

Designing an Experiment

Identify the Problem

Design an experiment to solve the following problem.

Hypothesis

Write a hypothesis that can be tested by a scientist.

Variables and Constants

Write the variable or variables if any apply. What factor or factors, if any, should be held constant?

Procedure

Write a procedure for an experiment that will test your hypothesis. Use another sheet of paper if needed.

Data

Note the types of data that should be collected from the experiment. Also, tell how the data might be organized, such as in a chart, graph, or diagram.
