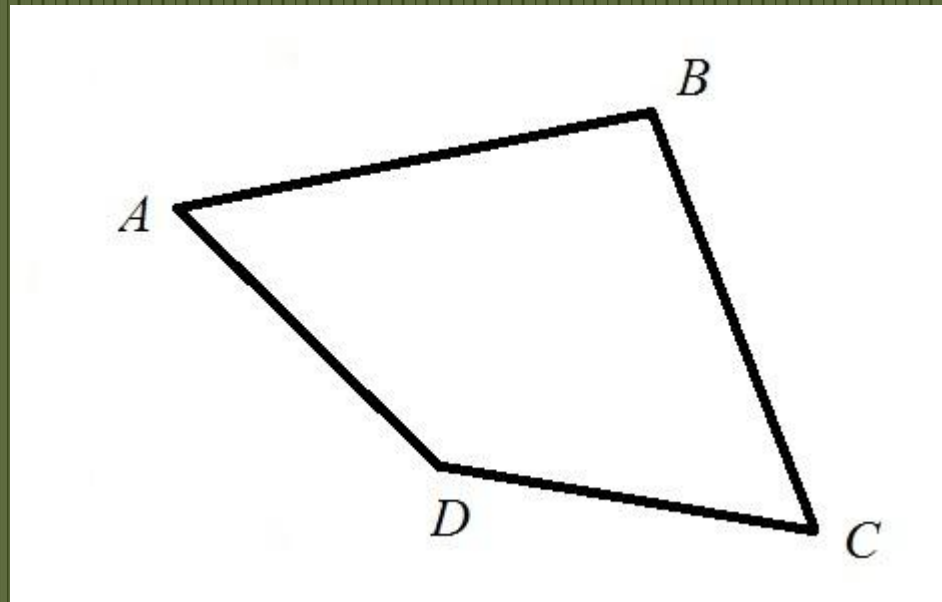


QUADRILATERALS

Mikhailichenko Yelena ,
Tsoy Svetlana

Polygon

A POLYGON
is a
many-sided
shape. Sides
and angles
are the same.
Quadrilateral
has 4 sides
and 4 angles.



Types of quadrilaterals

Parallelogram has two pairs of parallel sides. Its parallel sides are equal. Its opposite angles are equal too.

Rhombus is a parallelogram too. Its sides are all equal.

Square has all equal sides and all equal angles too.

Rectangle is a parallelogram which has all equal angles.

Trapezoid has only two parallel sides.



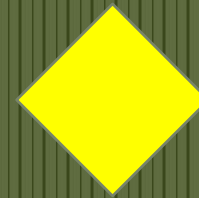
Parallelogram



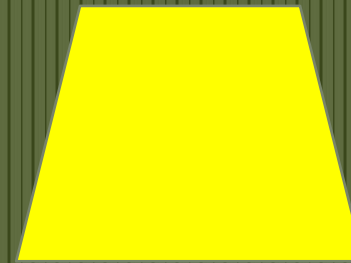
Square



Rectangle



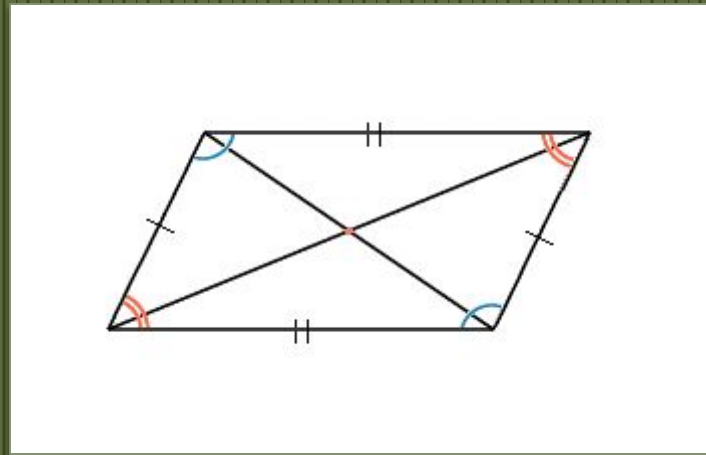
Rhombus



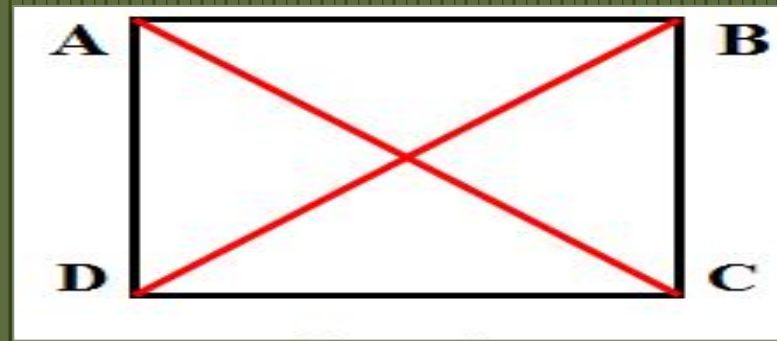
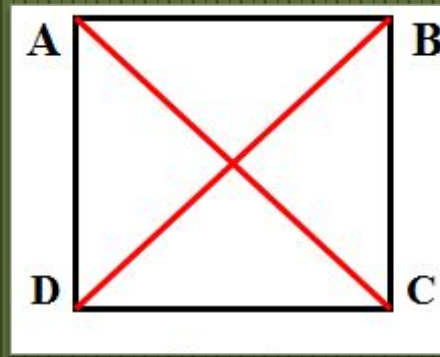
Trapezoid

