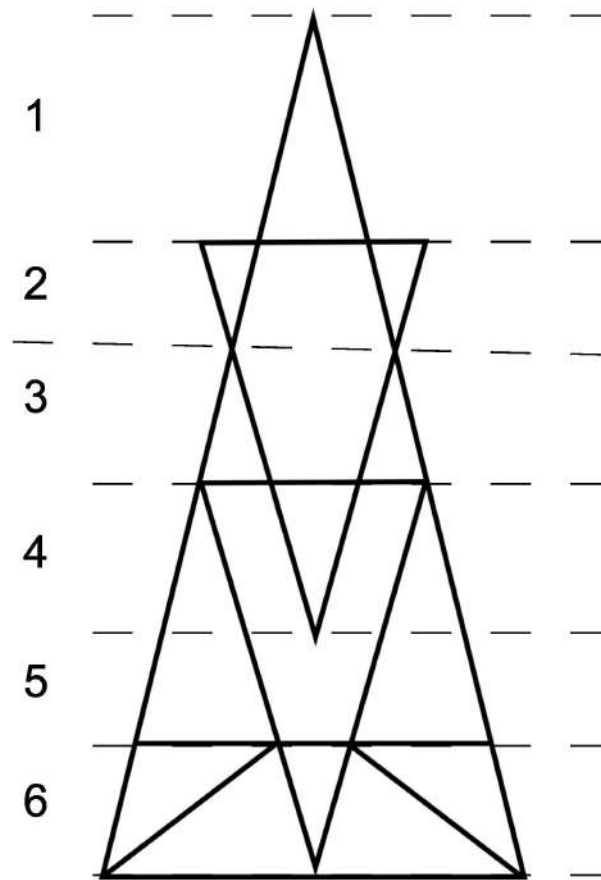


How Many Triangles?

How many triangles are in the drawing below?



There are 22
triangles.

Divide the diagram into six	1-level triangles	11
levels. Count the number of	2-level triangles	2
triangles that occupy one	3-level triangles	7
level, then the number of	4-level triangles	0
triangles that occupy two	5-level triangles	1
levels. Continue this pattern	6-level triangles	1
until you reach six levels.		<hr/>
		22