

Name _____

Observing & Identifying Matter



Background Information: Matter is anything that has **MASS** and **VOLUME**. Mass is the amount of matter in an object, which we usually measure in grams or kilograms. Volume is the amount of space the matter occupies. Mass and volume can be used to describe matter. Matter can also be described in many other ways as well.

Problem: To describe matter.

Materials:

Cookie in a plastic bag Triple beam balance Ruler Map pencils

Procedure:

1. Observe and list 10 different descriptions of your cookie including Mass.

| | | | | |
|---|---|---|---|----|
| 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 |

DO NOT TAKE THE COOKIE OUT OF THE BAG!!
DO NOT CHANGE THE COOKIE IN ANY WAY!!

3. Properties are characteristics that describe matter. ***PHYSICAL PROPERTIES*** are any characteristics of a material, such as state, color, and volume, which can be observed or measured without changing or attempting to change the material. ***List 5 physical properties matter:***

4. List 5 physical properties of *your cookie*:

