

_____ Exercises for Day I. Peruse: Entire reading. Then read the introductory section. Read it carefully.

Principle of Charitable Interpretation. This wasn't discussed, but is essential in these exercises.

If an informally stated argument can be interpreted either as an invalid argument or a valid argument, we should always pick the valid interpretation.

On a few of the examples, I went out of my way to make them valid. You may have had other interpretations. That's fine, as long as they make sense.

1. What is this reading about?

The most common way in which arguments are stated in ordinary conversation and how to convert such arguments into regular syllogisms.

2. Why is it important for us to know the material in this reading?

It will allow us better to assess the arguments of our opponents.

3. In what form is an argument most commonly expressed?

Enthymeme

Read: Section titled, 'What is an Enthymeme?' Read it carefully.

4. What is the definition of an enthymeme?

An enthymeme is a syllogism that does not contain both of the necessary premises-or contains both of its premises but is missing a conclusion. The missing premise or conclusion is implied, but not stated.

5. Why would you not express one of the premises in an argument?

It is unnecessary to state all parts of the argument explicitly, because we assume the listener/reader knows the parts that are left out.

Read: Section titled, 'Three Kinds of Enthymemes.' Read it carefully.

6. What are the three kinds of enthymemes?

First order, Second order, Third order.

7 Upon what basis are these different kinds of enthymemes distinguished?

1st: Major premise is unstated. 2nd: Minor premise is unstated. 3rd order: Conclusion is unstated.

Read: Section titled, 'First Order Enthymemes.' Read it carefully.

8. Explain what a First Order enthymeme is in your own words.

The major premise is unstated.

Read: Section titled, "Second Order Enthymemes." Read it carefully.

9. Explain what a Second Order enthymeme is in your own words.

The minor premise is unstated.

Read: Section titled, "Third Order Enthymemes." Read it carefully.

10. Explain what a Third Order Enthymeme is in your own words.

The conclusion is unstated.

11. What two reasons are there for using a Third Order enthymeme?

1. Use of *innuendo*.

2. Helping students to practice their skills, so they can draw the unstated conclusion.

____ Exercises Part 2. I PUT #12 and #14 together.

12. Indicate the order of each of the following enthymemes:

1. Drunk driving hurts innocent people

Therefore drunk driving is wrong

First

BARBARA

(All things that hurt innocent people are things that are wrong)

All drunk driving is something that hurts innocent people

All drunk driving is something that is wrong.

2. "He would not take the crown.

Therefore 'tis certain he was not ambitious!" (William Shakespeare, Julius Caesar)

First

CAMESTRES

(All honorable and respectable men are ambitious persons.)

No honorable person is one who will take the crown.

(No) Brutus is one who is an ambitious person

3. We shouldn't give special trade privileges to countries that violate human rights

Therefore, we should not give China special trade privileges

Second

CAMESTRES

(All) China is a country that violates human rights.

No special trade privileges are things to give countries that violate human rights

No special trade privileges are things that should be given to China

4. Activities that are psychologically damaging should be avoided

And television is psychologically damaging

Third

BARBARA

All activities that are psychologically damaging are things that should be avoided.

All television is a thing that is psychologically damaging

All television is a thing that should be avoided

5. If something doesn't cause crime, then it shouldn't be banned

And guns don't cause crime

Third

EEE-1 Rule 5

No things that cause crime are things that should be banned.

No guns are things that cause crime

No guns are things that should be banned

6. The Constitution does not prohibit school prayer

Therefore, it should not be outlawed

First

BARBARA

All things allowed in the Constitution are things that should not be outlawed.

(All) school prayer is a thing allowed in the Constitution

(All) school prayer is something that should not be outlawed.

7. Animals are not the same as human beings

Therefore, animals should not have the same rights as humans

First

AEE-2

All things that are the same as a human being is something that has the same rights as humans

No animal is the same as a human being

No animal is a thing that has the same rights as humans.

8. America is cleaning up its rivers and forests

Therefore, it will survive

First

BARBARA

All countries that are cleaning up its rivers and forests is a country that will survive.

(All) America is a country that is cleaning up its rivers and forests

(All) America is a country that will survive

9. A government takeover of the health care industry would cause a decline in the quality of care

Therefore, we should not let the government take over the health care industry

Second

CELARENT

No thing that causes a decline in the quality of care is something that should be done.

