MAT 222-840 Discussion Questions for Chapter 9 & Meas. Summer 2017

Due: 6/26/17 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 9 and Measurement at the beginning of class.

Questions:

- 1. If you are given the lengths of the three sides of any triangle, how can you determine whether it is an acute, right, or obtuse triangle?
- 2. How can you use an equilateral triangle to find the lengths of the sides in a 30°-60°-90° triangle?
- 3. The word **mile** comes from the Latin *mille passum*, which means 1000 paces. During the days of the Roman Empire, a Roman pace was the distance covered by two strides. How many strides were in a Roman "mile"? Is this an accurate measurement? Why or why not?

4. Is a measurement of 14 m² a measurement of length, area, or volume? How can you tell?

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What questions do you have about the notes you took in Chapter 9, Measurement, or anything from this week?



MML Homework Questions:

Are there any MML homework problems from Chapter 9 that you would like to discuss?