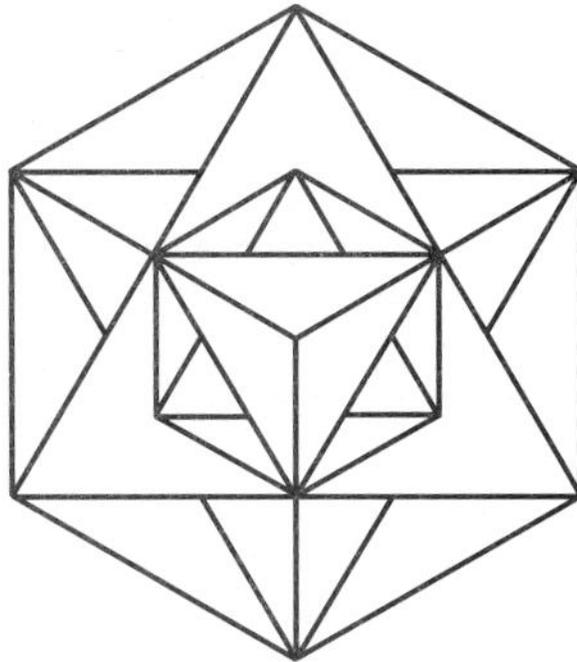# Snowflake

by Mike Selinker and Thomas Snyder
in *GAMES* Magazine July 2009

How many triangles are in the snowflake below?

Answer to Snowflake Puzzle

There are 56 triangles total in the Snowflake design.

There are 5 in the big equilateral triangle split into smaller equilateral triangles.

There are 3 inside the central small equilateral triangle using the center vertex.

There are 18 (3 * 6) with the extra hexagonal sides around the small equilateral triangle.

There are 30 (3 * 10) with the extra hexagonal sides around the large equilateral triangle.