Counting Sierpinski

Problem

Determine how many total triangles there are in the figure below.

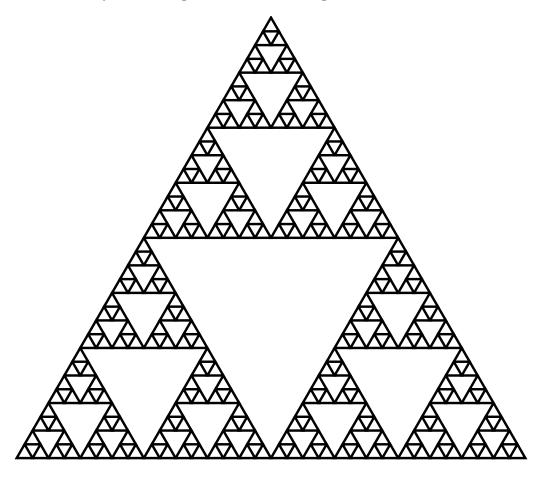


Figure 1: Counting Sierpinski