

TYPES OF QUADRILATERALS

1) PARALLELOGRAMS

- a) rhombuses
- b) rectangles
- c) squares

2) TRAPEZOIDS

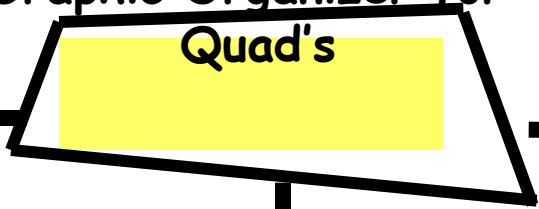
3) KITES



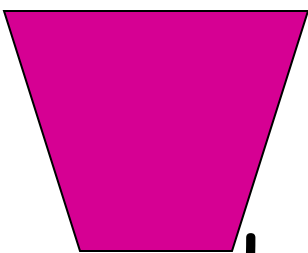
By Mrs. Pullo



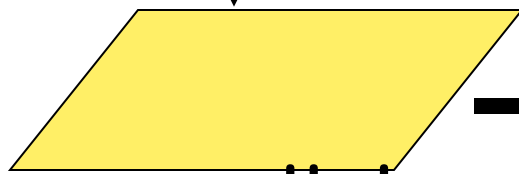
Graphic Organizer for Quad's



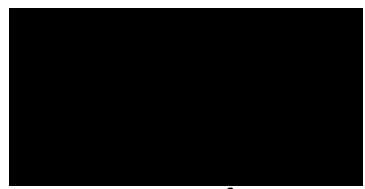
trapezoid



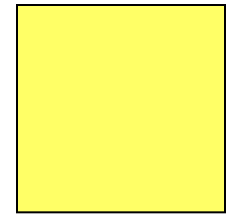
isosceles trapezoid



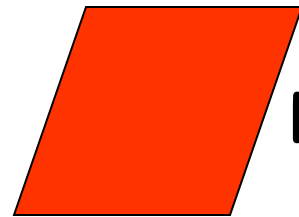
parallelogram



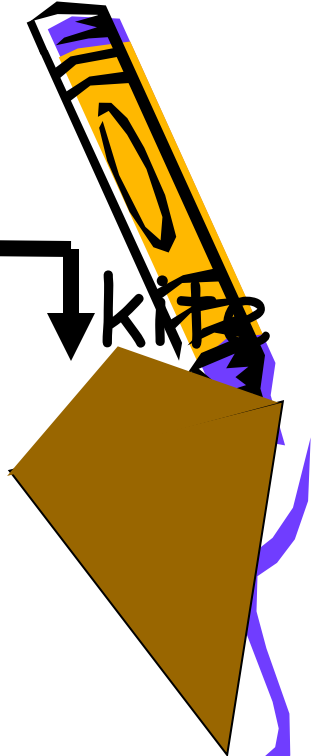
rectangle



square



rhombus





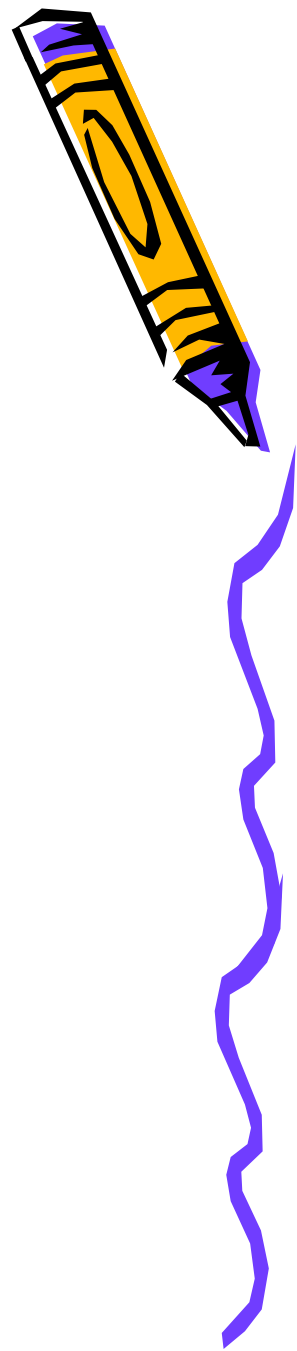
Parallelograms, Rhombuses,
Rectangles & Squares
(oh my!)

