

Syllogism practice

First assignment: Complete the box for each syllogism 1-6.

Second assignment: Assess each syllogism (1-6) using the Venn diagram. Check with mood and figure.

Third assignment: For the invalid syllogisms, indicate which of the formal fallacies is present and explain why this fallacy applies. Write two syllogism of your own (7-8), one valid and one invalid.

1. Teens are not professional drivers. Some teens, however, are people who are good at simulated driving. Therefore, some people who are good at simulated driving are not professional drivers.

Major term:

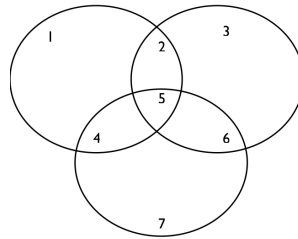
Minor term:

Middle term:

Mood:

Figure:

Validity prediction (valid/invalid):



Valid/Invalid:

Formal fallacy (if invalid)

2. There are bears that aren't brown. Bears are hibernating animals. Thus, there are hibernating animals that aren't brown.

Major term:

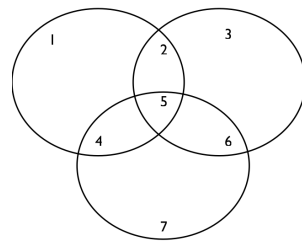
Minor term:

Middle term:

Mood:

Figure:

Validity prediction (valid/invalid):

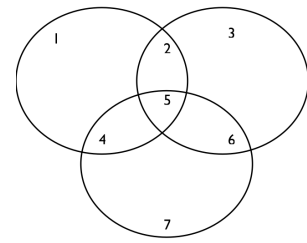


Valid/Invalid:

Formal fallacy (if invalid)

3. Minds calculate. Computers calculate. Therefore, minds are computers.

Major term:
Minor term:
Middle term:
Mood:
Figure:
Validity prediction (valid/invalid):

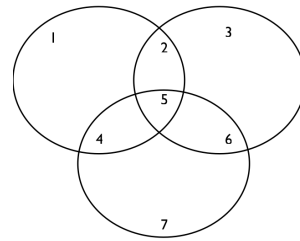


Valid/Invalid:

Formal fallacy (if invalid)

4. Exercising is good for you. Some activities are not exercising. So, some exercising is not good for you.

Major term:
Minor term:
Middle term:
Mood:
Figure:
Validity prediction (valid/invalid):

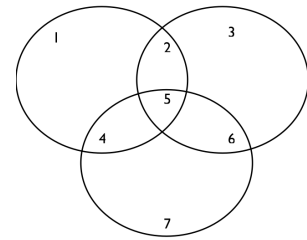


Valid/Invalid:

Formal fallacy (if invalid)

5. Catholics are not Muslims. Some Muslims are Shiite. Some Shiites are not Catholic.

Major term:
Minor term:
Middle term:
Mood:
Figure:
Validity prediction (valid/invalid):

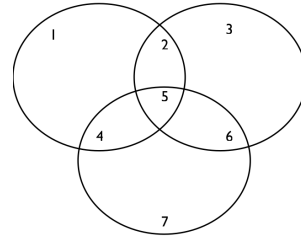


Valid/Invalid:

Formal fallacy (if invalid)

6. Starbucks serves coffee. Some coffee is decaf. So, Starbucks serves decaf coffee.

Major term:
Minor term:
Middle term:
Mood:
Figure:
Validity prediction (valid/invalid):



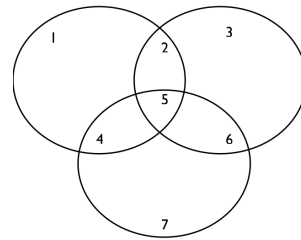
Valid/Invalid:

Formal fallacy (if invalid)

ADAPTED FROM : Arp, Robert; Watson, Jamie Carlin (2015-10-22). Critical Thinking: An Introduction to Reasoning Well (Kindle Locations 2710-2718). Bloomsbury Publishing. Kindle Edition.

7. Write a valid syllogism and assess

Major term:
Minor term:
Middle term:
Mood:
Figure:
Validity prediction (valid/invalid):

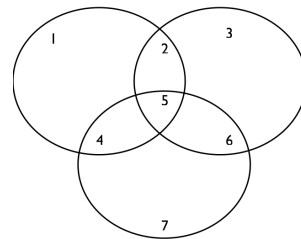


Valid/Invalid:

Formal fallacy (if invalid)

8. Write an invalid syllogism and assess

Major term:
Minor term:
Middle term:
Mood:
Figure:
Validity prediction (valid/invalid):



Valid/Invalid:

Formal fallacy (if invalid)