Standard Statements/Conclusions

Universal Statements

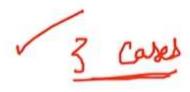
- All A are B
- Some A are B Particular statements
- No A are B
- Some A are not B¹

2 or more Conclusions

Venn diagrams.



Important Points



- ▶ Conclusion → All cases
- ▶ Probable Conclusion → At least one case



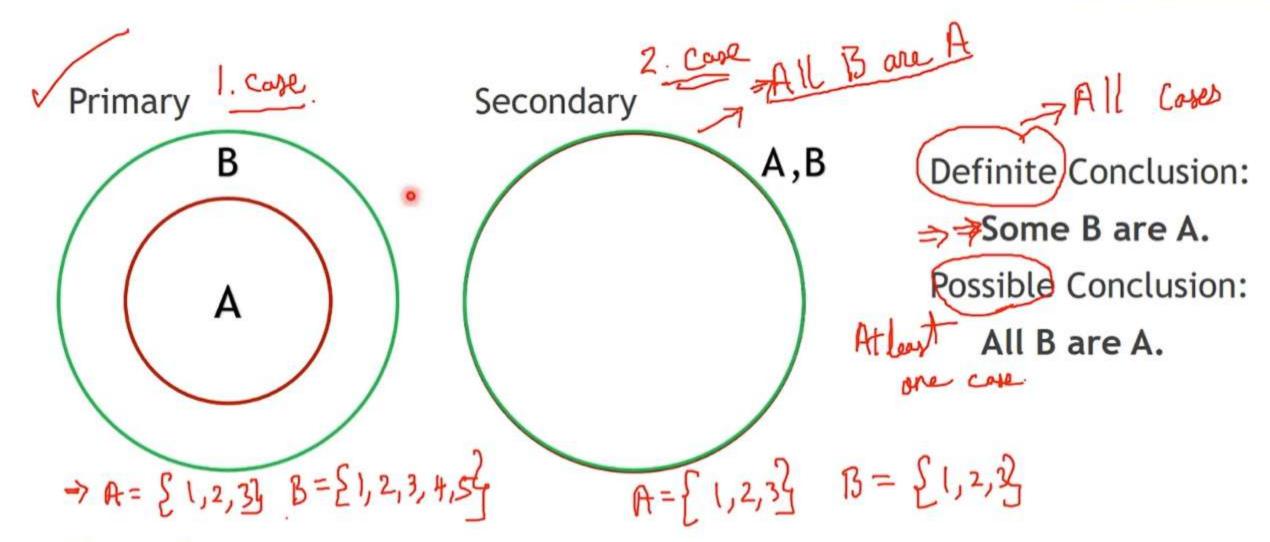




I. All A are B

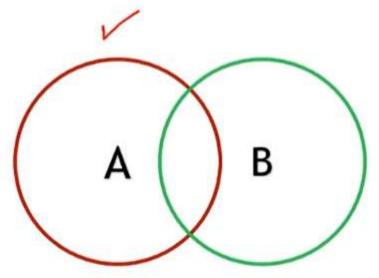
Venn diagram.

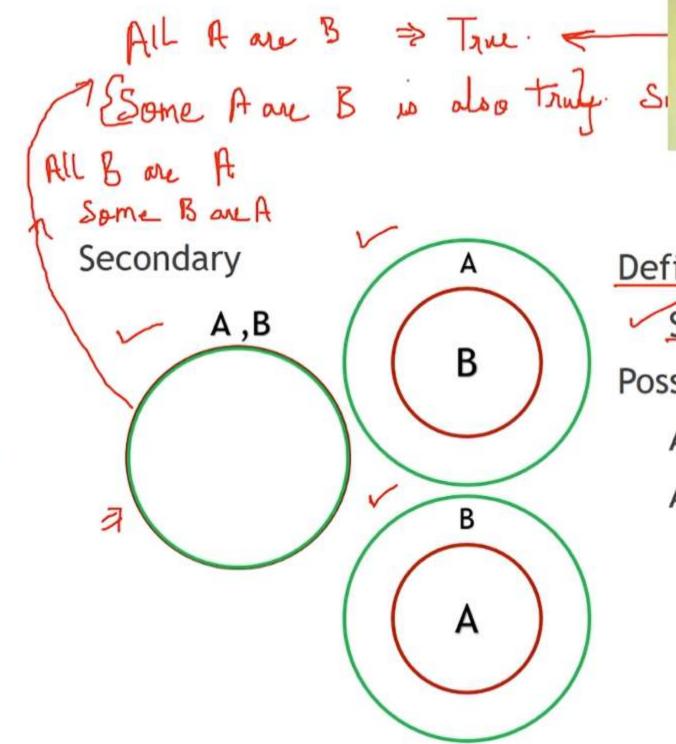




Some A are B

Primary





Definite Conclusion:

Some B are A.