Mrs. Pullo's Graphic Organizer



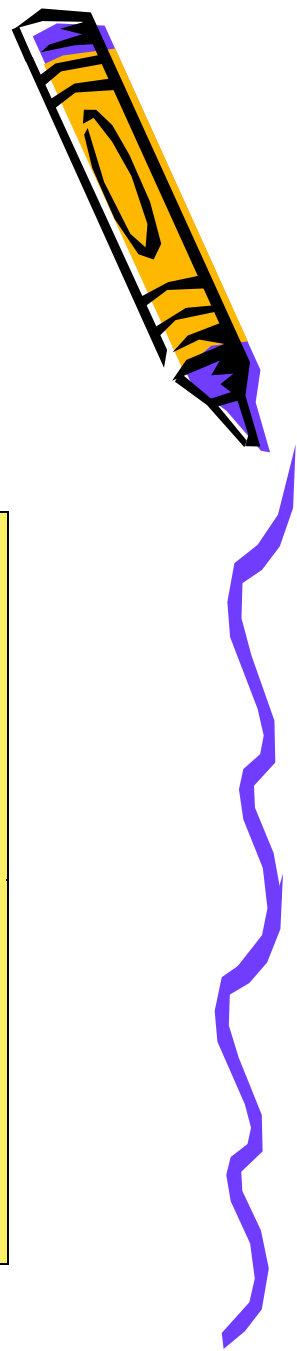
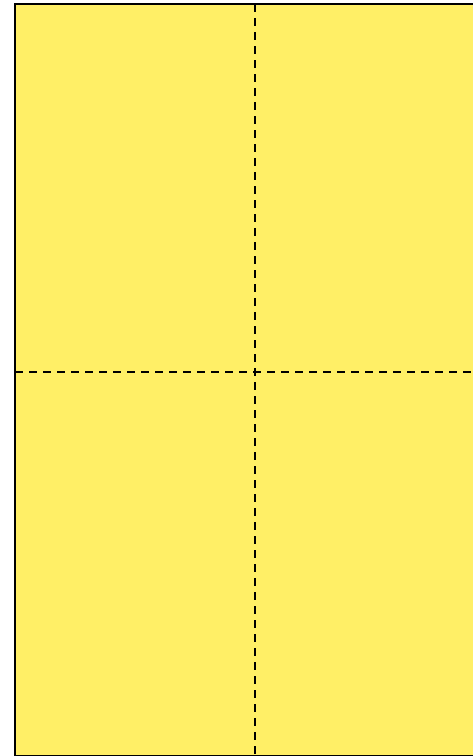
You Need:

- 1 piece of paper
- Scissors (remember your safety rules)
- Pencil
- ruler



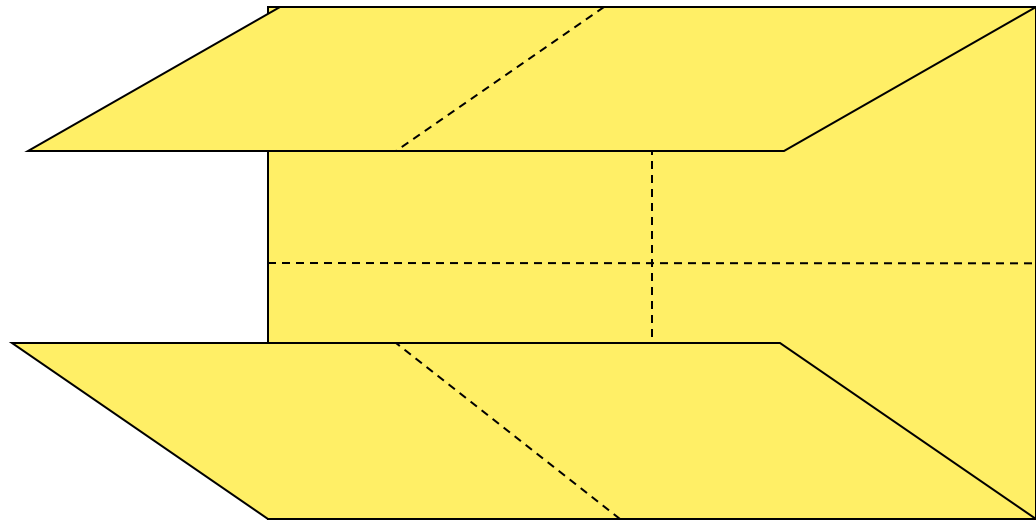
Step 1

- Fold the paper in half one way, crease it, then open it back up
- Do the same for the other direction



