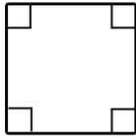# Quadrilaterals

A quadrilateral is a four-sided polygon with four angles. Some quadrilaterals have special names because of their sides. Some have special names because of their angles.

Some types are also included in the definition of other types! For example a square, rhombus and rectangle are also parallelograms.

examples:

SQUARE
4 right angles and 4 equal sides
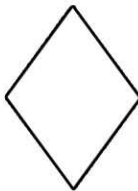It is also a rectangle and a parallelogram.

RECTANGLE
4 right angles and opposite sides equal
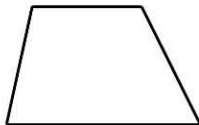It is also a parallelogram.

PARALLELOGRAM
2 pairs of parallel sides and opposite sides equal

RHOMBUS
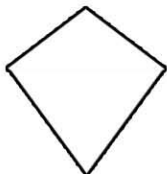2 pairs of parallel sides, all sides equal
It is also a parallelogram

TRAPEZOID
only 2 sides are parallel
It's a type of quadrilateral that is not a parallelogram.

KITE
2 pairs of adjacent sides are equal