

Phil. 302: Ethics
Necessary and Sufficient Conditions

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1 Directions

Put a check mark next to the best answer to the following questions.

2 Necessary and Sufficient Conditions

1. Having some money is a _____ condition for having ten dollars.
 - (a) _____ contributing
 - (b) _____ necessary
 - (c) _____ sufficient
 - (d) _____ none of the above

2. Having an automobile is a _____ condition for going to Paris.
 - (a) _____ contributing
 - (b) _____ necessary
 - (c) _____ sufficient
 - (d) _____ none of the above

3. In the formula, "If x happens, then y always happens," x is said to be a _____.
 - (a) _____ contributing
 - (b) _____ necessary
 - (c) _____ sufficient
 - (d) _____ none of the above

2 NECESSARY AND SUFFICIENT CONDITIONS

4. Access to water is a _____ condition for growing plants.
- (a) _____ contributing
 - (b) _____ necessary
 - (c) _____ sufficient
 - (d) _____ none of the above
5. A factor which is indispensable and must have occurred if a specifiable state of affairs has occurred is called a _____ condition.
- (a) _____ contributing
 - (b) _____ necessary
 - (c) _____ sufficient
 - (d) _____ none of the above
6. This class is a _____ condition for living a life of excellence.
- (a) _____ contributing
 - (b) _____ necessary
 - (c) _____ sufficient
 - (d) _____ none of the above
7. Studying for tests is a _____ condition for doing well in a course.
- (a) _____ contributing
 - (b) _____ necessary
 - (c) _____ sufficient
 - (d) _____ none of the above

NAME _____