

Quadrilaterals

3rd Grade

Six four-sided shapes, and why a square is also a rectangle.

A quadrilateral is any closed shape with four straight sides. These are the named ones.

Shape	Sides	Angles
Square	4 equal, 2 parallel pairs	4 right angles
Rectangle	opposite sides equal	4 right angles
Rhombus	4 equal sides	opposite angles equal
Parallelogram	2 parallel pairs	opposite angles equal
Trapezium	exactly 1 parallel pair	no rule
Kite	2 pairs of equal neighbours	1 pair of equal angles

Every square is a rectangle and a rhombus. Not every rectangle is a square.