



Sept. 23




In the best experiments, the scientist must be able to measure the values for each variable.

Example) Weight or mass is very easy to measure.


However, love cannot be measured.



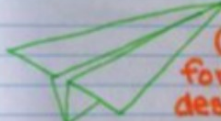
Variables



Independent:
size of paper




Dependent:
distance the plane flies



Controlled:
force of throw,
design, paper type

Independent	Dependent	Controlled
<ul style="list-style-type: none">what is being testedthe thing in an experiment that is changed	<ul style="list-style-type: none">resultchanges based on the independent variable	<ul style="list-style-type: none">things we keep the same



Air Plane Experiment

Record the number of block on the floor (The distance your plane travelled)

	Small Plane	medium Plane	Big Plane
Trial #1			
Trial #2			
Trial #3			