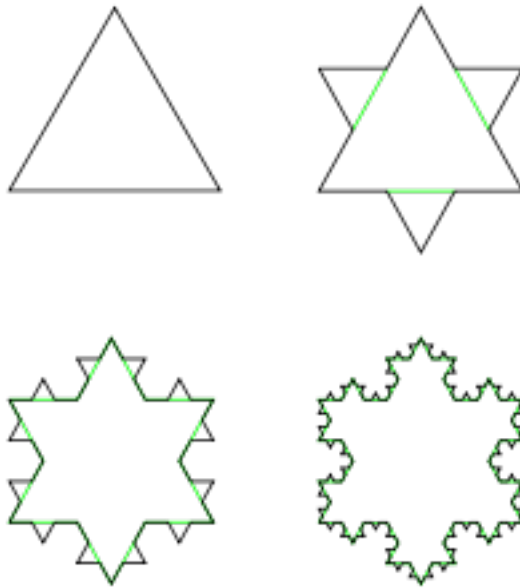


**Exploration: The Koch Snowflake**

The Koch Snowflake is one of my favorite fractals. Let's explore it! First off, the Koch Snowflake is a triangle that is replicated on



Scary looking, don't you think? But it is still awesome.

This fractal has some neat properties:

*Since there are 4 self similar objects and it has a scaling factor of 3, It lies in the 1.26 dimension  $[\log(4)/\log(3)]$*

*One of the first fractals ever!!!*

*The Koch Curve is derived from this image, it is the curve at any point of the snowflake.*

This fractal reminds me that it is the start to Christmas Season 2009. Maybe I'll put this on my Christmas Card.