

Exercises for Reading 2.02b

_____ Exercises Part I. Peruse entire reading. Then read the introductory section at the very beginning of the chapter. Read this section carefully and try to understand it as best you can.

1. Write out the lines invented by William of Shyreswood to remember the valid syllogisms.

BARBARA, CELARENT, DARII, FERIOque prioris;
CESARE, CAMESTRES, FESTINO, BAROCO secundae;
Tertia; DARAPTI, DISAMIS, DATISI, FELAPTON, BOCARDO, FERISON habet; quarta insuper
addit; BRAMANTIP, CAMENES, DIMARIS, FESAPO, FRESISON.

2. What are the valid moods in the First Figure (indicate them both by their letters and their names):

Example: Barbara, AA: Celarent. EA: etc.

BARBARA, AA
CELARENT, EA
DARII, AI
FERIO, EI

3. What are the valid moods in the Second Figure (indicate them both by their letters and their names):

CESARE, EA
CAMESTRES, AE
FESTINO, EI
BAROCO, AO

4. What are the valid moods in the Third Figure (indicate them both by their letters and their names):

DARAPTI, AA
DISAMIS, IA
DATISI, AI
FELAPTON, EA
BOCARDO, OA
FERISON, EI

5. What are the valid moods in the Fourth Figure (indicate them both by their letters and their names):

BRAMANTIP, AA
CAMENES, AE
DIMARIS, IA

FESAPO, EA
FRESISON, EI

6. What do the vowels in these names indicate?

The mood of the syllogism

_____ Exercises. Read the section titled, "Five common valid syllogisms."

Read the entire section carefully.

7. Write out the lines invented by William of Shyreswood to remember the valid syllogisms: [Review]

BARBARA, CELARENT, DARII, FERIOque prioris;

CESARE, CAMESTRES, FESTINO, BAROCO secundae;

Tertia; DARAPTI, DISAMIS, DATISI, FELAPTON, BOCARDO, FERISON habet; quarta insuper addit; BRAMANTIP, CAMENES, DIMARIS, FESAPO, FRESISON.

8. Fill in the following chart: [Review]

Third Figure (sub-sub)

M is the **subject** (subject or predicate) in the **major** premise

M is the **subject** (subject or predicate) in the **minor** premise

9. Of the kinds of syllogisms that can be valid, how many are commonly used?

Five

10. Describe the five most commonly used syllogisms (i.e. tell what mood and figure they are in).

BARBARA, AAA-1

CELARENT, EAE-1

CESARE, EAE-2

CAMESTRES, AEE-2

CAMENES, AEE-4

_____ Exercises Continued: Read section titled "How to Use the Mnemonic." Read it carefully.

11. Give the three steps outlined in the text for determining the validity of a syllogism using the mnemonic presented in the text.

1. Determine the figure.

2. Determine the mood.

3. Determine whether the mood is included in the mnemonic verse

Tell what figure and mood these syllogisms are in. If it is valid, give the name. Use the three step method you wrote for your answer in question 28. to help determine the names:

12. No pernicious thing is commendable
Some indulgence is a pernicious thing
Therefore , some indulgence is not commendable
Figure: **1**
Mood: **EIO**
Name: **FERIO**
13. No man hates life
All men are mortal
Therefore , some mortals do not hate life
Figure: **3**
Mood: **EAO**
Name: **FELAPTON**
14. All living things breathe
All plants are living things
Therefore , all plants breathe
Figure: **1**
Mood: **AAA**
Name: **BARBARA**
15. All jealous persons are bitter
No saints are bitter
Therefore, no saints are jealous persons
Figure: **2**
Mood: **AEE**
Name: **CAMESTRES**
16. All that encourages evil is pernicious
Some indulgence encourages evil
Therefore, some indulgence is pernicious
Figure: **1**
Mood: **AII**
Name: **DARII**
17. No bitter man has peace
All saints have peace
Therefore , no saint is a bitter man
Figure: **2**
Mood: **EAE**

Name: **CESARE**

_____ Exercises continued. Read the section titled, "Summary." Read the entire section carefully.

18. Fill in the following chart: [Review]

Fourth Figure--Indirect First (*prae-sub*)

M is the **predicate** (subject or predicate) in the major premise

M is the **subject** (subject or predicate) in the minor premise

19. What is the Latin saying invented to help remember the four figures? [Review]

Sub-prae prima, bis prae secunda, tertia sub bis.

20. What does this saying mean? [Review]

Sub-prae first, prae twice second, sub twice third.

Tell what figure and mood these syllogisms are in and give the syllogistic name.

21. All centaurs are half-man, half-horse
All centaurs are fabulous beings
Therefore, some fabulous beings are half-man, half-horse
Figure: **3**
Mood: **AAI**
Name: **DARAPTI**

22. All animals have a body
Some animals are intelligent beings
Therefore, some intelligent beings have bodies
Figure: **3**
Mood: **AI**
Name: **DATISI**

23. All fools are annoying
Some chatterboxes are not annoying
Therefore, some chatterboxes are not fools
Figure: **2**
Mood: **AOO**
Name: **BAROCO**

24. All flowers are plants
 Some beautiful things are flowers
 Therefore, some beautiful things are plants
 Figure: **1**
 Mood: **AI**
 Name: **DARII**

25. Some mammals are dogs
 All dogs are friendly
 Therefore, Some friendly things are mammals
 Figure: **4**
 Mood: **IAI**
 Name: **DIMARIS**

26. Complete the following diagram by giving the form of each statement and showing whether each term is distributed or undistributed: [Review]

<u>Letter Designation</u>	<u>Form (e.g. "All S is P")</u>	<u>DISTRIBUTION</u>	
		<u>Subject-Term</u>	<u>Predicate-Term</u>
A:	All S are P	Distributed	Undistributed
I:	Some S are P	Undistributed	Undistributed
E:	No S are P	Distributed	Distributed
O:	Some S are not P	Undistributed	Distributed

27. Think up your own syllogism of the following forms (nothing from the reading/exercises):

BARBARA:
All chickens are birds
All Rhode Island Reds are chickens
Therefore, All Rhode Island Reds are chickens

CELARENT:
No primates are Rhode Island Reds
All baboons are primates
Therefore, no baboons are Rhode Island Reds

CESARE:

No baboons have feathers

All chickens have feathers

Therefore, no chickens are baboons

CAMESTRES:

All college students are high school graduates

No baboons are high school graduates

No baboons are college students

CAMENES:

All who love bacon are meat eaters

No meat eaters are vegetarians

Therefore, no vegetarians are meat eaters

28. Tell whether the following are true or false:

- | | | |
|----------|---|---|
| T | F | The mood of a syllogism of the form CELARENT is EAE. |
| T | F | BARBARA, CELARENT, DARII, and FERIO are valid syllogisms of the First Figure. |
| T | F | The mood AOO is only valid in the second figure (AOO-2) |