

Worksheet Exercise 1.5.

Review of Terms

Name _____

Class _____ Date _____

Part A. Determine whether the following assertions are true or false (use **T** or **F**). Remember, when these assertions talk of true or false premisses or conclusions that means premisses and conclusions that are true or false in the real world.

- ___ 1. All valid arguments have a correct connection.
- ___ 2. All valid arguments have only true premisses.
- ___ 3. All valid arguments have a true conclusion.
- ___ 4. All invalid arguments do not have a correct connection.
- ___ 5. All invalid arguments have some false premisses.
- ___ 6. All invalid arguments have a false conclusion.
- ___ 7. All sound arguments are valid.
- ___ 8. All sound arguments have only true premisses.
- ___ 9. All sound arguments have a true conclusion.
- ___ 10. All unsound arguments are invalid.
- ___ 11. All unsound arguments have some false premisses.
- ___ 12. All unsound arguments have a false conclusion.
- ___ 13. All proofs are known to be sound.
- ___ 14. All proofs have true premisses.
- ___ 15. All proofs are valid.
- ___ 16. All proofs have a conclusion that is true.
- ___ 17. All proofs have a conclusion that is a proven truth.
- ___ 18. All non-proofs are invalid.
- ___ 19. All non-proofs have some false premisses.
- ___ 20. All inconclusive arguments are not known to be sound.
- ___ 21. All inconclusive arguments are not known to be unsound.
- ___ 22. All inconclusive arguments are not proofs.
- ___ 23. All inconclusive arguments are invalid
- ___ 24. All inconclusive arguments have some false premisses.

Part B. For your consideration only. You should be able to back up your answers to Part A with examples. Also, if an assertion is false (**F**), consider whether changing the word "all" to "some" would make a difference.