

# Counting Triangles

## Problem

Determine how many total triangles there are in the figure below. Then determine how many there would be if the figure had  $n$  rows instead of six.

Render PDF requires pylatex installation.

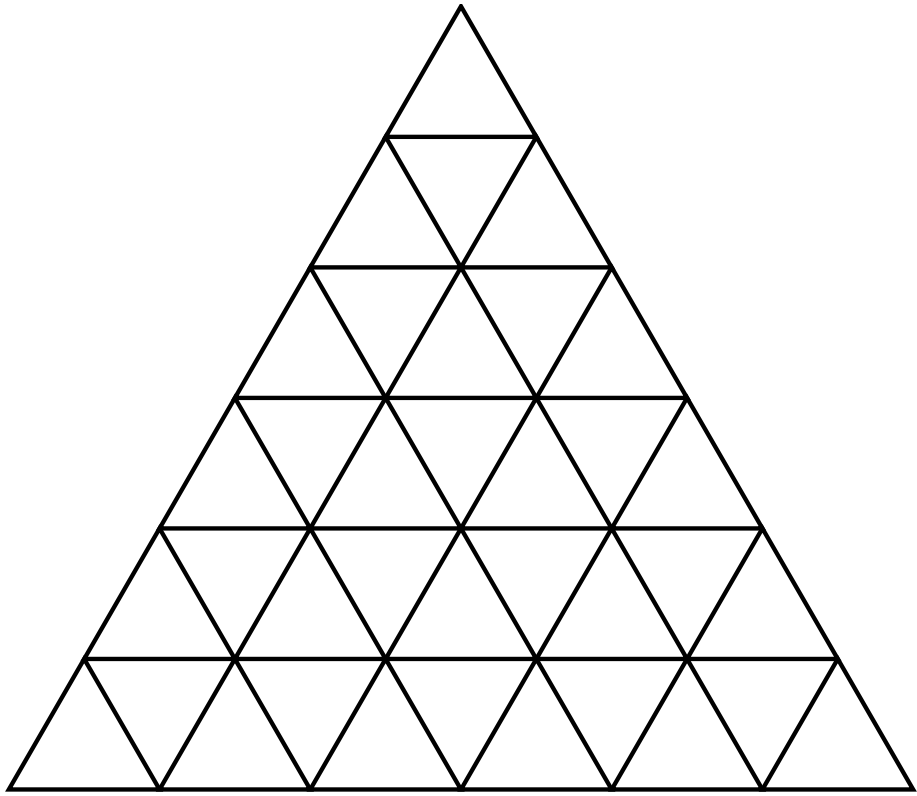


Figure 1: Counting Triangles