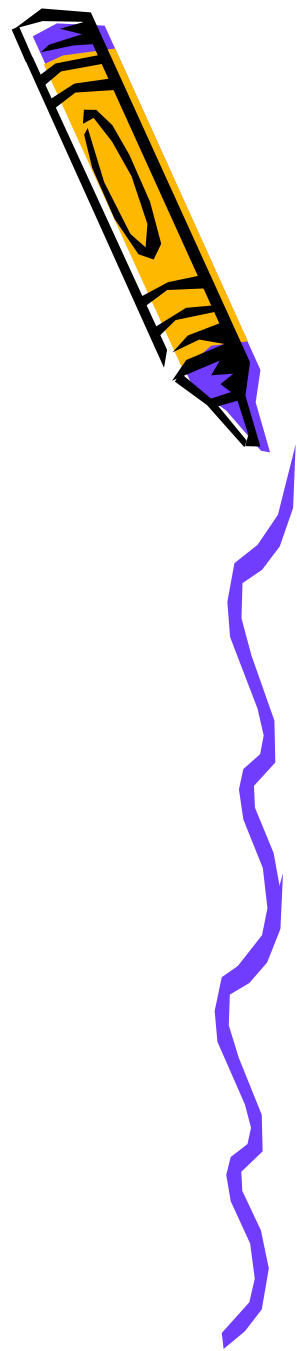
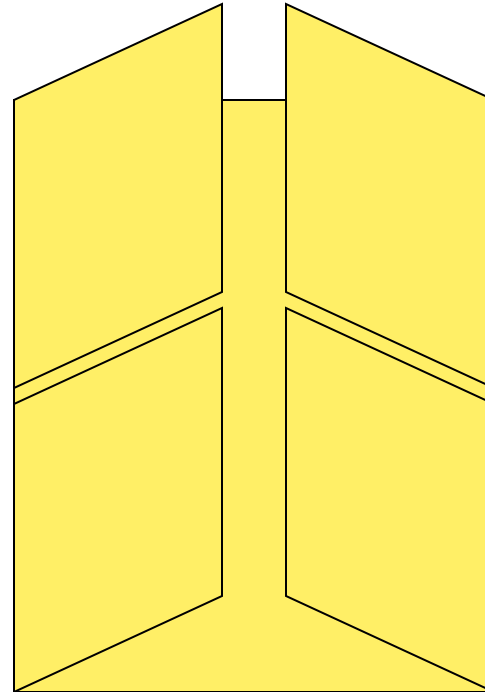
Step 2

- Fold the long ends in toward the middle and keep them folded in

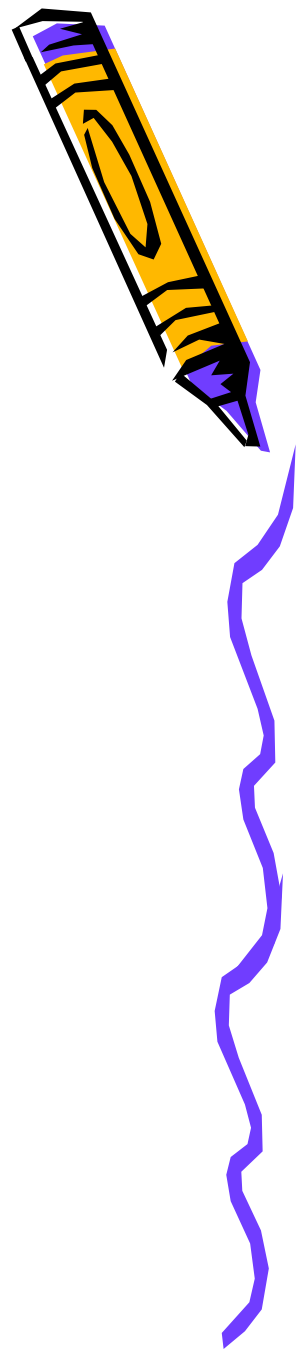


Step 3

- Cut along the crease of the flaps to create 4 "doors"



On the doors



Parallelogram: a quadrilateral with 2 pairs of parallel sides and 2 pairs of congruent sides

Rhombus: a parallelogram with 4 congruent sides

Rectangle: a parallelogram with 4 right angles.

