

Name_____

Date_____

Per_____

Writing Hypotheses

A hypothesis is prediction of how one variable will affect a second variable. Hypotheses are based on background information and are logical explanation that can be tested.

Write a hypothesis for each of the following using the "if, then, because" format. MV=manipulated variable, RV=responding variable.

Definitions:

MV= _____

RV= _____

Example: MV=temperature outside
RV=amount of clothing worn

Hypothesis: **If the temperature outside is below freezing, then people will wear more clothing because they like to stay warm.**

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1. MV--amount of practice time
RV--number of goals scored in soccer

Hypothesis:

2. MV--corn maze difficulty
RV--number of people that find their way out

Hypothesis:

3. MV--quality of hot lunch at Hazelbrook
RV--students that will buy hot lunch

Hypothesis:

4. MV--number of students in the hallway
RV--number of tardies

Hypothesis:

5. MV--number of people using reusable bags for grocery shopping
RV--number of paper and plastic bags in landfill

Hypothesis:

6. MV--study time
RV--science test scores

Hypothesis:

7. MV-- _____
RV-- _____

Hypothesis:

8. MV-- _____
RV-- _____

Hypothesis:

9. MV-- _____
RV-- _____

Hypothesis:
