How Many Triangles?
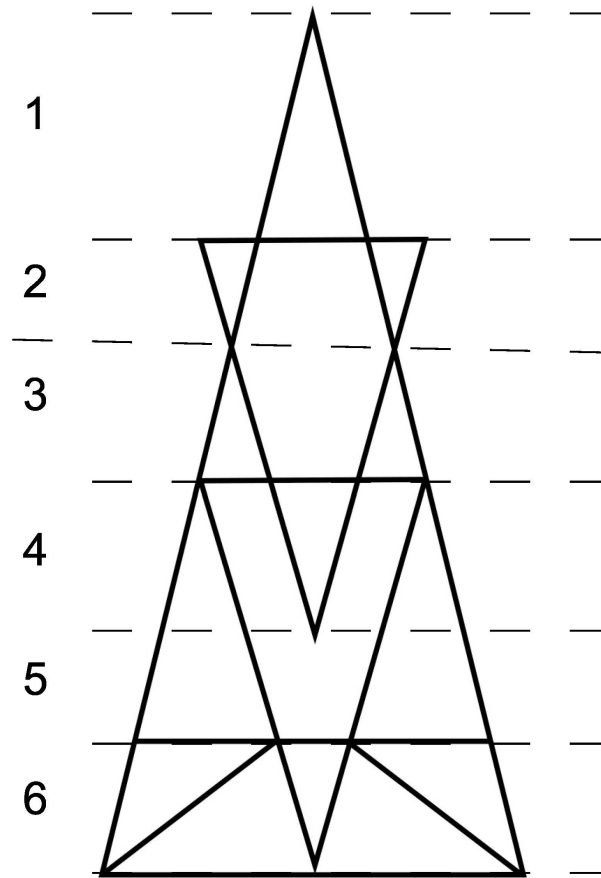
How many triangles are in the drawing below?

There are __22__
triangles.

Divide the diagram into six levels. Count the number of triangles that occupy one level, then the number of triangles that occupy two levels. Continue this pattern until you reach six levels.

1-level triangles	11
2-level triangles	2
3-level triangles	7
4-level triangles	0
5-level triangles	1
6-level triangles	1
	22

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