

Commonly Tested Questions

Questions	Suggested Answer
The teacher said that the experiment was not a fair test. Explain why she said that.	There are two changed variables. In a fair test, there should have only one changed variable. In this experiment, the (constant variable) should be kept the same and only the (changed variable) is to be changed.
Why must keep Variable A the same?	Explain how Variable A will affect the result of the experiment if it is changed. It is to ensure that the (result of the experiment) is only due to the (changed variable) and not due to Variable A .
What is a control set-up for?	It is to compare and confirm that the (result of the experiment) is only due to the (changed variable) .
What is the aim of the experiment?	It is to find out if the (changed variable) affects the (result of the experiment) . It is to find out which (object) is the (property) . Example, it is to find out which magnet is the strongest/material is the most flexible.
What must Alex do to ensure that his results are reliable?	He must repeat the experiment at least three times and get the average reading.
Why did Alex repeat his experiment?	It is to ensure that the results of his experiment is reliable and consistent and to get average results. To reduce experimental errors, get average results and to ensure that the results are reliable.