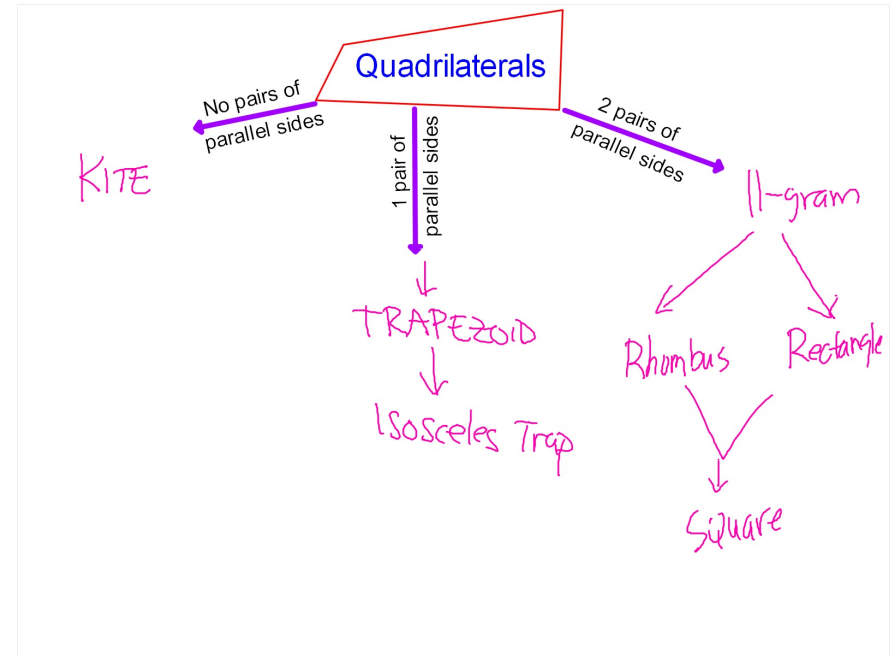


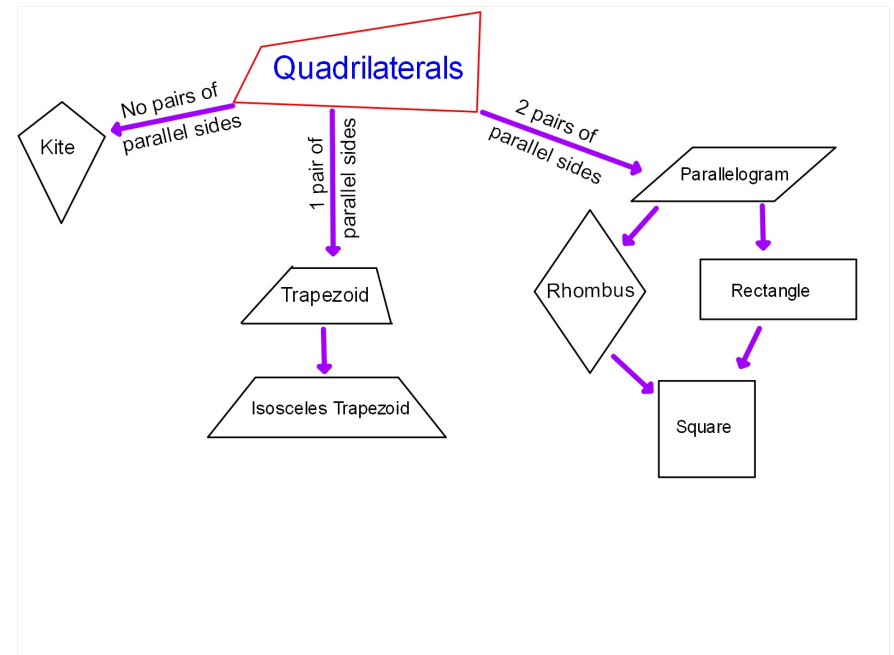
Sec 6-1 Classifying Quadrilaterals

Quadrilateral: A polygon with four sides.



What are some name of Quadrilaterals that you know:

parallelogram
Rhombus
Trapezoid → Isosceles trap
Square
Rectangle
Kite



Characteristics of Special Quadrilaterals

Parallelogram: both pairs of opposite sides are parallel

Rhombus: a Parallelogram with 4 \cong sides

Rectangle: a Parallelogram with 4 right angles

Square: a Parallelogram with 4 \cong sides and 4 right angles

Kite: a Quadrilateral with two pairs of adjacent sides that are congruent and no opposite sides congruent.

Trapezoid: a Quadrilateral with exactly one pair of parallel sides (bases)



Isosceles Trapezoid: a Trapezoid whose nonparallel sides are congruent (legs)

