

Due: 7/10/17 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 12 at the beginning of class.

Questions:

1. Given any two points on a circle, how many arcs are there between them? How would you describe these arcs?
2. If the arcs $m\widehat{AB} = m\widehat{RS}$, does this mean that the two arcs are congruent? Why or why not?
3. If two circles do not intersect, how many common tangents do they have? Describe them.
Warning! There may be more than one answer to this question. Why?
4. If two circles intersect in exactly one place, how many common tangents do they have? Describe them.
Warning! There may be more than one answer to this question. Why?
5. If two circles intersect in exactly two places, how many common tangents do they have? Describe them.
6. How can you locate the center of any circle?

Muddiest Point:

What questions do you have about the notes you took in Chapter 12, or anything from this week?



MML Homework Questions:

Are there any MML homework problems from Chapter 12 that you would like to discuss?