

Quadrilaterals

You can classify quadrilaterals by their angles and sides.

Types of Quadrilaterals	parallelogram	opposite sides are parallel and opposite sides are congruent.
	rectangle	parallelogram with 4 right angles.
	rhombus	parallelogram with 4 congruent sides.
	square	parallelogram with 4 right angles and 4 congruent sides.
	trapezoid	exactly one pair of parallel sides.

Examples

Classify each quadrilateral by its angles and by its sides.

A.



This is a parallelogram with 4 right angles, so it is a rectangle.

B.



This is a quadrilateral with exactly one pair of parallel sides, so it is a trapezoid.

Practice – Classify each quadrilateral by its angles and by its sides.

