

NAME:

Variables Worksheet

1. In Tyler's experiment, he wanted to find out if a cart would go down the ramp quicker if it was empty or with a 600 gram weight inside.

Independent Variable:

Dependent Variable:

Controls:

Problem Statement:

2. Sarah thought that if the nose of a paper airplane was weighted with 5 paperclips, it would fly further down the hall. She decided to test her hypothesis by testing the airplane with 1, 2, 3, 4 and then 5 paperclips.

Independent Variable:

Dependent Variable:

Controls:

Control (group) Trial:

Problem Statement:

3. El Slobbo went to clean up the milk that it had spilled. It didn't do a very good job. It wanted to know if paper towels, tissues or toilet paper were more absorbent...

Independent Variable:

Dependent Variable:

Controls:

Problem Statement:

4. When Hector had a bad stomach ache, his mom gave him some alka seltzer tablets.. He wondered whether the tablets would dissolve faster in hot or cold water.

Independent Variable:

Dependent Variable:

Controls:

Problem Statement:

5. Use the data table below to fill in the questions below it:

Type of Ball	Drop Height (m)	Rebound Height (m)
Baseball	2	.45
Basketball	2	1.4
Tennis ball	2	1.1
Golf ball	2	.90

Independent Variable:

Dependent Variable:

Controls:

Problem Statement:

6. Use the graph below to fill in the questions below it:

Independent Variable:

Dependent Variable:

Controls:

Problem Statement:

