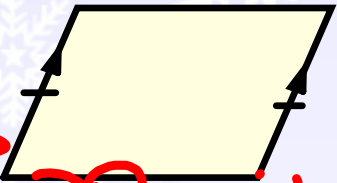
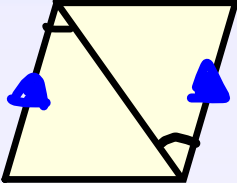


12/13/19 - Warm Up Problem

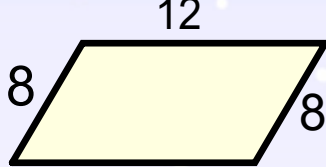
Is each quadrilateral a parallelogram? Justify your answer.

1. 

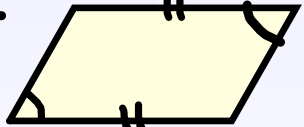
Yes
Opp. sides are \parallel and \cong

2. 

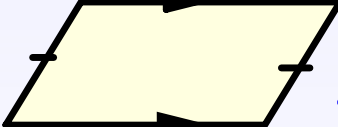
NO, only 1 pair \parallel sides

3. 

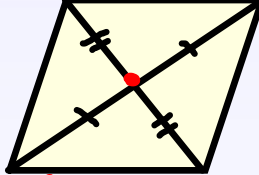
Yes
both pairs of opp. sides \cong

4. 

NO - need both pairs of sides or angles

5. 

NO - needs to be same pair of sides

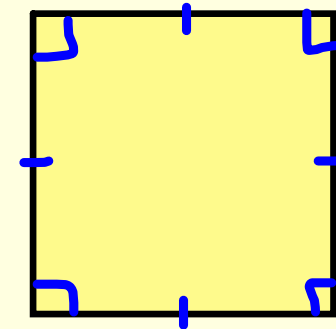
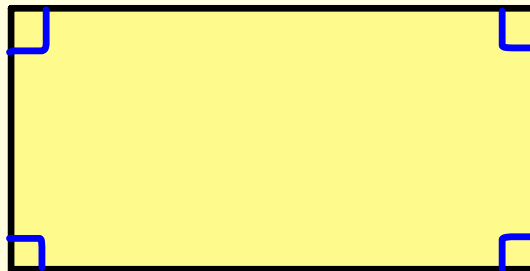
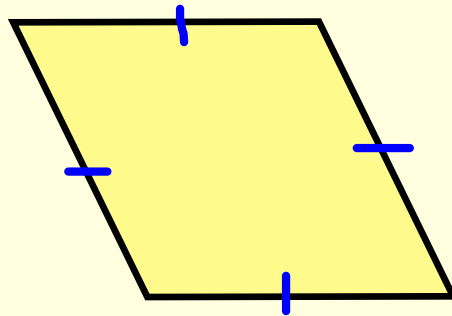
6. 

Yes - diagonals bisect

Section 6.4 - Rhombuses, Rectangles, and Squares

Goal: Use properties of rhombuses, rectangles, and squares to find missing measures

Is each of these quadrilaterals a parallelogram?
How do you know?

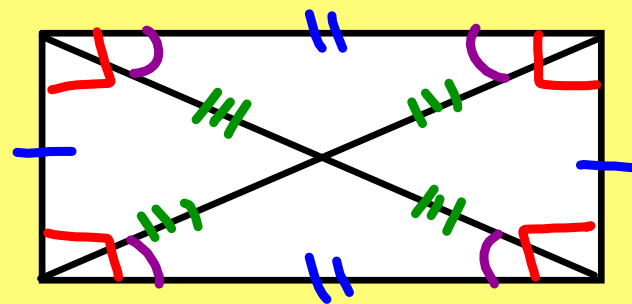


Rectangle:

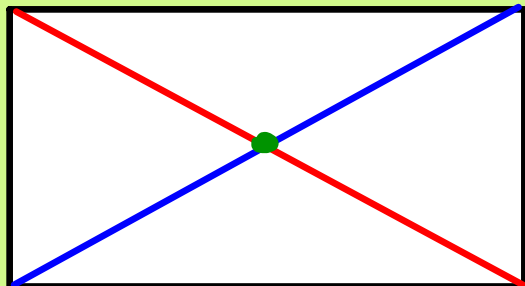
a parallelogram with four right angles

A rectangle has all of the properties of a parallelogram plus two more properties of its own...

