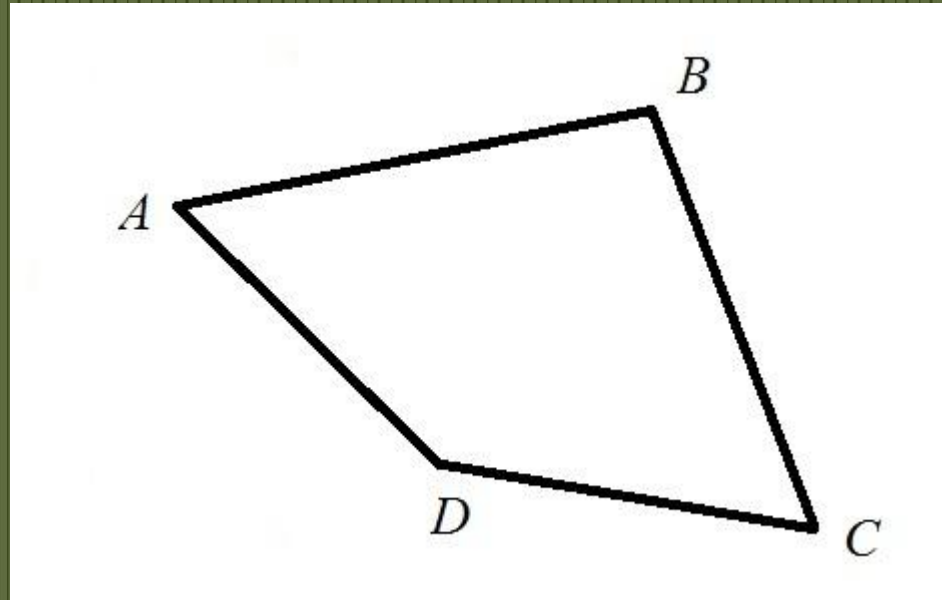


# QUADRILATERALS

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# 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.

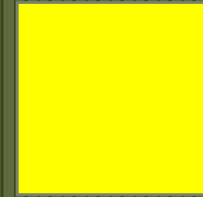
Square has all equal sides and all equal angles too.

Rectangle is a parallelogram which has all equal angles.

Trapezoid has only two parallel sides.



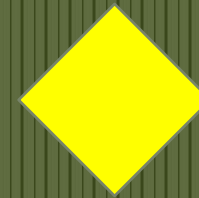
Parallelogram



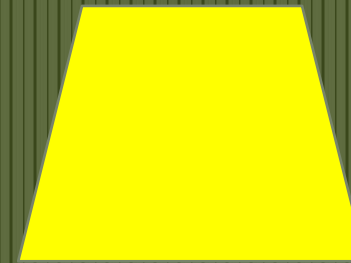
Square



Rectangle



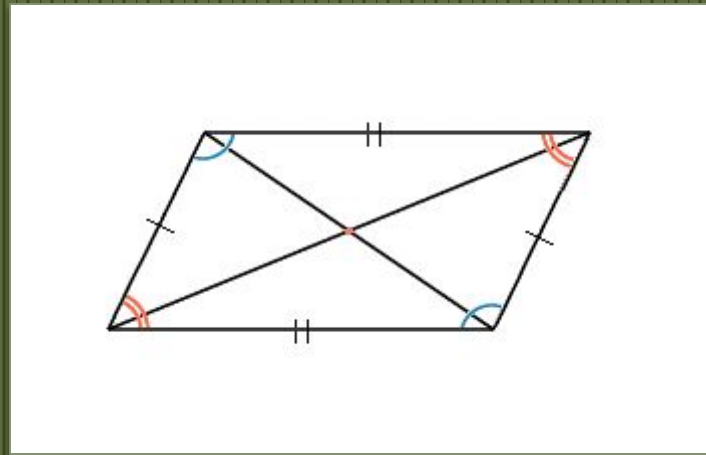
Rhombus



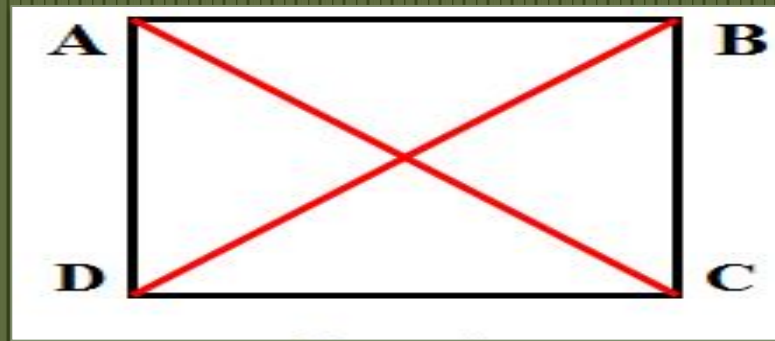
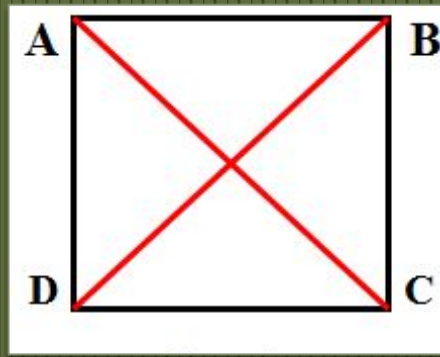
Trapezoid

# You must know

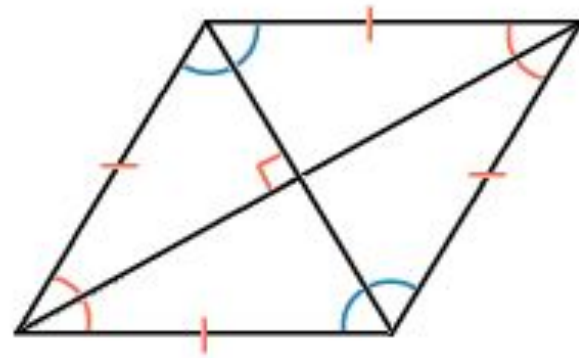
The diagonals of a parallelogram are divided in half by the point of intersection.



