

Parallelogram

A quadrilateral whose opposite sides are parallel.

Parallelogram
(consecutive angles)

The consecutive angles of a parallelogram are supplementary (same side interior/consecutive interior).

Parallelogram
(diagonals)

The diagonals of a parallelogram bisect each other.

Parallelogram
(opposite angles)

The opposite angles of a parallelogram are congruent.

Parallelogram
(opposite sides)

The opposite sides
of a parallelogram
are congruent.

Rectangle

A rectangle is a
parallelogram with
four 90 degree
angles.

Rectangle
(diagonals)

In a rectangle,
diagonals are
congruent.

Rectangle (lines of
symmetry)

In a rectangle,
there are exactly
two lines of
symmetry.

Rhombus

A rhombus is a parallelogram with all congruent sides.

Rhombus
(diagonals)

In a rhombus, diagonals are perpendicular.

Rhombus (lines of symmetry)

In a rhombus, there are exactly two lines of symmetry.

Square

A square is a parallelogram with four 90 degree angles and four congruent sides. (A square is a rectangle and a rhombus.)

Square (diagonals)

In a square, the diagonals are perpendicular and congruent.
