Unit 2 Test Review (Part 1 and Part 2)- due the day of your test

The Unit 2 Test will have two parts, Unit 2 -Test Part 1 and Unit 2 Test - Part 2. These will be two separate test grades. Study all the questions that are on the review but only a select few must be turned in the day of your test. There are NO LATE GRADES taken on reviews.

**\*\*\*THIS PART MUST BE TURNED IN THE DAY OF YOUR TEST\*\*\***

CHAPTER 2 REVIEW (textbook): pg. 134-137/#1-7, 9, 10, 12-20, 22-24

CHAPTER 2 TEST (textbook): pg. 138/#5-21

ADDITIONAL PRACTICE PROBLEMS to REVIEW

This part DOES NOT need to be turned in and if you completed all of your homework then these questions are done☺.

**STUDY**: Cycle 1- Homework Quiz #2 (2.2), Homework Quiz #3(2.3-2.5), and

Cycle 2- Homework Quiz #1 (2.6-2.7),

**Specific types of questions from each sections to study are**

* (2.1 and 2.3) Identify if Inductive or Deductive reasoning was used to form a conclusion and why.
* (2.1) Show that a conjecture is false by finding a counterexample.
* (2.2) Identify and write all of the different forms of the if-then/conditional statement and decide whether they are true or false. This is from Homework Quiz #2 (2.2)
  + **Example: Identify the converse, inverse and contrapositive of**

**“If you go to the University of Houston, then you live in Houston.”**

If you do not go to the University of Houston, then you do not live in Houston.

If you live in Houston, then you go to the University of Houston.

If you do not live in Houston, then you do not go to the University of Houston.

* (2.3) Use the Laws of Logic (LD and LS) to write a conclusion and state the Law that was used. This is from Homework Quiz #3(2.3-2.5)
* (2.4) Complete the statement (fill in the blank) for Postulate 5 – Postulate11
  + Example: Through and two points there exists exactly \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* (2.5) Use the given property to fill in the blank.
  + Example: Reflexive: AB = \_\_\_\_.
* (2.5) Complete the logical argument by giving a reason for each step. Look at Homework Quiz #3(2.3-2.5).
  + Example: 1. 2(x + 5) = 18 1. Given

2.\_\_\_\_\_\_\_\_\_ 2.\_\_\_\_\_\_\_\_\_\_

3.\_\_\_\_\_\_\_\_\_ 3.\_\_\_\_\_\_\_\_\_\_

4.\_\_\_\_\_\_\_\_\_ 4.\_\_\_\_\_\_\_\_\_\_

* (2.6 and 2.7) Basic Proofs: Look at the proofs from the Workbook, HW in the Textbook and Geometry Proofs Packet #1 and Geometry Proofs Packet #2 (answers to the packet will be posted on the website)