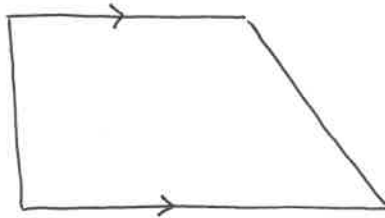


Geometry CC  
1.6 Special Quadrilaterals

Learning Objectives:

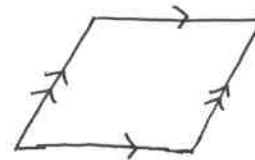
- The student will be able to define and classify quadrilaterals along with their related parts

**Trapezoid:** a quadrilateral with exactly one pair of parallel sides



trapezoid

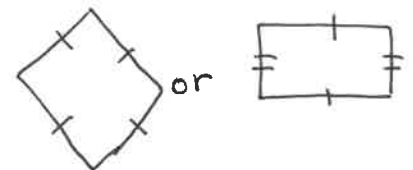
Not trapezoid



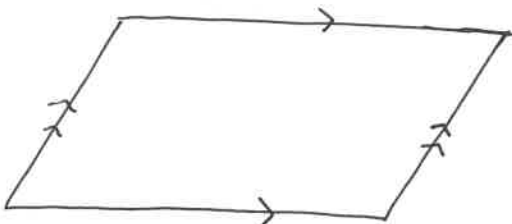
**Kite:** a quadrilateral with two distinct pairs of consecutive congruent sides  
all 4 sides are not  $\cong$  next to each other



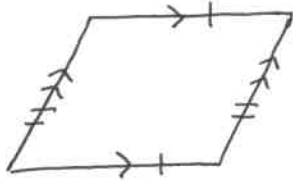
not kite



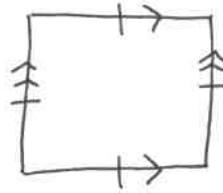
**Parallelogram:** a quadrilateral with two pairs of parallel sides.



**Rhombus:** an equilateral parallelogram  
 ↳ congruent sides  
 ↳ 2 pairs of parallel sides

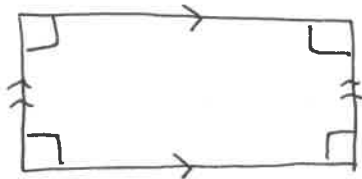


or

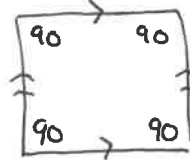


\* square is a rhombus

**Rectangle:** an equiangular parallelogram  
 ↳ congruent angles  
 ↳ 2 pairs of parallel sides

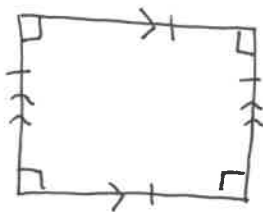


or



\* square is a rectangle

**Square:** a regular quadrilateral  
 ↳ congruent sides & angles



\* rectangle is not a square  
 rhombus is not a square

