

Classify Quadrilaterals

A quadrilateral has four sides and four angles.

Quadrilaterals are grouped by their angles, by the length of their sides, and by any parallel sides. The table will help you compare different quadrilaterals.

Grouping	Side lengths	Parallel sides	Angles
General Quadrilaterals	4 different Lengths	0 pairs parallel sides	angles vary
Trapezoids	lengths can vary	1 pair parallel sides	angles vary
Parallelograms	opposite sides congruent	2 pairs parallel sides	2 acute and 2 obtuse or 4 right angles
Rectangles	opposite sides congruent	2 pairs parallel sides	4 right angles
Rhombi	4 sides Congruent	2 pairs parallel sides	2 acute and 2 obtuse or 4 right angles
Squares	4 sides Congruent	2 pairs parallel sides	4 right angles

Examples:

A- Classify the following quadrilateral:

1-



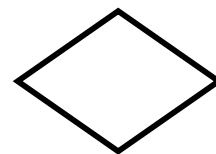
Rectangle

2-



Trapezoid

3-



Rhombus