

trapezium	trapezium
rhombus	rhombus
quadrilateral	quadrilateral
kite	kite

rectangle	rectangle
parallelogram	parallelogram
square	square
3 angles are 90°	all angles equal
all sides equal	has rotational symmetry

2 pairs of parallel sides	all angles 90°
diagonals cut at right angles	2 pairs of adjacent sides equal
has no rotational symmetry	diagonals unequal in length
has rotational symmetry of order 2	1 pair of opposite angles equal
diagonals equal in length	diagonals bisect angles at the vertices

4 angles	has line symmetry of order 2
1 pair of parallel sides	has rotational symmetry of order 4
diagonals bisect each other	4 sides
has line symmetry of order 4	2 pairs of opposite angles equal
2 angles are 90°	diagonals unequal in length





