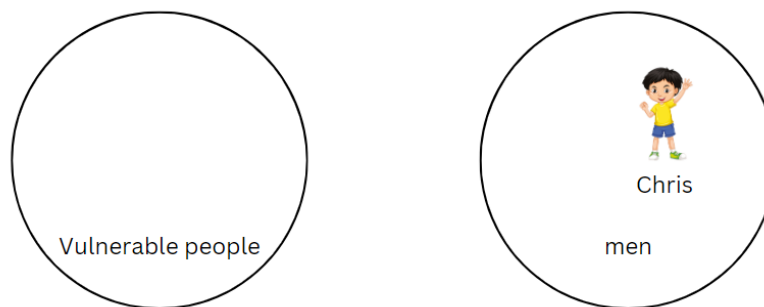


1) Answer: B

Explanation: Let us illustrate the given syllogism

No man is vulnerable
Cris is a man
Cris is vulnerable

No man is vulnerable can be illustrated by creating two separate circles for “vulnerable people” and “men.” Meanwhile, *Chris is a man* can be illustrated by putting “Chris” inside the “men” circle.

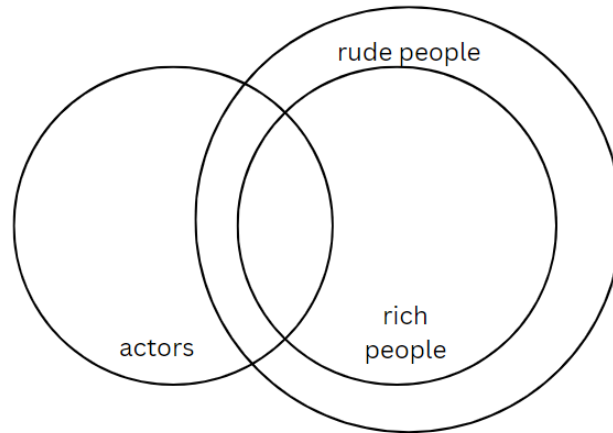


It's seen that Chris does not belong to the “vulnerable people” circle. This implies that the conclusion “Chris is vulnerable” is false.

2) Answer: C

Explanation: Let us illustrate the given syllogism to answer the question.

Some actors are rich
All rich people are rude
All actors are rich

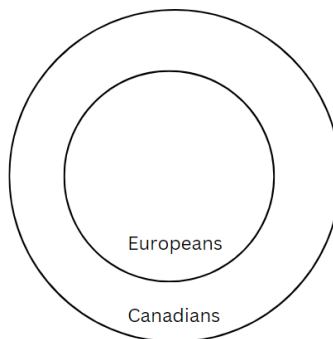


To illustrate *Some actors are rich*, we create two circles named “actors” and “rich people” that overlap, just like in a Venn diagram. To illustrate the minor premise *All rich people are rude*, we put the “rich people” circle inside a larger circle labeled “rude people.”

Based on the image above, it’s apparent that some portion of the “actors” circle belongs to the “rude people” circle. However, notice also that some portions of the “actors” circle are located outside the “rude people” circle. This means that the conclusion “All actors are rude” is not always true, nor is it always false. Hence, the truthfulness of this statement is uncertain.

3) Answer: C

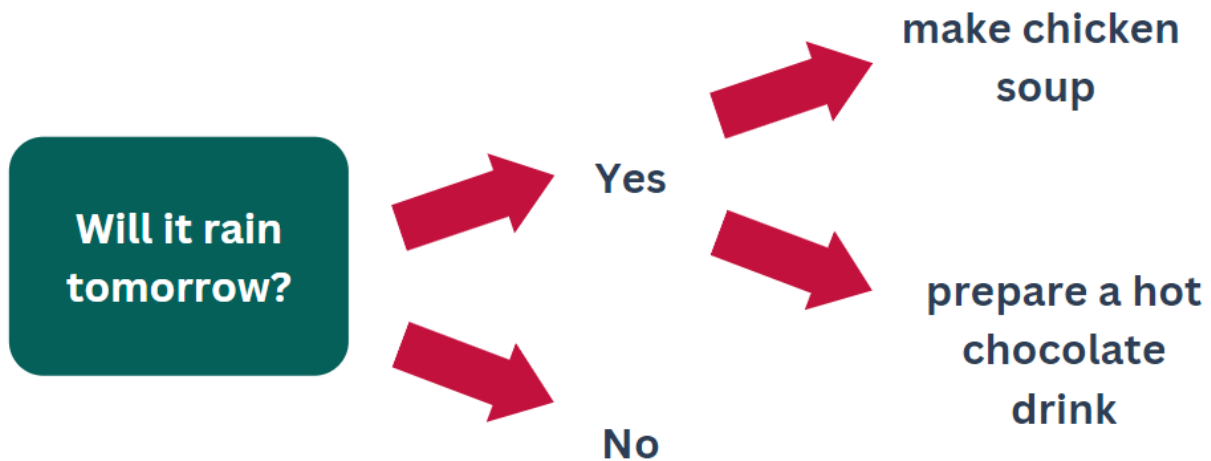
Explanation: Let us illustrate the major premise *All Europeans are Canadians*:



The minor premise of the syllogism states that *Sam is a Canadian*. Note that this premise does not specify to us whether Sam belongs inside the “European” circle or outside of it but is still contained by the “Canadians” circle. Hence, the truthfulness of the conclusion that *Sam is a European* is uncertain or cannot be determined.

4) Answer: A

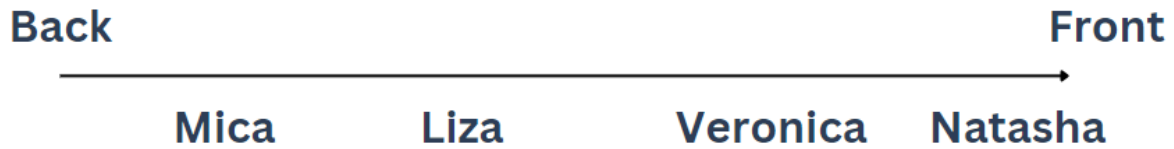
Explanation: We can easily answer this question by creating a diagram



Jonathan will not make chicken soup if he prepares a hot chocolate drink and it rains tomorrow.

5) Answer: B

Explanation: Let us illustrate the given problem to answer the question



It's clearly seen from our illustration above that Veronica is the third person from the back.