Special Parallelograms

There are 3 special parallelograms. All of these have every property that a parallelogram would have.

Those properties once again are : 2 pair of opposite || sides

2 pair of opposite ≅ sides

2 pair of opposite ≅ ∠s

Consecutive ∠s are supplementary

Diagonals bisect each other

**Rectangle** – Parallelogram in which all 4 angles are congruent (equiangular)

Property: In a rectangle, the diagonals are congruent.

**Rhombus –** Parallelogram in which all 4 sides are congruent (equilateral)

Properties: In a rhombus, the diagonals are perpendicular.

In a rhombus, the diagonals bisect opposite angles.

**Square** – Parallelogram in which all 4 angles are congruent AND all 4 sides are congruent

A square is a rectangle that’s also a rhombus (or vice versa).

Properties: A square has all the properties of parallelograms, rectangles and rhombi.