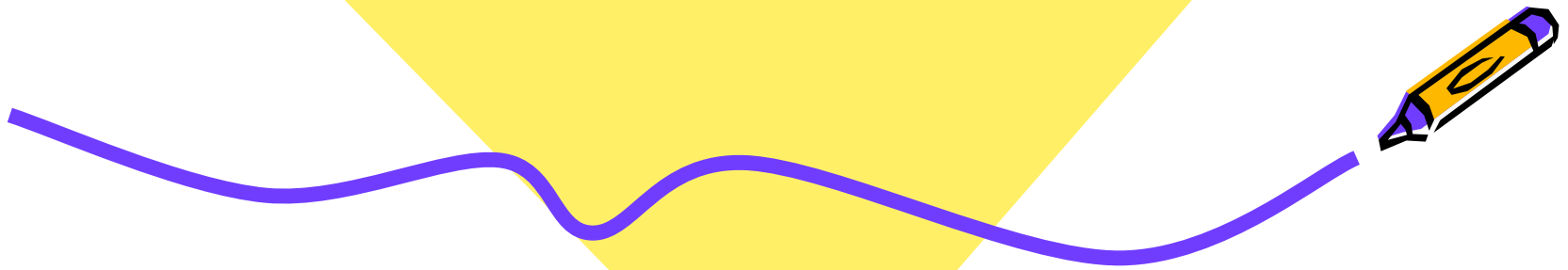
Square: a parallelogram, a rhombus and a rectangle.





Inside the flaps:

I want a neat, detailed description
with illustration as follows...