All government takeovers of the health care industry are things that will cause a decline in the quality of care

No government take over the health care industry is something that should be done.

10. No welfare program that does not stress work can be effective

And our welfare programs stress work

(Note: In the first premise, I converted the E statement, then used contraposition to get an A statement. The double negative made this easy.)

Third – BARBARA

All welfare programs that stress work are things that can be effective

Our welfare program is a welfare program that that stresses work

Our welfare program is something that can be effective

11. All proof must be convincing

Therefore, there is no proof that poverty causes crime

First (This is a difficult one.) CELARENT

No thing convincing shows that poverty causes crime

All proof is a thing that must be convincing.

No proof exists that poverty causes crime

12. If people are really concerned about their kids, they will avoid the public schools

And there are a lot of people avoiding the public schools

First, but a case could be made for Second. BARBARA with some creativity

All bad things are things that should be avoided by concerned parents

All public schools are bad things.

All public schools are things that should be avoided by concerned parents.

13. Any country that does not control its borders is destined for extinction

Therefore, America is destined for extinction

Second – BARBARA

Note: Many of you discovered that we can cheat a bit by embedding the negative into the term. The first sentence starts with “Any,” so we’ll make it an A statement. The term includes “does not control.”

All countries that don't control borders are destined for extinction.
America is a country that doesn't control borders.
America is destined for extinction.

14. When the size of government spins out of control, personal liberties are endangered
Therefore, our personal liberties are endangered

Second - BARBARA

All governments that are too large are things that endanger personal liberties.
The United States is a government that is too large.
Therefore, The United States is something that endangers our personal liberties.

13. Create three First Order enthymemes of your own.

+3

_____ Exercises Part 3.

14. Provide the missing premise and give the name of the syllogism (BARBARA, CELARENT, etc.)
for each of the enthymemes in question 12. Or, if the syllogism is invalid, say which of the seven rules from Book I it violates (Note that on the 5th syllogism in 12. the negated terms require you to use contraposition to get the correct major premise and obversion to yield the correct minor premise; the 10th argument will require the use of obversion in the major premise).

I forced most of the arguments to be valid. You probably came up with some different answers.

See above for my answers.

15. Create three Second Order enthymemes of your own.

Baboons are mean. Don't get a Baboon for a pet.

Baboons are mean animals
No mean animals are good pets.
No baboon is something that should be your pet.

Etc.

16. Do the following things with the given enthymemes:

1. Put each of the two premises or conclusion into proper logical form;
2. Supply the missing premise or conclusion;
3. Tell what kind of enthymeme it is (i.e. First, Second or Third Order);

4. Give the figure of the resulting complete syllogism;
5. Give the name of the mood (e.g. BARBARA, etc.).

"Does this place look like I'm married? The toilet seat's up, man!" Jeff Bridges as The Dude in The Big Lebowski.

EAE-2

Notice, this is hard to say "First, Second, etc." Questions imply premises, but they are not statements. So this one is both first and third.

No married man is one who lives where the toilet seat is up
The Dude is one who lives where the toilet seat is up.
(No) The Dude is a married man.

"You can trust me. Have I ever deceived you?"

Only the conclusion is present, because the other sentence is a question.

AAA-1

All people who don't deceive are trustworthy
I am a person who doesn't deceive.
I am a trustworthy person

He is an American citizen, so he is entitled to due process.

First AAA-1

All American citizens are people who are entitled to due process.
He is an American citizen
He is a person who is entitled to due process

_____ **Exercises Part 4. Read: Section titled, "Summary." Read it carefully.**

17 Take all the non-First Figure syllogisms you identified in question 12. and reduce them to the First Figure.

See answers in that section.

18. Create three Third Order enthymemes of your own.

19. Tell whether the following are true or false:

- | | | |
|---|---|--|
| T | F | An enthymeme is the most common argument form |
| T | F | All enthymemes are missing a conclusion. |
| T | F | A Third Order enthymeme is a syllogism that is missing a minor premise. |
| T | F | Enthymemes are missing one statement in the argument because the statement is logically unnecessary for the argument to be valid |