Triangular Frameworks	Rubric	
	Points	Section points
1. Finds examples that match the given general statement, May draw diagrams. For example, when c = 7, b = 6, a = 5. Searches for patterns and makes statements such as: When c = 7 there are **six** possibilities.	1 2	3
2. Considers different values of c. Shows that as c increases the number of triangles increases. Makes generalizations based on evidence. The smallest value of c is 4	1 1 1 1	4
3. Searches for patterns. Uses algebra Notes that when n is even/odd the number of possible triangles is $\frac{(c-2)^2}{4}$ or $\frac{(c-1)(c-3)}{4}$.	1 2 x 1	3
Total Points		**10**