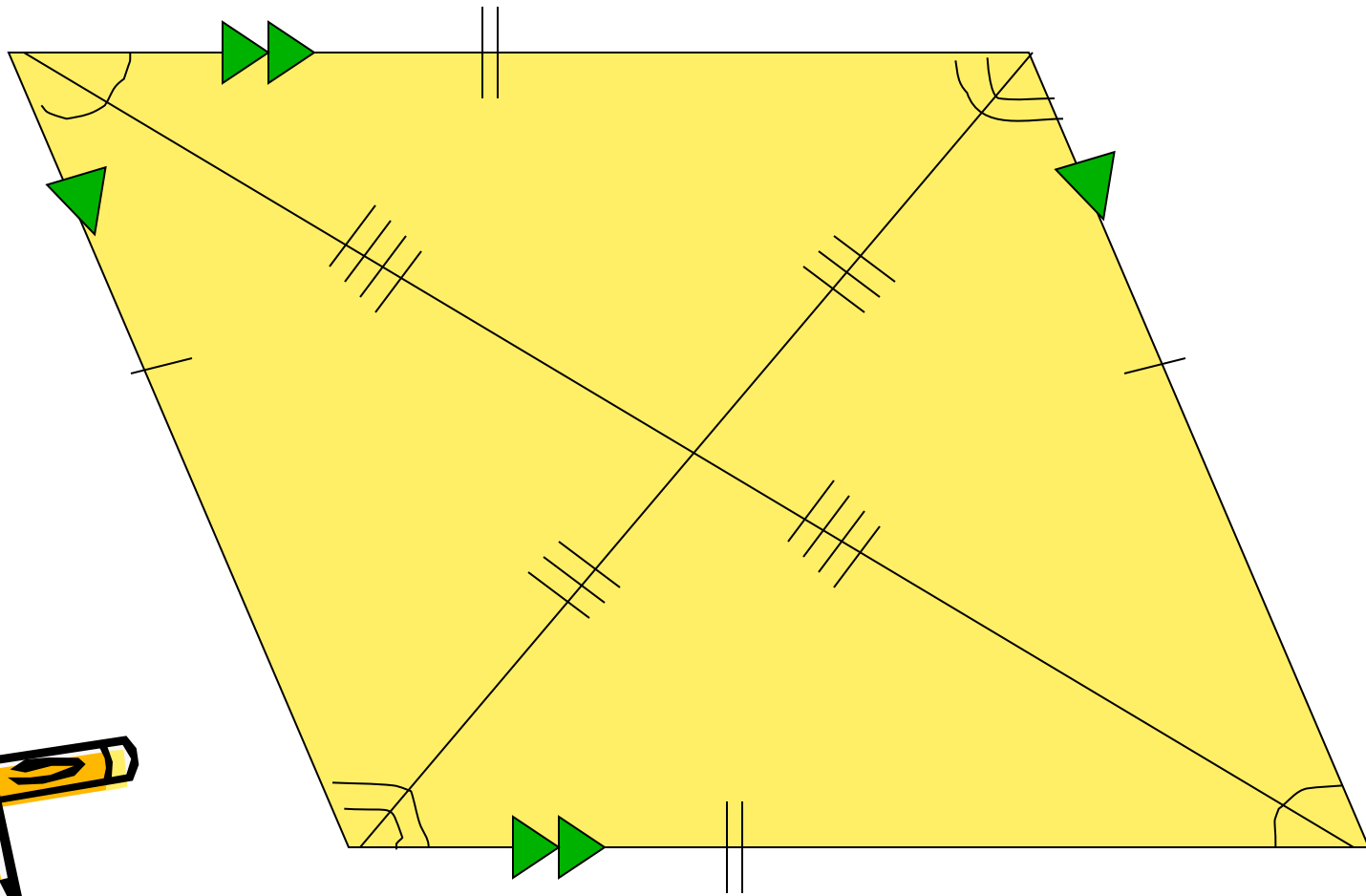


Parallelogram (left side):

- Quadrilateral
- Opposite sides parallel
- Opposite sides congruent
- Opposite angles congruent
- Consecutive angles supplementary
- Diagonals bisect each other

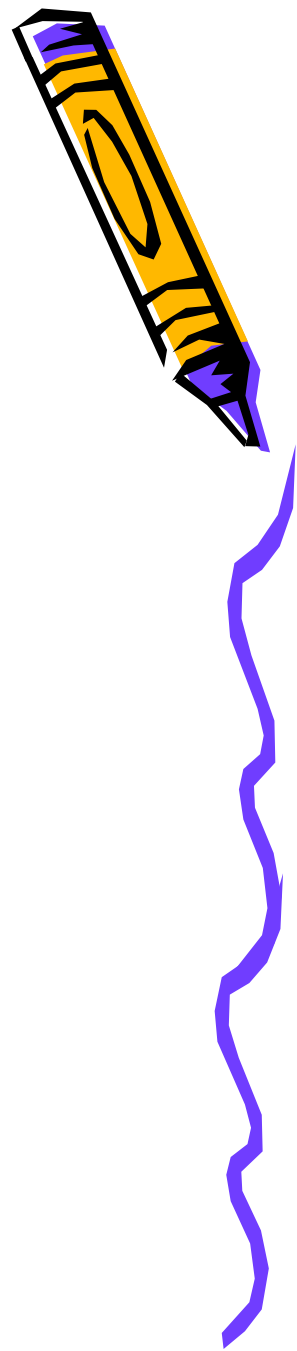


Parallelogram (right side):

