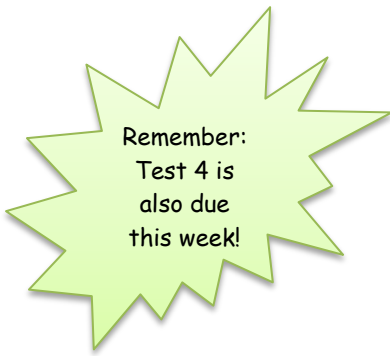


Name \_\_\_\_\_

Points (20) \_\_\_\_\_



# Introductory Logic

## Homework #12

(Due 12/4/12)

Read pages 83-92 in the text. Define the following, *using the text*:



- Parameters –
- Exclusives –

For practice, translate the following statements into standard, categorical form.

1. You should do all the problems assigned. \_\_\_\_\_

2. You won't pass this class unless you do the homework. \_\_\_\_\_

\_\_\_\_\_

3. Everyone passed the class except Joe Blow. \_\_\_\_\_

1. All problems assigned are problems you should do.    2. All passing students are homework-doers.    3. No Joe Blow was a passing student.
--

Check your answers. There are other possible translations, but it should be an immediate inference of the answer provided. If you had any problems, reread/practice the assigned text. Then do...

Exercise Twenty-one (page 86) Be sure to use all of the rules to put statements into categorical form!

1. \_\_\_\_\_

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

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

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

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
12. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
13. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
14. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
15. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Read pages 88-92 in the text. Define the following, *using the text*:

• Enthymeme –

For practice, translate the following enthymemes into standard-form syllogisms.

1. It is not a snowy day, so we will not cancel class today.      2. Sinners should repent, and you're a sinner.


1. (All snowy days are days class is canceled.) No today is a snowy day. Therefore, no today is a day class is canceled.  
 2. All sinners are people who should repent. All you are a sinner. (Therefore, all you are a person who should repent.)

Check your answers. There are other possible translations, but the statements should be immediate inferences of the answer provided. If you had any problems, reread/practice the assigned text pages. Then do...

Exercise 22 (pages 91-92).

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

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

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5. \_\_\_\_\_

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6. \_\_\_\_\_

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7. \_\_\_\_\_

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8. \_\_\_\_\_

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9. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

10. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Challenge:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Cranium Calisthenics**

Three people check into a hotel. They pay \$30 to the manager and go to their room. The manager suddenly remembers that the room rate is \$25 and gives \$5 to the bellboy to return to the three people. On the way to the room the bellboy reasons that \$5 would be difficult to share among three people so he pockets \$2 and gives \$1 to each person. Now each person paid \$10 and got back \$1. So they paid \$9 each, totaling \$27. The bellboy has \$2, totaling \$29. Where is the missing \$1?

