

Name: _____

Date: _____ Core: _____

Designing an Experiment and Measuring Data

Variables

We call the parts of an experiment that can change _____

There are three different types of variables

1.

2.

3.

_____ variables are tested but we **CANNOT** change them over the course of the experiment

○ Ex.

_____ variables go on the _____ axis

_____ variables are tested but we **CAN** change them over the course of the experiment

○ Ex.

_____ variables go on the _____ axis

Controls are things we _____ throughout an experiment so that they do not affect results

○ Ex.

Measuring and Estimating

Measuring Mass

Mass is _____.

The more mass an object has the _____ it is.

Mass is mostly measured in _____ and _____

Measuring Length

Length is _____.

The _____ distance between ends of an object the longer the object is.

Name: _____

Date: _____ Core: _____

Length is mostly measured in _____ and _____

Measuring Volume

Volume is _____.

Typically the _____ the object the _____ the volume

Volume is commonly measured in _____ and _____