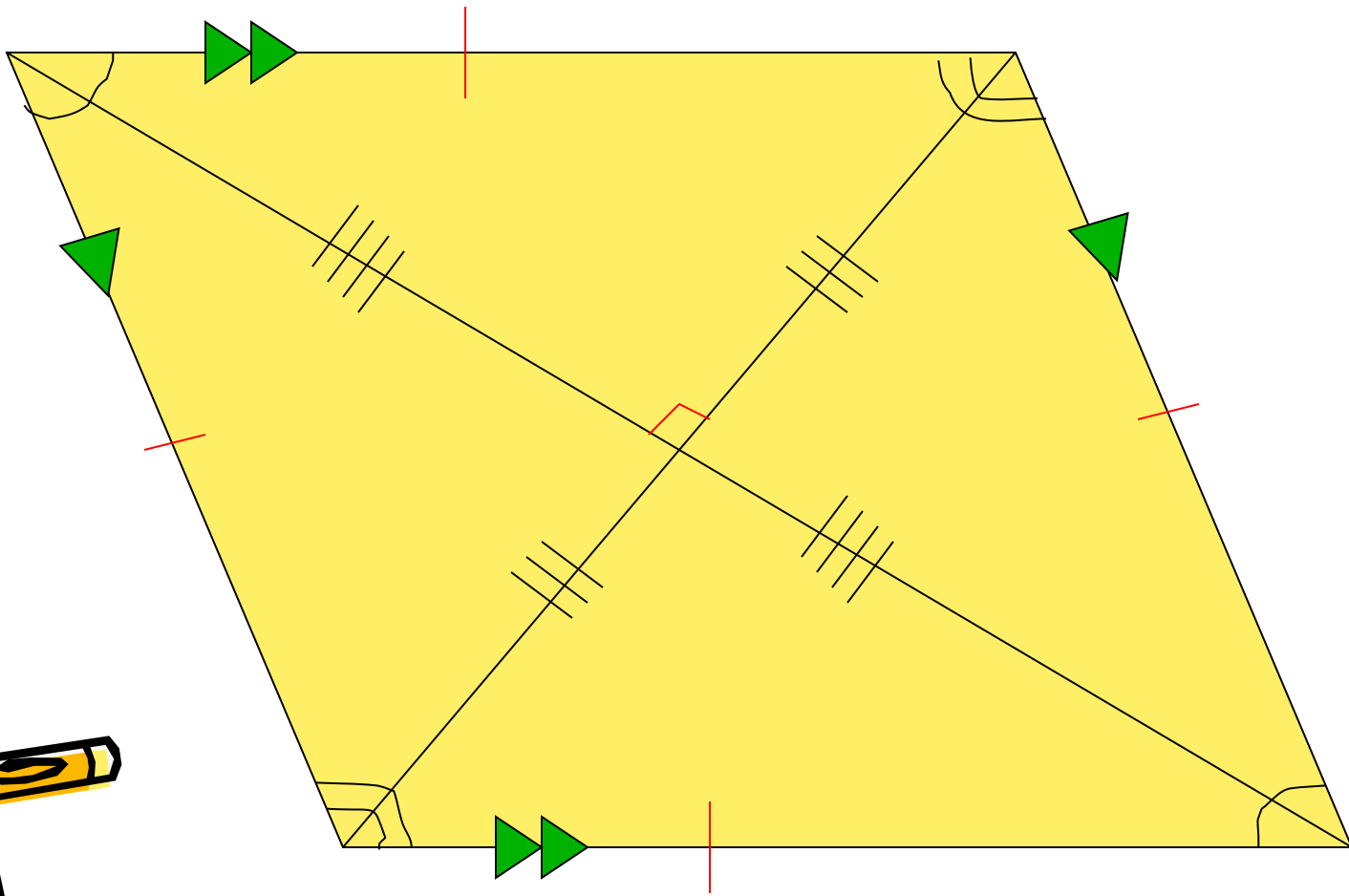


Rhombus (right side):

- Quadrilateral
- Opposite sides parallel
- **All** sides congruent
- Opposite angles congruent
- Consecutive angles supplementary
- Diagonals bisect each other
- **Diagonals are perpendicular**



Rhombus (left side):

