

Fractal Drawing

by John

The fractal drawing that I created was a triangle, divided into five segments by four lines. In each of the segments (that was not already a triangle) I drew a triangle in it; if it was a triangle, I drew four more line segments, resulting in five separate sections again. The pattern repeated until I could not draw any more. However, the fractal could continue on and on. The reason is that it has a set pattern, and set patterns are able to continue to go on and on, but there could be a limit at how small you are able to make the triangles and the line segments that need to be drawn, but that is logical. It is similar to some of the fractals that we have drawn in that it follows a set pattern involving shapes. I would have liked for all the line segments to be evenly spaced, but that did not happen. (No ruler could be found, so the side of a TV Guide had to suffice as a straight edge - a bad one at that.) If I were to redraw this fractal that would be something I would factor in while I am drawing the new fractal. It uses math simply by having to draw the same drawing over and over but on a smaller scale.