubric	
	Points	Section points
1. Looks for patterns in the lengths of sides and relationships. Makes statements based on evidence such as: a is always odd. c is always one more than b.	1  2 x 1	3
2. Looks for new values. Decides that the next two values of a are 11 and 13.	2 x 2	4
3. Searches for patterns. Makes generalizations such as: When $a = n$ , $b = \frac{1}{2}(n^2 - 1)$ , $c = \frac{1}{2}(n^2 + 1)$ Makes generalizations such as: The perimeter is $n^2 + n$ The area is $\frac{1}{4}n(n^2 - 1)$	1  1  1	3
<b>Total Points</b>		<b>10</b>