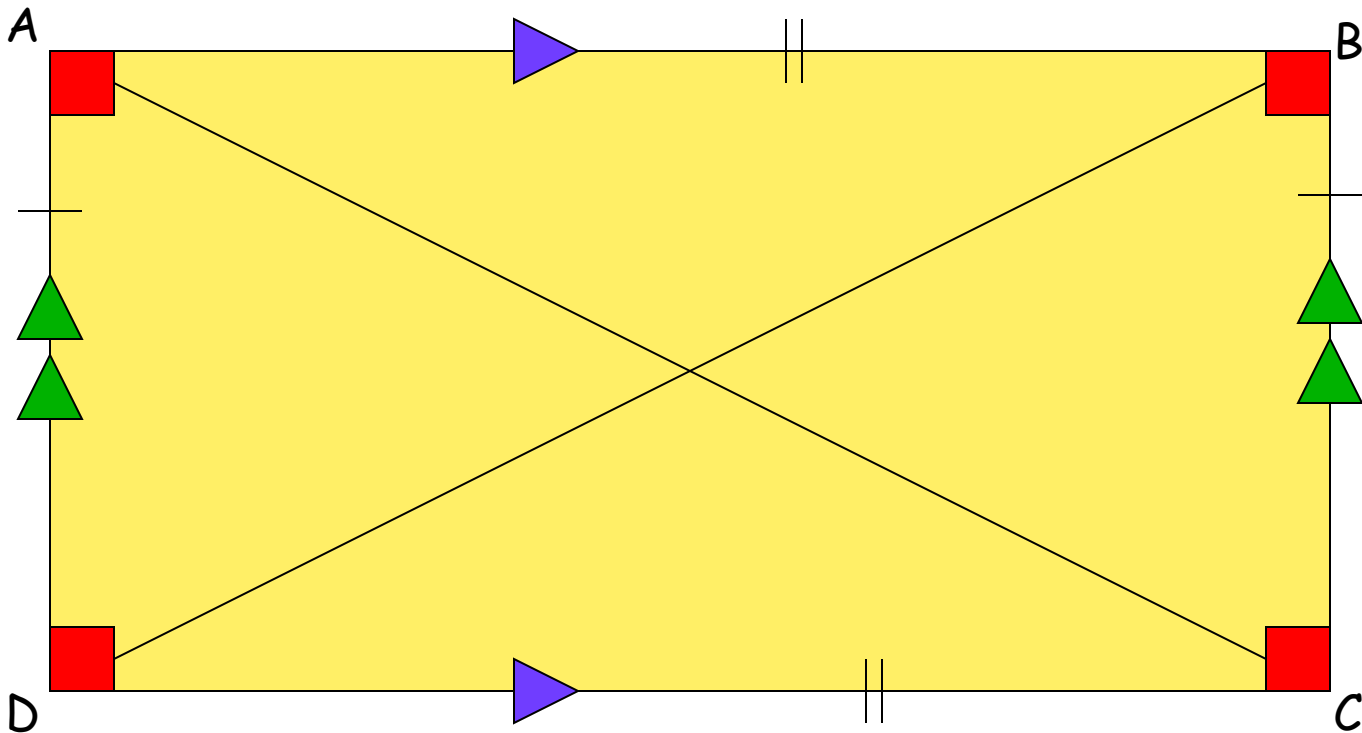


Rectangle (left side):

- Quadrilateral
- Opposite sides parallel
- Opposite sides congruent
- **All** angles congruent
- **All** angles are 90 degrees
- Consecutive angles supplementary
- Diagonals bisect each other
- **Diagonals are congruent**



Rectangle (right side):



$$AC = BD$$



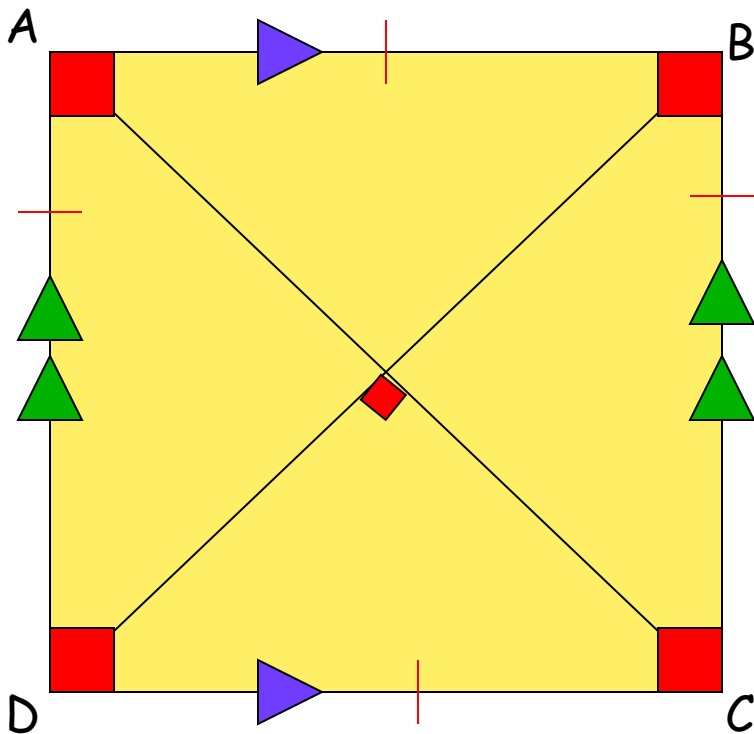
Square (right side):



- Quadrilateral
- Opposite sides parallel
- **All** sides congruent
- **All** angles congruent
- Consecutive angles supplementary
- Diagonals bisect each other
- **Diagonals are congruent and perpendicular**



Square (left side):



$$AC = BD$$

