

Watch the video below and fill in the blanks based on your understanding.

Triangles are polygons.

Triangles are special polygons that have ___ sides and ___ angles.

Triangle classification.

There are ___ different ways to classify triangles.

Triangles can be classified based on their _____ and their _____.

Classifying triangles based on the length of their angles.

A triangle that has one right angle is called _____ triangle

A triangle that has one obtuse angle is called _____ triangle.

All triangles have at least ___ acute angles.

A triangle that has all its angles acute angles is called _____ triangle.

To determine the type of triangle based on angles, we must have a look at ___ angles of the triangle.

Classifying triangles based on the length of their sides.

An equilateral triangle has all sides equal, so it has ___ equal sides.

An isosceles triangle has only ___ sides equal.

A scalene triangle has the length of all its sides _____.