

Summary

Valid Arguments

1. Find the truth values for each statement in the hypothesis of the argument.
2. Combine all the statements in the hypothesis using “and” or “or” as the connector and determine those truth values.
3. Using the truth values from step 2, with the truth values of the conclusion; determine if the implication for each condition is true.

Remember:

For a conjunction to be true, both statements must be “True”.

The only time a disjunction is false is when both statements are “False”.

The only time an implication is false is when you have a “True” implying a “False”.