Chapter 2 Homework Summary

Section 2.1 #4 and #10

2.1 Ms. Leigh One



Use this sketch to show that SSA is not a congruence criterion.

2.1 Ms. Leigh Two



Find the measure of side AB using the Law of Cosines.

Section 2.2

#4 (See Dr. Math on p. 55 for formula)

#6

#8

2.3

#4 and #6

Sections 2.4, 2.5, and 2.6

2.4 #4 and #8

**2.4 Ms. Leigh’s Problem One**

Using the grid below, draw a 6 sided CONVEX polygon with at least 2 sides of different lengths. Find it’s area using Pick’s Theorem. Then write out a way to find the area without Pick’s. Which do you prefer! Copy and turn in this page with your homework.



Ms. Leigh’s Problem 2 is missing in action. Just skip to Problem 3

2.5 #4

Ms. Leigh’s Problem 3

Pretend we can have angles larger that 180 and less than 0. Convert the following to degrees and show your work

5pi/4 5pi/6 - pi/4

**Ms. Leigh’s Question 4**

Rewrite Theorem 2.5.1 p. 72 in the textbook in the way that you’d teach it to a 7th grader. Include two illustrations with lines and angles labeled.

2.6 #6 and #8

**2.4 Ms. Leigh’s Problem 5**

Look at the nets on p. 78 in the book…they are numbered 18 – 20. When reconstructed as 3D objects what will they look like? Answer the two questions below the illustrations, numbered 21 and 22. Also name figure B.