

★ DUE 10-5 ★ Name: _____

Identify Variables

1. Identify all of the variables in your experiment that need to be controlled or stay constant.

_____	_____	_____
_____	_____	_____
_____	_____	_____

2. What is the independent variable in your experiment? (What are you going to test?)

3. How are you going to manipulate this variable? (What will you be changing about it?)

4. What is the dependent variable in your experiment? (What will change as a result of your experiment?)

5. What tools do you need to use to measure your dependent variable? (stop watch, meter stick, thermometer, etc.) What units will you be using? (meters, liters, grams, etc.)

Form your Hypothesis

Write an If - then statement in the space below, thinking about the variables you identified. For example: If I do this (state your independent variable), then this will happen (state how your dependent variable will change).

If _____

then _____