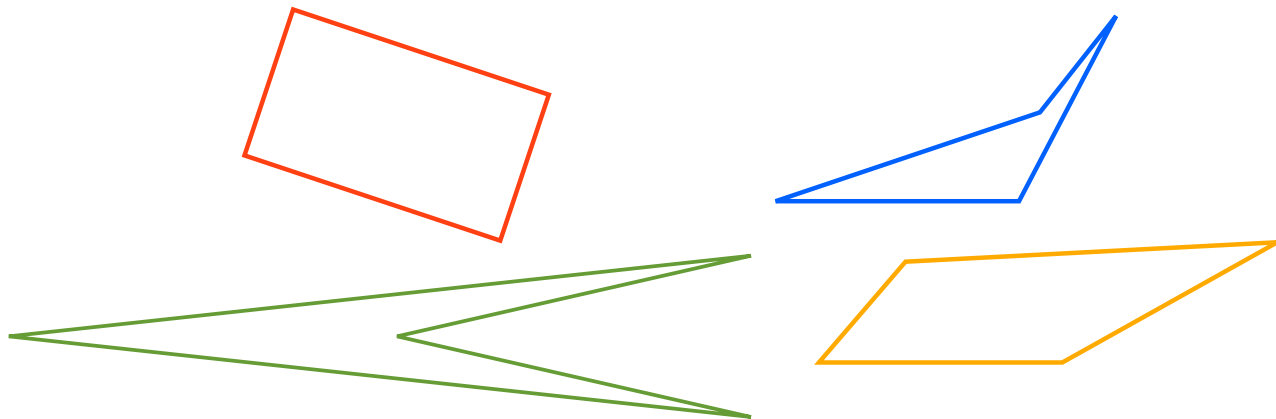
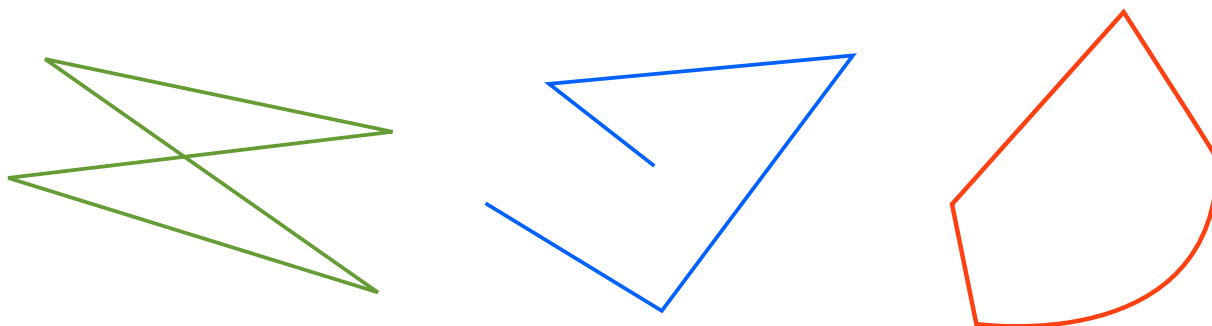


Quadrilaterals
are polygons with four sides.



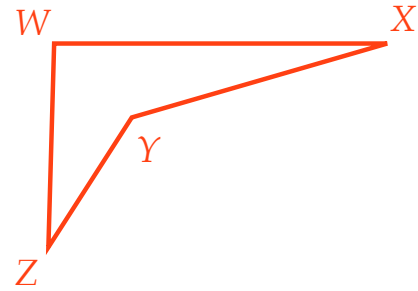
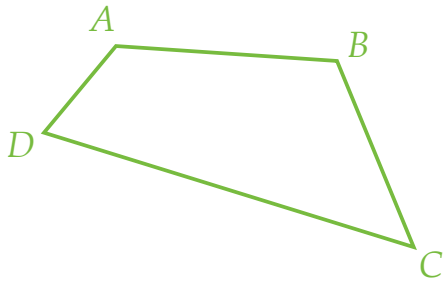
Quadrilaterals
are polygons with four sides.
non-quadrilaterals



Quadrilaterals

are polygons with four sides.

