

Geometry Recap

The angles in a triangle add up to 180 degrees.

You can classify triangles according to their sides: a triangle with three equal sides is called an equilateral, a triangle with two equal sides is called an isosceles, and a triangle with all different sides is called a scalene triangle.

Also, equilateral triangles have three equal angles, meaning they are all 60° degrees. Isosceles triangles have two equal angles, and they are opposite the equal \angle .

A polygon is a 2D, closed shape, made from sides. Triangles are polygons but circles are not. A four-sided polygon is called a quadrilateral and there are six special ones!

The square has four equal sides and four

right . The also has four right angles, but has two pairs of equal, parallel sides which are one another. Parallelograms have opposite sides parallel and opposite sides equal and so it could be said that a rectangle is a special type of

Rhombuses are also a special type of parallelogram, but their extra property is that they have four sides.

Kites are quadrilaterals with two pairs of equal sides. Trapeziums are quadrilaterals with one pair of opposite, sides.

A five-sided polygon is called a .

A six-sided polygon is called a .

A seven-sided can be either a heptagon or a septagon and an eight-sided polygon is called an

