

4-sided figures

Quadrilateral: A quadrilateral is a 4-sided figure.

- Sum of angles is 360° .

Trapezoid: A trapezoid is a quadrilateral that has exactly one pair of parallel sides.

- Inherits all properties of quadrilateral.
- Sum of angles between parallel sides is 180° .

Parallelogram: A parallelogram is a quadrilateral that has two pair of parallel sides.

- Inherits all properties of trapezoid.
- Opposite angles are equal.

Rhombus: A rhombus is a parallelogram that has 4 equal sides.

- Inherits all properties of parallelogram.

Rectangle: A rectangle is a parallelogram whose four angles are each 90° .

- Inherits all properties of parallelogram.

Square: A square is a rectangle whose four sides are equal.

- Inherits all properties of a rectangle.

3-sided figures

Triangle: A triangle is a 3-sided figure.

- Sum of angles is 180° .
- Angles opposite equal sides are equal.
- Sides opposite equal angles are equal.

Isosceles triangle: An isosceles triangle has exactly two sides equal.

- Inherits all properties of a triangle.
- Has exactly two angles equal.

Equilateral triangle: An equilateral triangle has three sides equal.

- Inherits all properties of a triangle.
- Has three angles equal.
- Each angle is 60° .

Right triangle: A right triangle has a 90° angle.