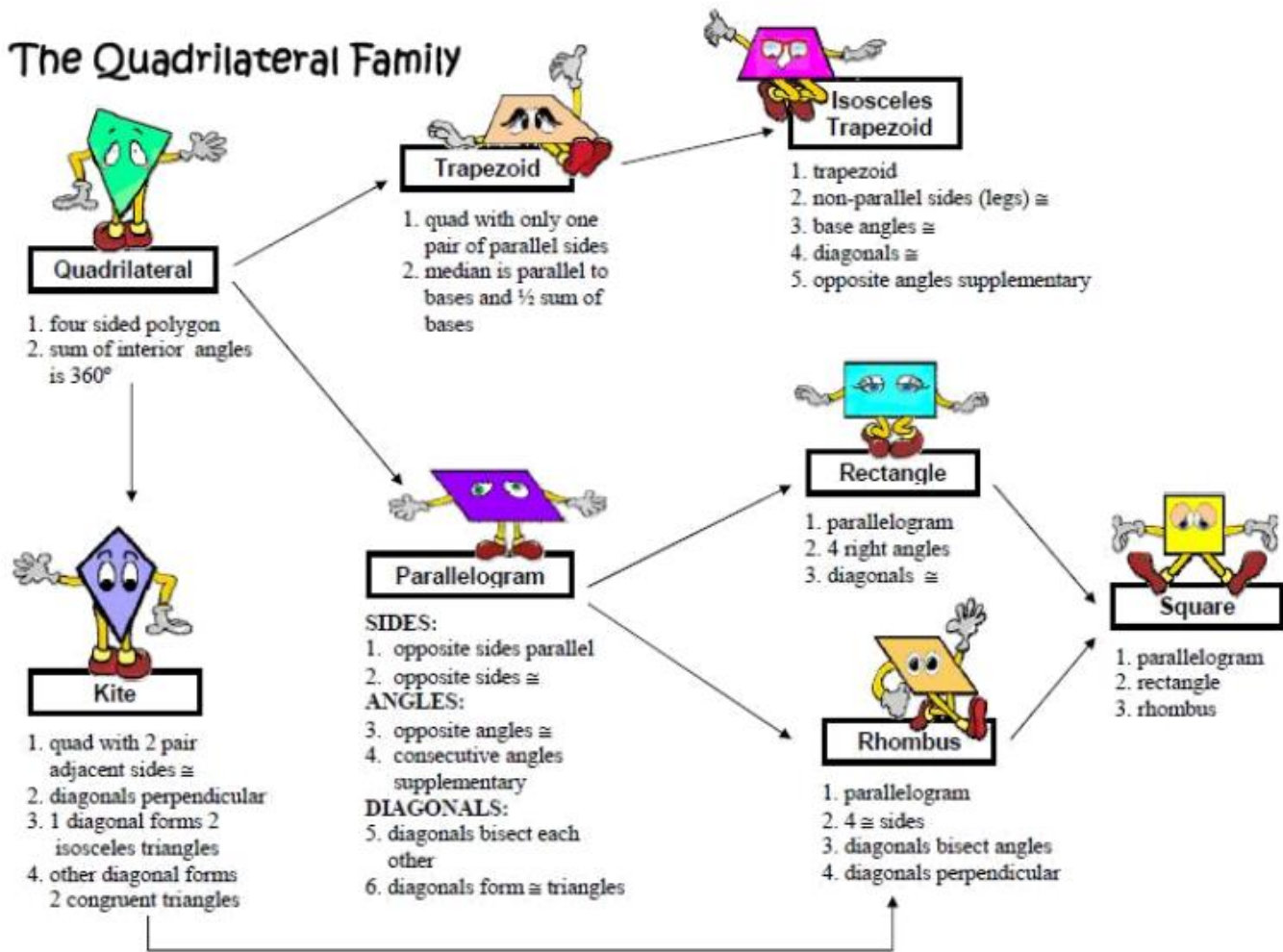


The Quadrilateral Family



A quadrilateral is a parallelogram \rightarrow all of these properties are true.

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

Properties of the Rectangle, Rhombus, and Square

Rectangle

- all properties of parallelograms
plus
- all diagonals are congruent
 - all angles measure 90°

Rhombus

- all properties of parallelograms
plus
- all sides are congruent
 - all diagonals are perpendicular
 - all diagonals bisect opposite angles

Square

- all properties of
- parallelogram
 - rectangle
 - rhombus