You must know

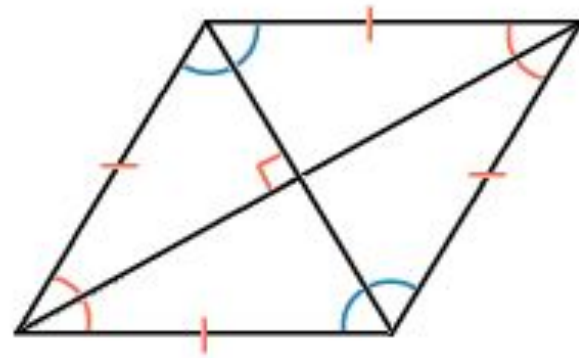
The diagonals of a parallelogram are divided in half by the point of intersection.



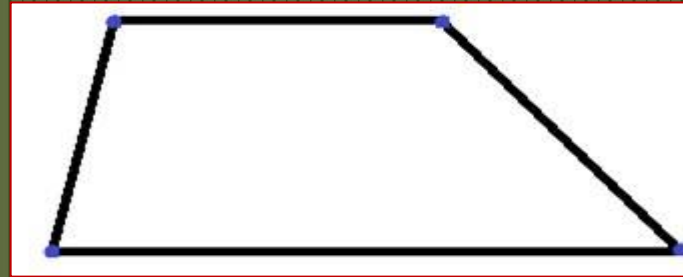
The
diagonals
of a
rectangle
and a
square
are equal



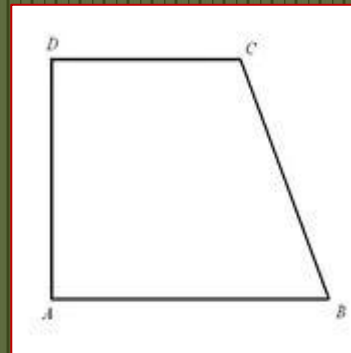
Diagonals of a rhombus are perpendicular and are the bisectors of its angles.



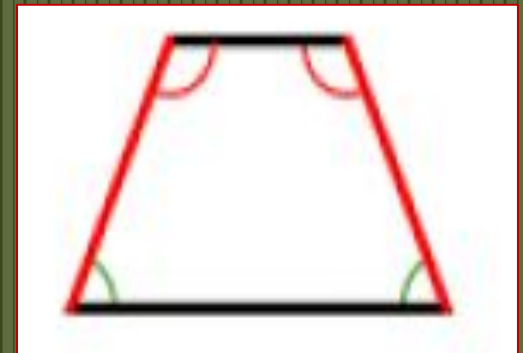
A trapezoid has only one pair of parallel sides. There are only two types of trapezoid .



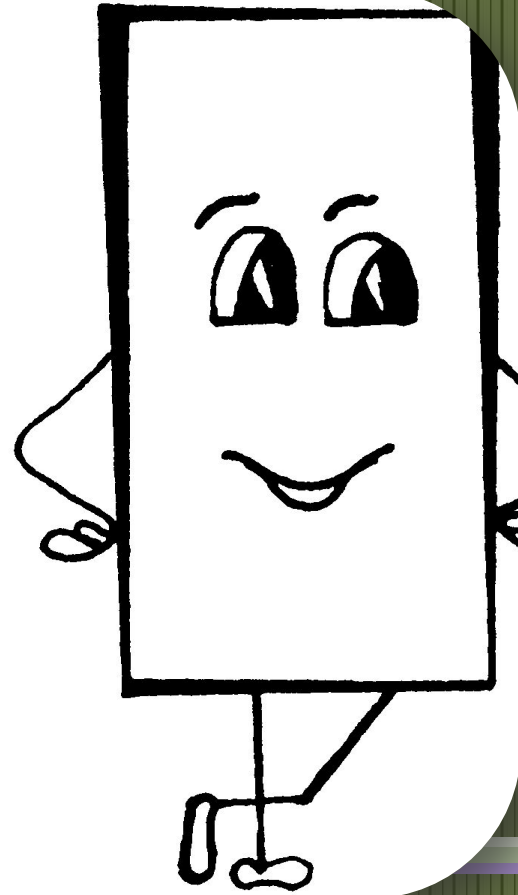
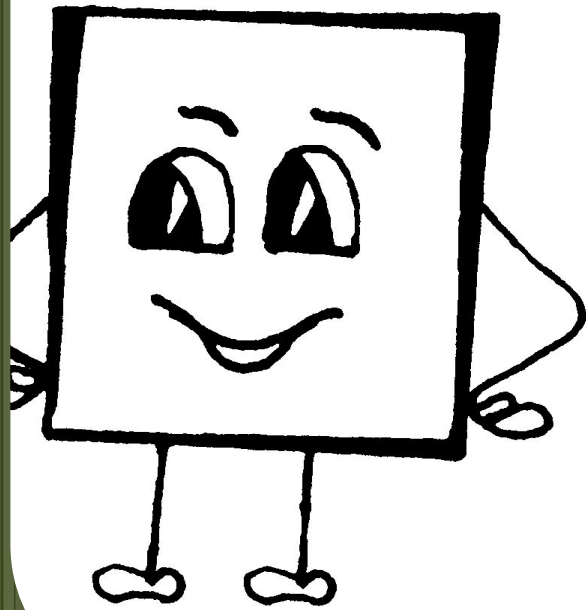
Trapezoid



Right trapezoid



Isosceles trapezoid



Thanks for your
attention!