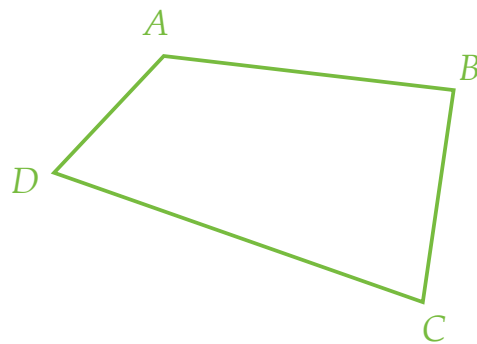
Quadrilaterals are named by listing their vertex points



Quadrilaterals

Convex Quadrilaterals

both diagonals are
inside the quadrilateral

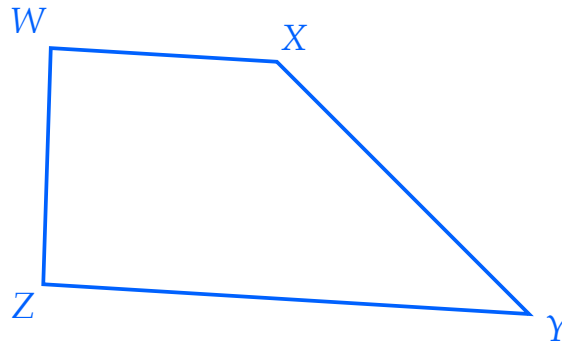


Concave Quadrilaterals

Quadrilaterals

Convex Quadrilaterals

both diagonals are
inside the quadrilateral

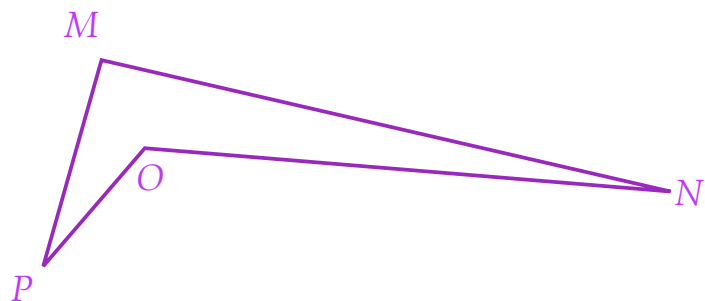


Concave Quadrilaterals

Quadrilaterals

Convex Quadrilaterals

both diagonals are
inside the quadrilateral



Concave Quadrilaterals
one diagonal is
outside the quadrilateral.

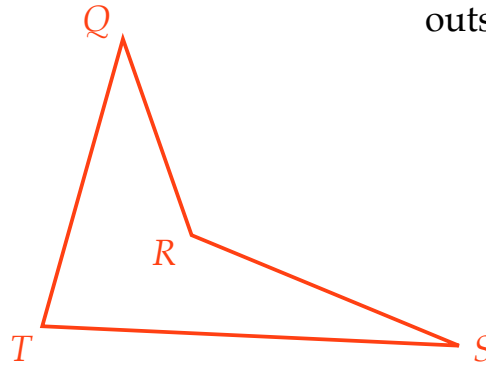
Quadrilaterals

Convex Quadrilaterals

both diagonals are
inside the quadrilateral

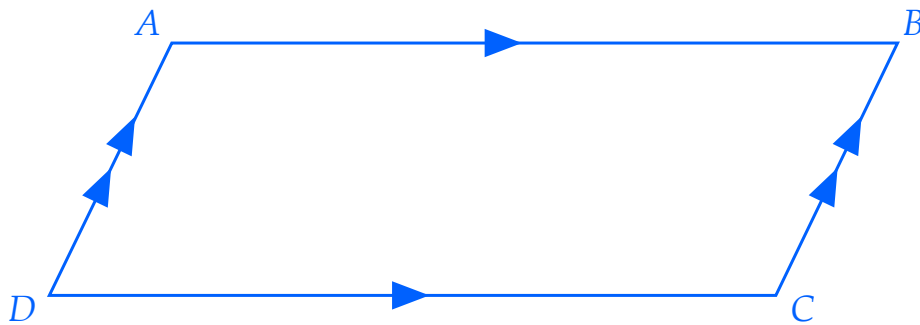
Concave Quadrilaterals

one diagonal is
outside the quadrilateral.



Special Quadrilaterals

Parallelogram - a quadrilateral with both pairs of opposite sides parallel.