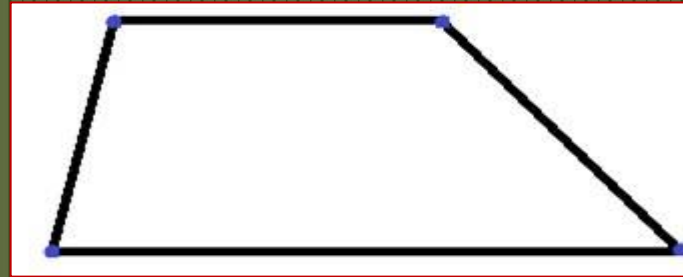
The  
diagonals  
of a  
rectangle  
and a  
square  
are equal



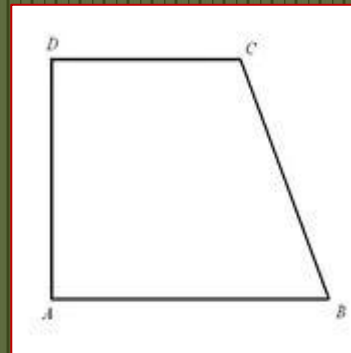
Diagonals of a rhombus are perpendicular and are the bisectors of its angles.



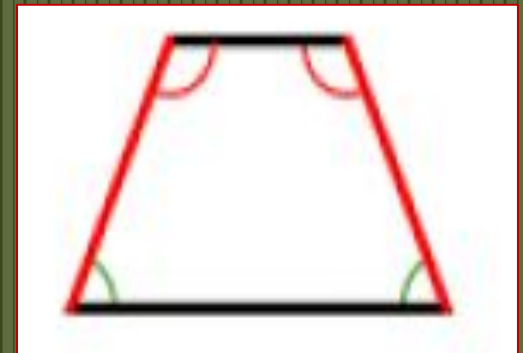
A trapezoid has only one pair of parallel sides. There are only two types of trapezoid .



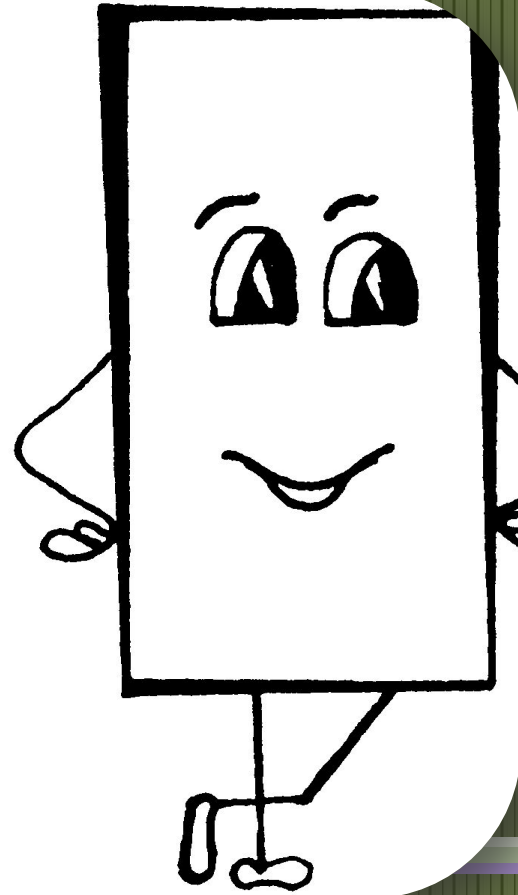
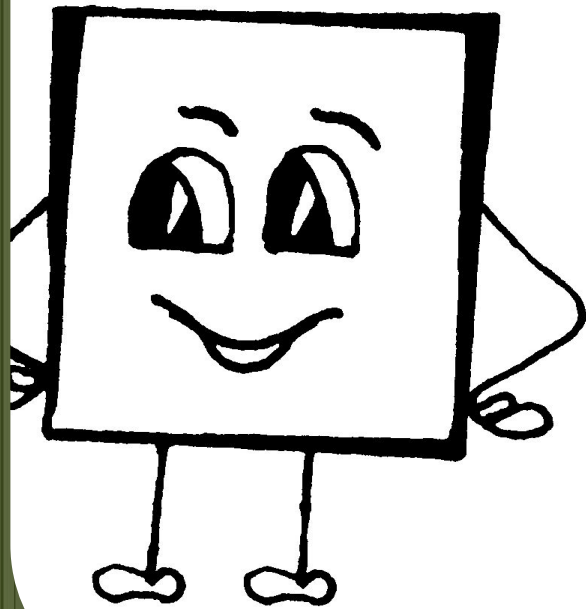
Trapezoid



Right trapezoid



Isosceles trapezoid



Thanks for your  
attention!