MAT 222-840

Discussion Questions for Chapter 6

Summer 2017

Due: 6/14/17 at 4:00PM

Instructions: Your answers to the following questions do not need to be lengthy or written in complete sentences, but should reflect preparation for our discussion about Chapter 6 at the beginning of class.

Questions:

1.	How can you use triangles to remember the sum of the measures of the interior angles of any convex quadrilateral?
2.	If consecutive angles of a parallelogram are congruent, what can you conclude about the parallelogram? Explain your reasoning
3.	What are 6 ways to prove that a quadrilateral is a parallelogram? • • •
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4.	• What is the common name for a "rectangular rhombus?
5.	In what type of parallelogram do congruent diagonals bisect each other?
6.	In what type of trapezoid are the two legs congruent to each other and the two base angles congruent?
7.	What do the diagonals of an isosceles trapezoid and a rectangle have in common?
8.	What do the diagonals of a kite and a rhombus have in common?

Muddiest Point:

What questions do you have about the notes you took in Chapter 6, or anything from this week?



MML Homework Questions:

Are there any MML homework problems from Chapter 6 that you would like to discuss?