

# Week of Mar. 10-14: Geometry Chapter 7 Continue

**Monday** - Review all types of quadrilaterals with a 2-day activity from the MAP FAL site.

- Warmup: Complete the Classifying Quad: page 1&2 in first 10 minutes then review
- Continue with Sketching Quadrilaterals with each strip of clues per Quadrilateral description (may work with partner)
- Hw assigned per class per needs: online 7.4//pg.379 # 1-22 (11-14, 20-21 for pd 1,4)

**Tuesday** - .Continue with Sketching Quad from clues to finish A-F strips

HW assigned per class per needs: online 7.5/pg 389 # 5-10, 15-26, 31-34 (36 PD 2 CP)

**Wednesday** - TEST on Quadrilateral: Based on HW and Activity from this week.

**Thursday** - Celebrate PI day with video and reciting PI and eating PI related items

**Friday** - No class/school as senior presentations and teacher inservice

# Classifying Quadrilaterals

1. Complete the boxes below with the word 'All', 'Some' or 'No' to make the statements about quadrilaterals correct, giving reasons for your word choice. Your reasons can include diagrams.

a.  rectangles are squares.

Reason for your choice of word:

2. Which of the following quadrilaterals must have at least one pair of parallel sides?  
Circle all that apply.

Rectangle

Square

Trapezoid

Parallelogram

Kite

Rhombus

Explain your answer:

# Sketching Quadrilaterals

Sketch the quadrilateral and label it appropriately:

# Card Set: Properties

A1

The diagonals of the shape are congruent

A2

The shape has at least one side that is 5cm long

A3

The diagonals of the shape bisect each other at right angles

A4

The shape has 4 equal angles

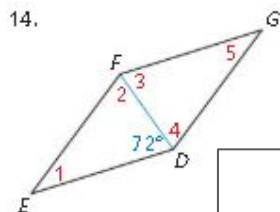
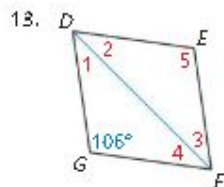
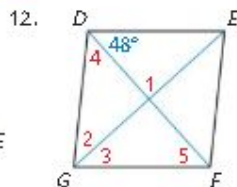
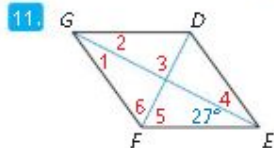
A5

The shape has two pairs of parallel sides

# Book Sample HW problems

## 7 Chapter Review WITH CalcChat®

In Exercises 11–14, find the measures of the numbered angles in rhombus  $DEFG$ . ▶ *Example 3*



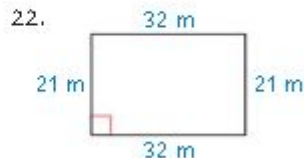
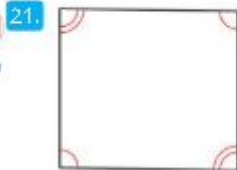
### Chapter Learning Target

Understand quadrilaterals and other polygons.

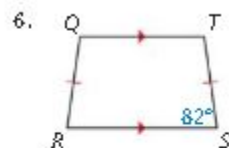
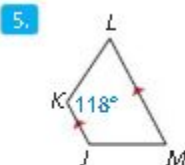
### Chapter Success Criteria

- I can find angles of polygons.
- I can describe properties of parallelograms.
- I can use properties of parallelograms.
- I can identify special quadrilaterals.

In Exercises 21 and 22, determine whether the quadrilateral is a rectangle. Explain. ▶ *Example 4*



In Exercises 5 and 6, find the measure of each angle in the isosceles trapezoid. ▶ *Example 2*



In Exercises 7 and 8, find the length of the midsegment of the trapezoid. ▶ *Example 3*