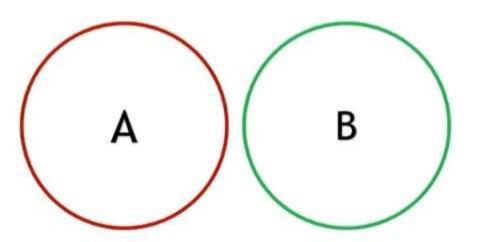
Possible Conclusion:

All A are B.

All B are A

No A are B > All A are B is true > Some A are B is true

Primary





true.

Definite Conclusion:

→No B are A.

Possible Conclusion:

Some B are not A.

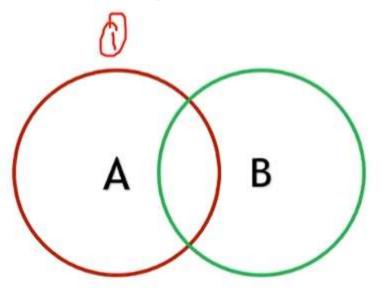
S Some A are not B.



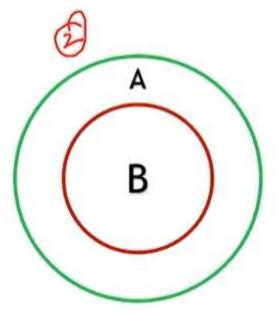
Some A are not B







Secondary



Definite Conclusion:

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Possible Conclusion:

- 3 Some B are not A.
- (i) Some A are B.
- Some B are A.
- All B are A.
- No A are B.
- No B are A.



Α

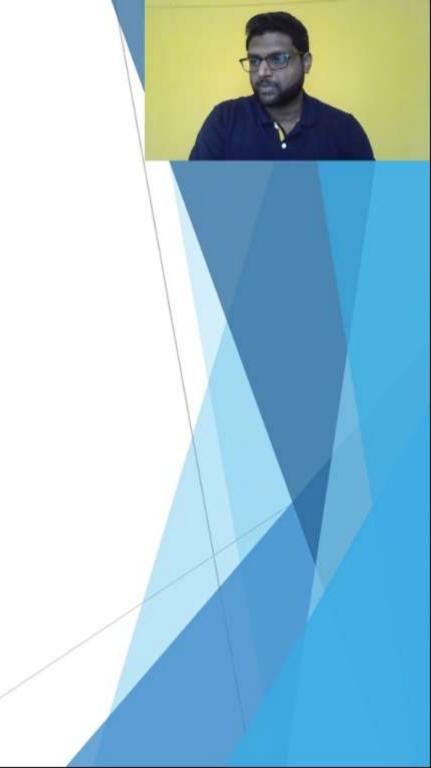


Counter-statements

Statements	Counter- statements
► All A are B	► Some B are A
Some A are B	Some B are A
No A are B	► No B are A







Some stools are chairs.

Some tables are chairs.

- I. Some stools are tables.
- II. No stools are tables.

- A. Only Conclusion I is true.
- B. Only Conclusion II is true.
- c. Both Conclusions I and II are true.
- D. Either Conclusion I or Conclusion II is true.





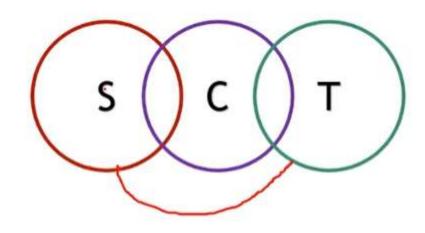


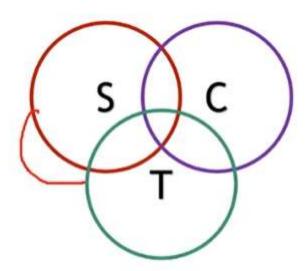




V. Some stools are tables.

ฟ้. No stools are tables.





Option D is true or II is true.

