

Name:

Number:

Date:

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# Designing a Measurement Lab

## Pre-Lab

1. What can we measure on the different balls? Make a list of as many things as possible.

2. Identify each of the following (there may be more than one):

Independent Variables

Dependent Variables

Control Variables

## Purpose

Write down one sentence explaining the purpose of the lab that includes all the independent and dependent variable.

## Procedure

Materials:

- two different balls
- one meter stick

When you're ready to start the experiment:

1. Drop the ball
2. Stand back and watch how high the ball bounces
3. Record the Data.

Name: \_\_\_\_\_ Number: \_\_\_\_\_ Date: \_\_\_\_\_

## Data

### Experiment #1

Constant(s): \_\_\_\_\_

Drop Height (cm)	Bounce Height (cm)			
	Trial #1	Trial #2	Trial #3	Average

### Experiment #2

Constant(s): \_\_\_\_\_

Drop Height (cm)	Bounce Height (cm)			
	Trial #1	Trial #2	Trial #3	Average