

Name: _____

Date: _____

Parts of an Experiment Worksheet

Directions: Find the independent variable dependent variable control group, and experimental group in the following scenarios

A student wants to find out which kind of fish food will be most nutritious for fish. Normally, fish eat flakes. She tests 3 other types of food and records the weight of the fish daily

Independent Variable _____
Experimental Group(s) _____
Dependent Variable _____
Constants _____
Control Group _____

Rose bushes are grown in a different lighted areas of the classroom for two months. The number of flowers on each bush is counted at the end of the experiment.

Independent Variable _____
Experimental Group(s) _____
Dependent Variable _____
Constants _____
Control Group _____

A student waters three sunflower plants with salt water. Each plant receives a different amount of salt in its water. A fourth plant receives pure water with no salt After two weeks, the heights are measured.

Independent Variable _____
Experimental Group(s) _____
Dependent Variable _____
Constants _____
Control Group _____