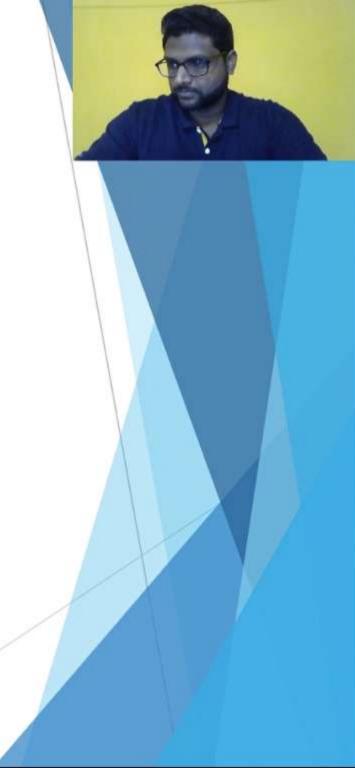
Statements:

Some stools are chairs.
Some tables are chairs.

All elephants are innocent animals.

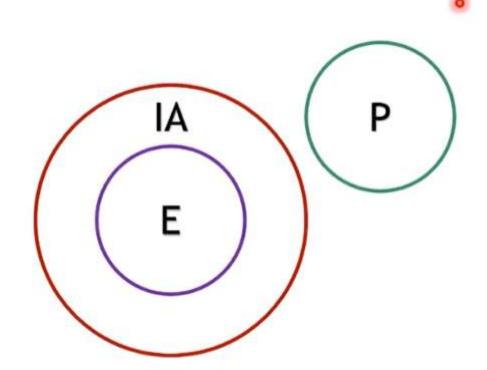
No innocent animals eat pineapple.

- I. Some innocent animals eat pineapple.
- II. Some elephants eat pineapple.
- A. Only Conclusion I is true.
- B. Only Conclusion II is true.
- Both Conclusions I and II are true.
- D. Neither Conclusion I nor Conclusion II is true.





- I. Some innocent animals eat pineapple.
- II. Some elephants eat pineapple.





Option D

Statements:

All elephants are innocent animals.

No innocent animals eat pineapple.

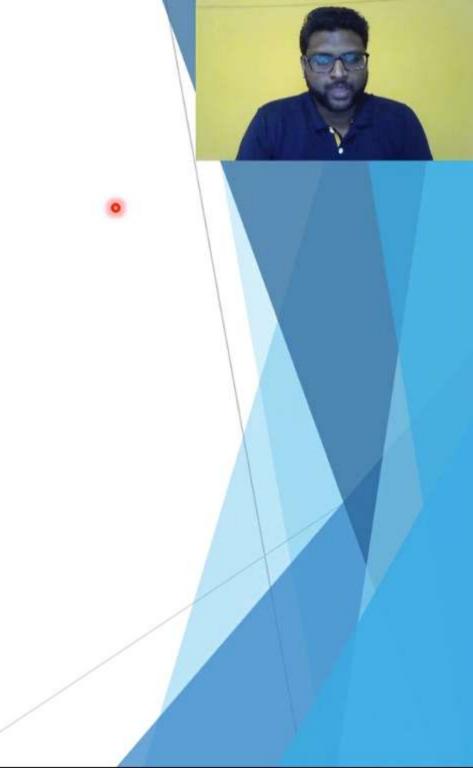


Some Sheep are Goats.

All Goats are Snails.

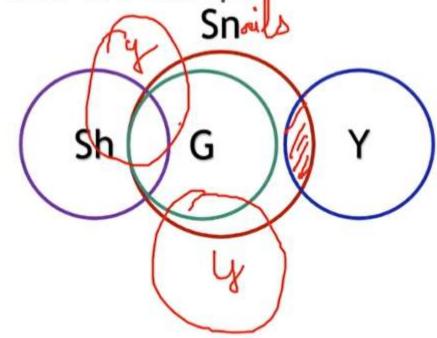
Some Snails are Yaks.

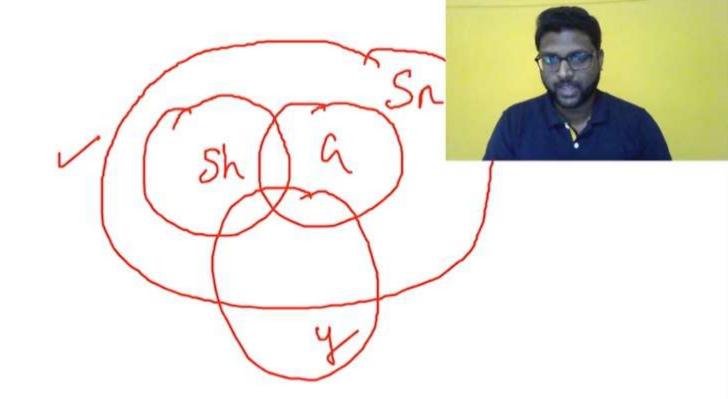
- I. Some Yaks are Goats.
- II. Some Snails are Goats.
- III. Some Snails are Sheep.
- IV. Some Yaks are Sheep.
- A. All follow
- B. Only II and III follow
- c. Only III follows





- I. Some Yaks are Goats.
- II. Some Snails are Goats.
- III. Some Snails are Sheep.
- IV. Some Yaks are Sheep.





