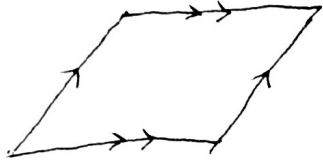


Quadrilateral Flowchart

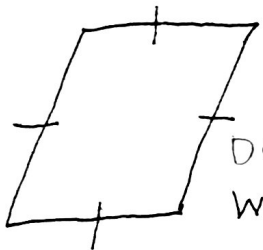
Parallelogram



Definition: quadrilateral with two pairs of parallel sides

Properties:

- opposite sides are congruent (same length)
- opposite angles are congruent (same measure)
- diagonals bisect each other



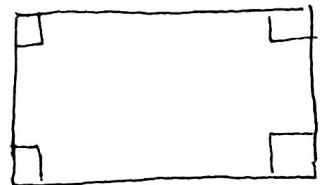
Rhombus

Definition: quadrilateral with 4 congruent sides

Properties:

- opposite sides are parallel
- opposite angles are congruent
- diagonals bisect each other
- diagonals are perpendicular
- diagonals bisect the angles

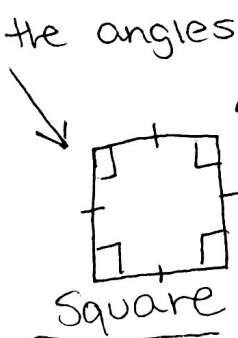
Rectangle



Definition: quadrilateral with 4 right angles

Properties:

- opposite sides are parallel
- opposite sides are congruent
- diagonals bisect each other
- diagonals are congruent



Square

Definition: quadrilateral with 4 congruent sides and 4 right angles

- Properties:
- opposite sides are parallel
 - diagonals are congruent
 - diagonals bisect each other
 - diagonals are perpendicular

- diagonals bisect the angles.

Squares are ALWAYS Rectangle & Rectangles are Sometimes Squares