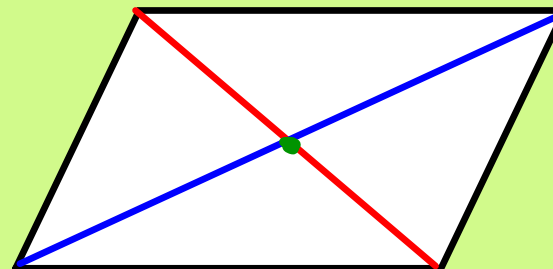
1. All four angles are right angles
2. Diagonals are congruent



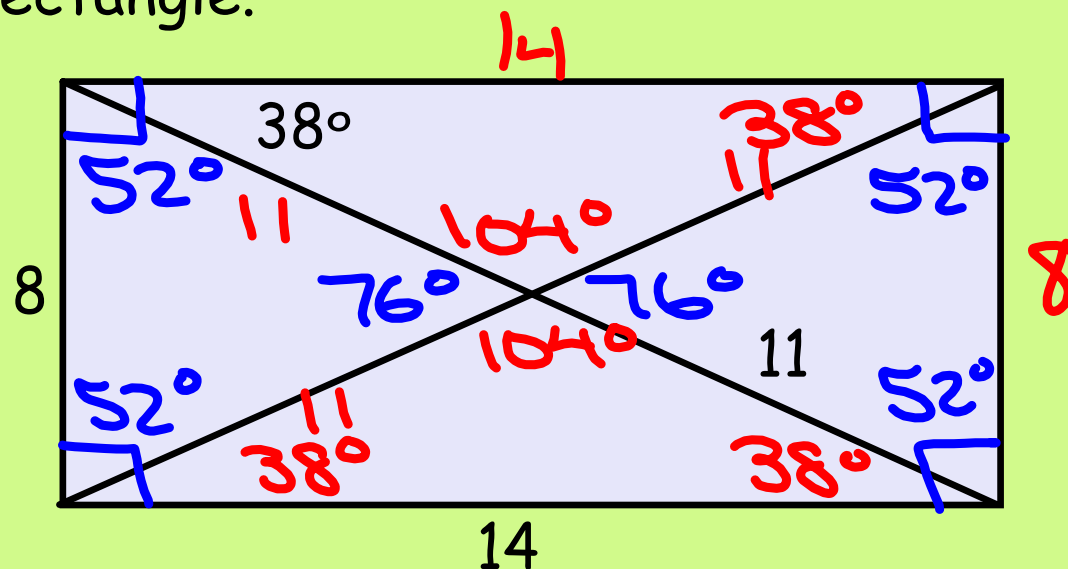
Rectangle



Parallelogram



Find the measure of each angle and segment in the rectangle.

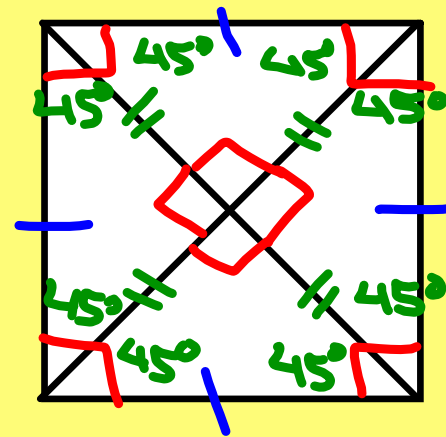


Square:

a parallelogram with four congruent sides and four right angles

A square has all the properties of

- a parallelogram
- a rhombus
- a rectangle



Assignment:

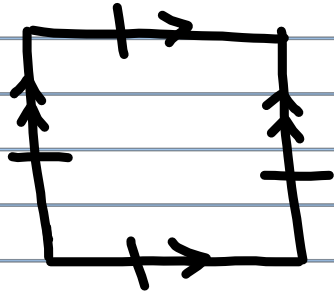
Section 6-4

pg. ~~379~~ 380

(24-39)

(42-44) - due by Thursday 12/19

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Rhombus