Hypothesis Checklist

I. Which of the following are true for a well-written hypothesis?	
1. A hypothesis must state the manipulated and responding variable	es. Yes/No
 A hypothesis attempts to answer the 'problem' that inspired the or research. A hypothesis that is proven wrong is meaningless and the experimental that the proven wrong is meaningless and the experimental that the proven wrong is meaningless and the experimental that the proven wrong is meaningless. A hypothesis is always written as a question. 	experiment Yes/No nent will Yes/No
5. A hypothesis must be written in testable terms.	Yes/No
*3	Yes/No
II. Identify the manipulated and responding variables in the following hypotheses.	
6. If I increase the amount of fertilizer used on a house plant, then the plant will grow larger that a plant with a constant amount of fertilizer because an increase in nutrients will cause the first plant to grow more rapidly. manipulated Variable	
7. If I put fenders on the wheels of a bicycle, then the rider will stay dry because the fenders will decrease the amount of water that splashed on the rider.	
manipulated variable responding variable	
8. If I decrease the amount of time spent studying for quizzes in somy scores on quizzes and tests will decline because I am less familian material. manipulated variable	with the