

Writing Hypotheses Worksheet

Directions: Take the following variables and turn them into formal hypotheses.

1. Manipulated variable: length of paper helicopter blades Responding variable: rotational speed

Independent variable: _____ Dependent variable _____

Formal hypothesis: _____

2. Manipulated variable: length of string telephone Responding: clarity of sound

Independent variable: _____ Dependent variable _____

Formal hypothesis: _____

3. Manipulated Variable: baseball batting practice Responding: batting average

Independent variable: _____ Dependent variable _____

Formal hypothesis: _____

4. Manipulated: amount of gas bubbles Responding: number of raisin round-trips

Independent variable: _____ Dependent variable _____

Formal hypothesis: _____

5. Manipulated variable: temperature of solution Responding variable: dissolving time of powdered drink mix

Independent variable: _____ Dependent variable _____

Formal hypothesis: _____

6. Manipulated variable: depth of Lake Conroe Responding variable: water temperature

Independent variable: _____ Dependent variable _____

Formal hypothesis: _____
