Hypothesis Generation Worksheet (Loosely based on McGuire, 1989)

The heart of a research paper is its hypothesis (or hy

ass tes var you	iting a hypothesis. A hypothesis is a prediction about the relationship between two or more variables. For now, name that there is a causal relationship between the two variables even if it would be impossible or unethical to ta causal hypothesis. This means that changing a person's score on one of the variables (the independent riable) would cause the person's score on the other variable (the dependent variable) to change. For example, a might say, "Increasing the amount of violent television that a person watches will cause that person to exhibit the aggressive behaviors."
3.	State a hypothesis
	Hypotheses are not mere guesses. Although there is never 100% certainty that a hypothesis is true, there a usually good reasons why the researcher believes that the hypothesis is true. It is very important to note why a reticular relationship is expected.
4.	Why does this relationship exist? Give a <u>short</u> theoretical explanation for this hypothesis.
var Fo wa	Often other variables are mentioned when explaining why a relationship exists. With many causal ationships, the relationship exists because changing the independent variable causes a change in a middle riable that causes the change in the dependent variable. This middle variable is called a "mediator variable." r example, you may believe that watching violent television causes people to believe that violence is an effective y to achieve one's goals and that this belief causes people to become violent. If this is the case, the extent to ich a person believes that violence is an effective way to achieve goals is a mediator variable.
5.	Think about a possible mediatior variable.
	A. Give it a label.
	B. Give a <u>short</u> explanation of why you believe that this variable is a mediator variable.

Once the variables are defined, the next step is to predict the relationship between these two variables by

example, it is possible that increasing the amount of violent television that a person watches would decrease the number of aggressive behaviors that that person exhibits. 6. State a hypothesis that predicts the opposite relationship of what you predicted in part 3. 7. Why do might this relationship exist? Give a short theoretical explanation of this new hypothesis. Frequently, researchers find the result they expected in one situation or for one group of people and find no relationship or the opposite of what they expected in a different situation (situational moderators) or for a different group of people (personal moderators). The variable that describes the difference between the two situations or the two groups of people is called a "moderator variable." For example, the amount of violent television that people watch may affect their level of aggression if they are younger than 14 years old, but not if they are older than 14 years old. In this situation, age would be a moderator variable. 8. Think about a possible moderator variable. A. Give it a label. _____ B. Briefly explain how you believe the relationship that you stated in part 3 would change depending on the value of the moderator variable. C. Give a short theoretical explanation of why you believe that this variable is a moderator variable.

It is not interesting to predict something so obvious that there is a certain or near certain chance that the

predicted result will occur. More interesting hypotheses have a possibility that the opposite would be true. For