ABCD is a Parallelogram

Special Quadrilaterals

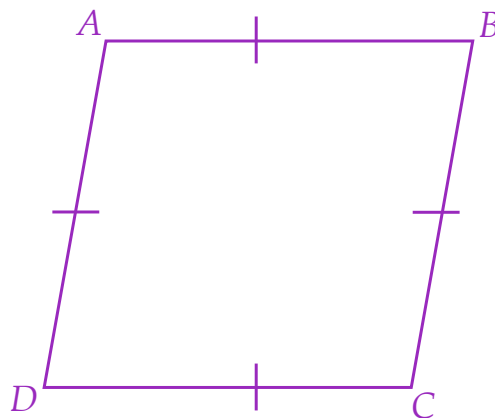
Rectangle - a parallelogram with four right angles



ABCD is a Rectangle

Special Quadrilaterals

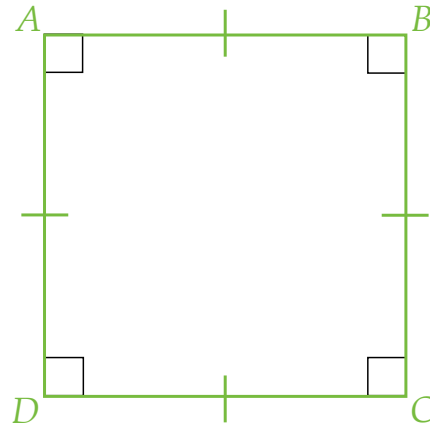
Rhombus - a parallelogram with four congruent sides



ABCD is a Rhombus

Special Quadrilaterals

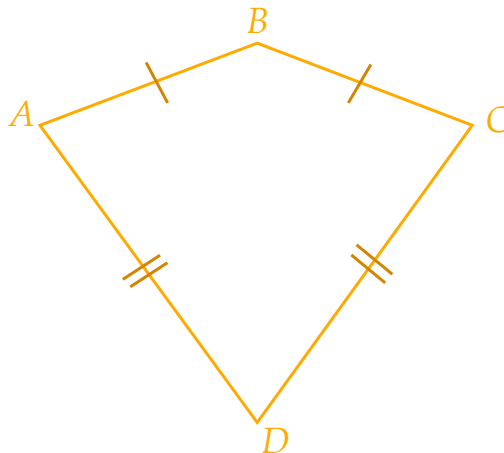
Square - a parallelogram with four right angles and four congruent sides



ABCD is a Square

Special Quadrilaterals

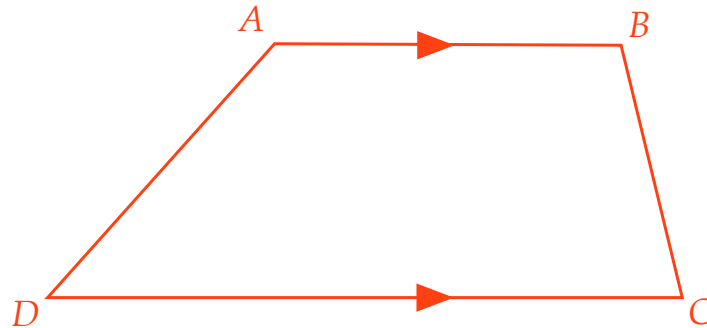
Kite - a quadrilateral with two pairs of adjacent sides congruent



ABCD is a Kite

Special Quadrilaterals

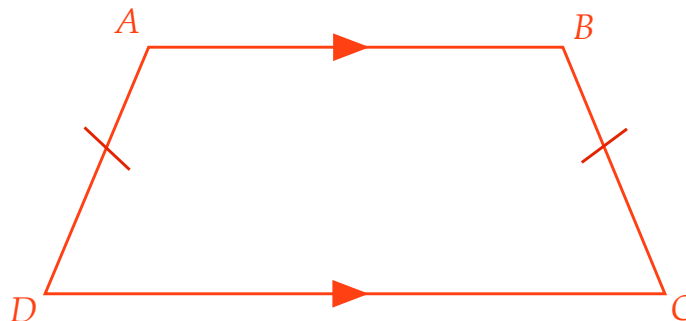
Trapezoid - a quadrilateral with exactly one pair of parallel sides



ABCD is a Trapezoid

Special Quadrilaterals

Isosceles Trapezoid - a quadrilateral with exactly one pair of parallel sides and the non-parallel sides are congruent



ABCD is an Isosceles Trapezoid

Venn Diagram of Quadrilaterals

