

Understanding Quadrilaterals



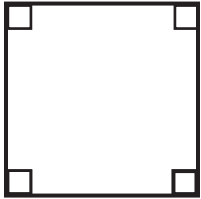
Quadrilaterals are polygons that have 4 sides.

Quadrilateral means 4 sides. Quad means 4 and lateral means side.

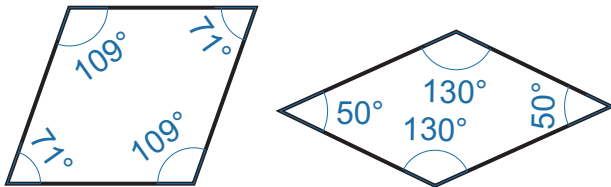
Any closed shape that has 4 sides is a quadrilateral.

Sum of all internal angles in a quadrilateral is 360° .

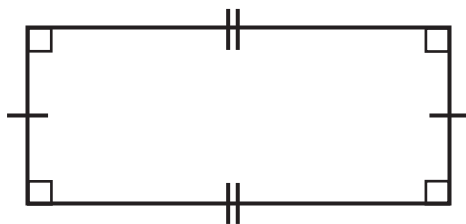
Some quadrilaterals have special names and have unique properties.



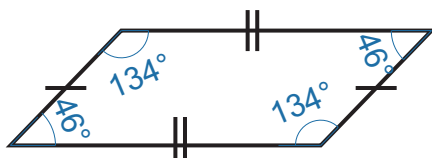
Square: A square has 4 equal sides, all 4 angles are 90° .



Rhombus: Basically a tilted square. All 4 sides are equal in length. Opposite angles are equal. Opposite sides are parallel.



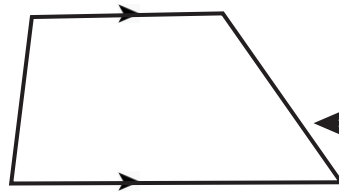
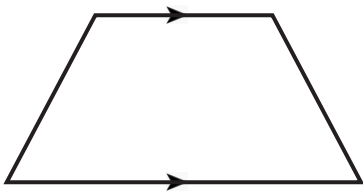
Rectangle: All angles are 90° . Opposite sides are equal in length.



Parallelogram: Basically a tilted rectangle.

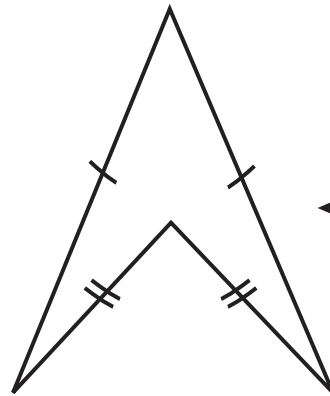
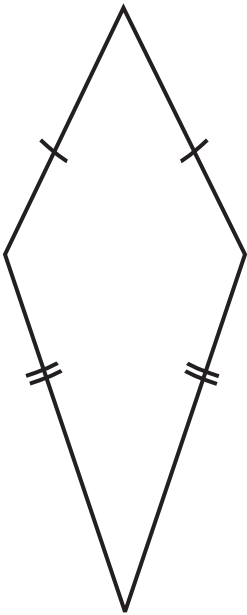
Two opposite sides are equal in length. Two opposite angles are equal.

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← Irregular Trapezium

Trapezium: A quadrilateral that has one pair of parallel sides.



← Concave Kite

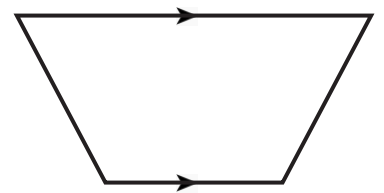
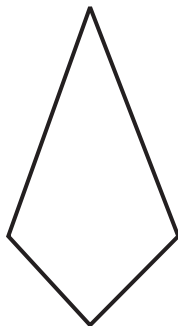
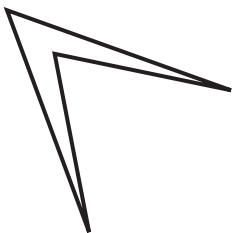
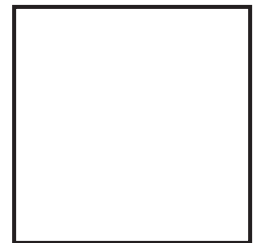
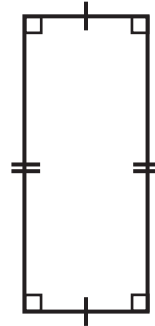
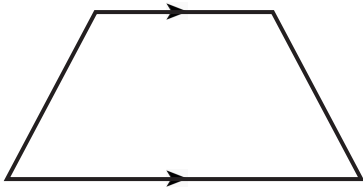
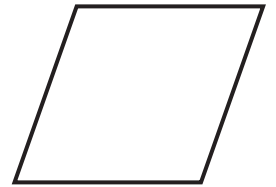
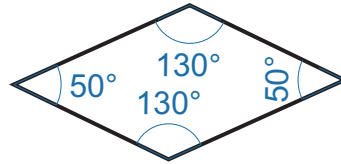
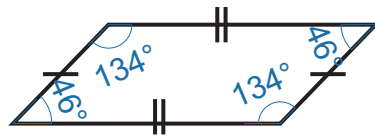
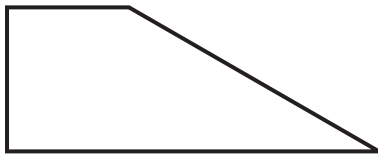
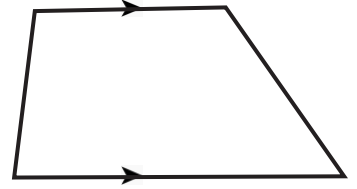
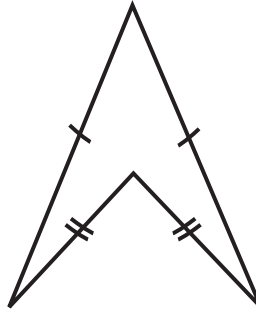
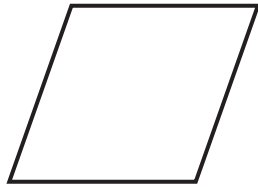
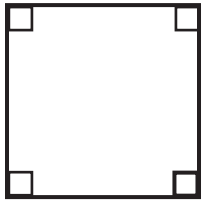
Kite: A quadrilateral that has two pairs of equal sides. The sides are not parallel.

Understanding Quadrilaterals

Quadrilaterals are polygons that have 4 sides.



Write down the names of following quadrilaterals.



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