

Name: _____

Period: _____

Science Worksheets

Write a Question for each of the following hypotheses, Identify the dependent and Independent variable for each.

1. If chocolate is given to teachers, then amount of homework will decrease
Does giving chocolate to teachers decrease the amount of homework?
Independent variable: **giving chocolate to teachers**
Dependent variable: **amount of homework**
2. If calcium is given, then bone strength will increase. **Does intake of calcium affect bone strength?**
Independent variable: **calcium intake**
Dependent variable: **bone strength**
3. If plants are watered, then growth height will increase.
What is the effect of watering plants on their growth height?
Independent variable: **watering plants**
Dependent variable: **growth height**
4. If trees have leaves, then bird nests will increase
Does the presence of leaves on trees affect the number of birds nests
Independent variable: **leaves on trees**
Dependent variable: **number of bird nests**
5. If acid rain is in water, then fish population will increase
Does acid rain in water affect the fish population?
Independent variable: **acid rain in water**
Dependent variable: **fish population**