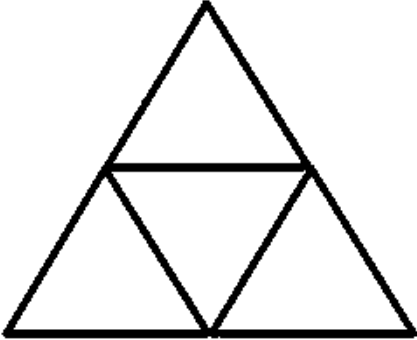
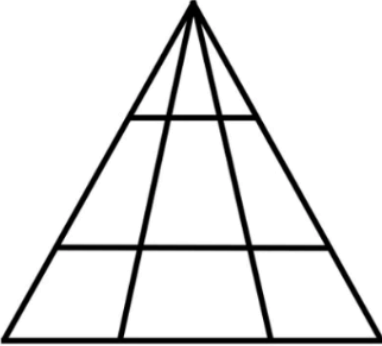
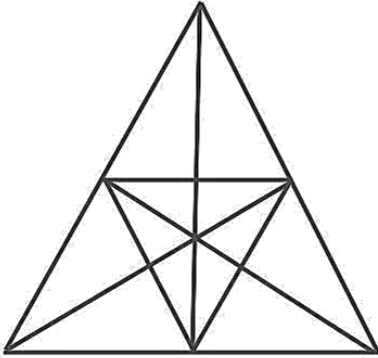


ANSWERS



Maths Focus: Finding all possibilities, recording systematically, properties of shape and names of different triangles

Helpful Hints: Record your workings in a logical, systematic way rather than a random approach

Level 1	Level 2	Level 3
 <p>Amy counts all the triangles in the image above.</p> <ol style="list-style-type: none">1. What are the properties of a triangle? 3 sides2. How many triangles does she count in total? 43. What's the same and what's different about each triangle she finds? They all have the same angles/ equilateral but different sizes and orientation	 <p>Amy counts all the triangles in the image above.</p> <ol style="list-style-type: none">1. How many triangles does she count in total? 182. What's the same and what's different about each triangle she finds? They all have 3 sides but are different sizes and not all have a line of symmetry3. Which triangles have a line of symmetry? Any of the isosceles triangles found – 6/18 have symmetry	 <p>Amy counts all the triangles in the image above.</p> <ol style="list-style-type: none">1. How many triangles does she count in total? 47!2. How many isosceles triangles does she find? 123. How many scalene triangles does she find? 304. How many equilateral triangles does she find? 55. How many right-angled triangles does she find? 24 as some of the scalene triangles are also right-angled