Statements:

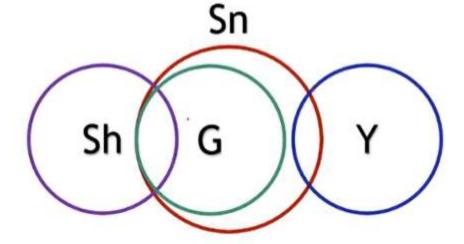
Some Sheep are Goats.

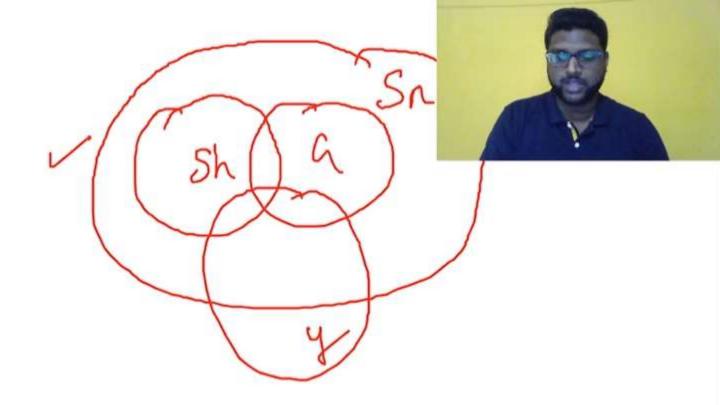
All Goats are Snails.

Some Snails are Yaks.



- I. Some Yaks are Goats.
- II. Some Snails are Goats.
- III. Some Snails are Sheep.
- IV. Some Yaks are Sheep.





Statements:

Some Sheep are Goats.

All Goats are Snails.

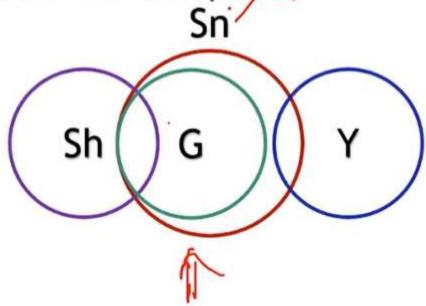
Some Snails are Yaks.

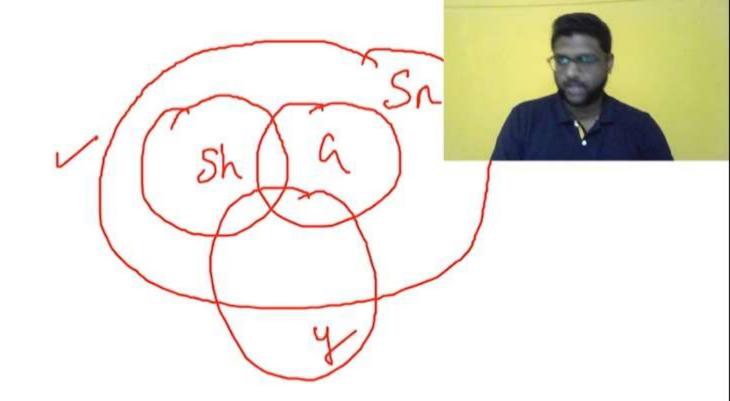
I. Some Yaks are Goats.

II. Some Snails are Goats.

III. Some Snails are Sheep.

IV. Some Yaks are Sheep. X





Statements:

Some Sheep are Goats.

All Goats are Snails.

Some Snails are Yaks.





Some Winners are Quitters.

All Quitters are Losers.

- I. All Winners could be Losers.
- II. A Quitter cannot be a Loser.
- A. Only Conclusion I is true.
- B. Only Conclusion II is true.
- c. Both Conclusions I and II are true.
- D. Neither Conclusion I nor Conclusion II is true.



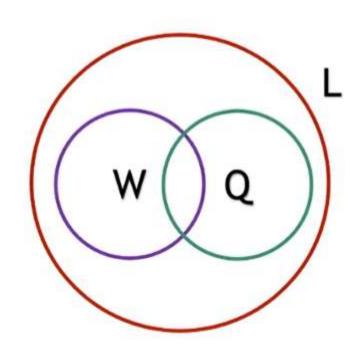


I. All Winners could be Losers. Parible

II. A Quitter cannot be a Loser. Definite

A. Only Conclusion I is





Statements:

Some Winners are Quitters.

All Quitters are Losers.