Phil. 103: Introduction to Logic
Quiz 3: Truth, Validity, and Soundness

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Directions:
Carefully study statements 1-10 Decide whether each statement is true or false and write in the spaces provided the word “true” or the word “false” in accordance with your decision.

1. ________________ A sound argument is a valid deductive argument with true premisses.
2. ________________ All valid deductive arguments are sound arguments.
3. ________________ A deductive argument cannot be both valid and unsound.
4. ________________ An invalid deductive argument could have all true statements in it.
5. ________________ In a valid deductive argument the conclusion could be true or false.
6. ________________ A deductive argument could have a false premiss and still be sound.
7. ________________ If a deductive argument is sound, then the conclusion must be true.
8. ________________ When the premisses of a deductive argument are true, the conclusion is always true as well.
9. ________________ When the conclusion of a deductive argument is true, the argument must be sound.
10. ________________ A deductive argument can be either valid or invalid and still have true premisses.

NAME ____________________________