

Name _____

Points (20) _____

Introductory Logic

Homework #2

Read pages 21-27 in the *Intermediate Logic*.



Name the three methods of defining terms: _____,
_____, and _____.

Exercise Four (p. 23)

1. Nation

2. Board Game

3. Candy

4. Happy

5. Job

6. Dinner

7. Brother: _____

8. Doe: _____

9. Whisker: _____

10. Queen: _____



Summarize the six rules for defining by genus and difference (using the same numbers used in the text):

1.

2.

3.

4.

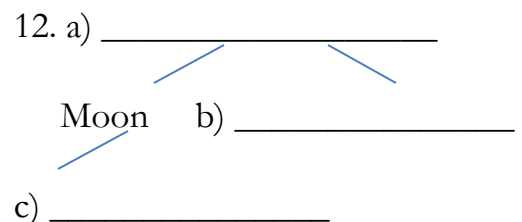
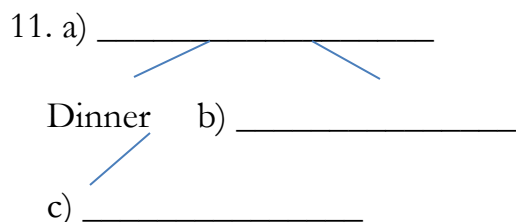
5.

6.

Identify rules broken:

- | | | | | | | |
|---|---|---|---|---|---|---|
| 1. <i>Mountain</i> : A natural object bigger than a hill. | 1 | 2 | 3 | 4 | 5 | 6 |
| 2. <i>Wife</i> : Adam's rib. | 1 | 2 | 3 | 4 | 5 | 6 |
| 3. <i>Brick</i> : Dried clay shaped into a brick. | 1 | 2 | 3 | 4 | 5 | 6 |
| 4. <i>Rectangle</i> : The shape of your textbook. | 1 | 2 | 3 | 4 | 5 | 6 |
| 5. <i>Headache</i> : When your head hurts. | 1 | 2 | 3 | 4 | 5 | 6 |
| 6. <i>Capitalist</i> : A person who is not a socialist. | 1 | 2 | 3 | 4 | 5 | 6 |
| 7. <i>To hate</i> : How you feel when you don't like something. | 1 | 2 | 3 | 4 | 5 | 6 |
| 8. <i>Carpet</i> : Floor covering. | 1 | 2 | 3 | 4 | 5 | 6 |
| 9. <i>To float</i> : To hover. | 1 | 2 | 3 | 4 | 5 | 6 |
| 10. <i>Bag</i> : A pliant repository. | 1 | 2 | 3 | 4 | 5 | 6 |
| 11. <i>Large</i> : Something that is not small. | 1 | 2 | 3 | 4 | 5 | 6 |
| 12. <i>Life</i> : A roller coaster that we all ride. | 1 | 2 | 3 | 4 | 5 | 6 |

(Note: there is an error in the numbering in the text. To avoid confusion, the numbering here is the same as that of the text.)



13. a) _____
 / \
To teach b) _____
 / \
c) _____

14. a) _____
 / \
To pray b) _____
 / \
c) _____

15. Dinner _____

16. Moon _____

17. Wristwatch _____

18. Bed _____

19. To teach _____

20. To pray _____

Cranium Calisthenics

Scheherazade relayed this riddle to the king: "Hassan owned eight camels. In one unfortunate month, all but five of them died. How many were left?"

"Obviously, three," said the king. "Any dunce could tell you that!"

I agree with the king's last statement. Do you?*

(Please explain your answer for credit.)



*
From *The Riddle of Scheherazade and Other Puzzles*, Smullyan. Knopf, 1997.