

Quadrilaterals

You can classify quadrilaterals by their angles and sides.

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|--------------------------------|----------------------|---|
| 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.

