Triangles & Quadrilaterals

Triangles (3-sided shapes):


Equilateral   Right-Angled   Isosceles   Scalene
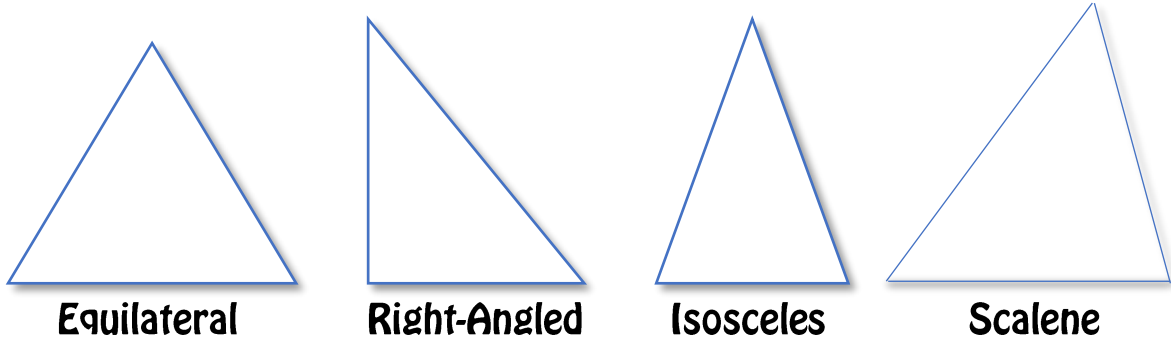
Equilateral: All the sides are the same length & all the angles are 60˚

Right-Angled: One of the angles is a right angle (90˚)

Isosceles: 2 of the sides are the same & 2 of the angles are the same

Scalene: All the sides are different lengths & all the angles are different

Quadrilaterals (4-sided shapes):

Square   Rectangle   Parallelogram

Rhombus   Trapezium
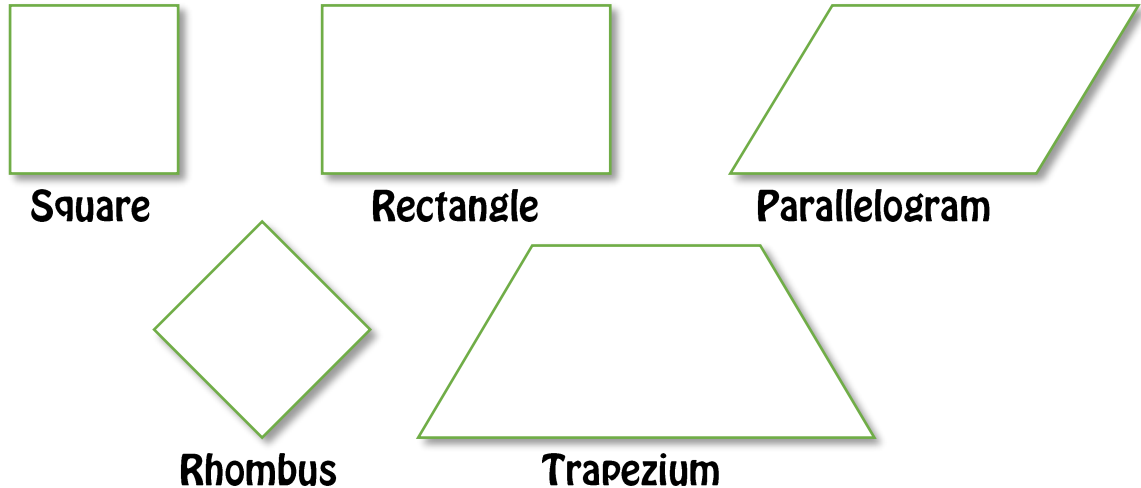
Square: All sides are the same length and all the angles are 90˚

Rectangle: All angles are 90˚. There are two longer sides and two shorter sides, so it looks like a long square!

Parallelogram: A leaning rectangle! None of the angles are right angles, but it has two sets of parallel sides

Rhombus: This is a parallelogram because it has two sets of parallel sides, but all the sides are the same length, so it is a leaning square! A diamond is a rhombus

Trapezium: Only has 1 pair of parallel sides, usually with one longer than the other