

Hypothesis Under-Statement

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

Formal Hypothesis Format:

If [responding variable] is related to [manipulated variable], then [prediction] (with explanation).

1. Chocolate may cause pimples.

Manipulated variable: _____ Responding variable: _____

Formal hypothesis: _____

2. Salt in soil may affect plant growth.

Manipulated variable: _____ Responding variable: _____

Formal hypothesis: _____

3. Plant growth may be affected by the color of the light.

Manipulated variable: _____ Responding variable: _____

Formal hypothesis: _____

4. Bacterial growth may be affected by temperature.

Manipulated variable: _____ Responding variable: _____

Formal hypothesis: _____

5. Ultraviolet light may cause skin cancer.

Manipulated variable: _____ Responding variable: _____

Formal hypothesis: _____

6. If temperature may cause leaves to change color.

Manipulated variable: _____ Responding variable: _____

Formal hypothesis: _____
