

Name: _____

Date: _____

Matter

- Which of the following defines matter?
 - anything without mass
 - anything with mass and takes up space
 - anything with mass but doesn't take up space
 - anything without mass and doesn't take up space
- _____ is the measure of how much matter an object has.
 - Weight
 - Gravity
 - Mass
 - Speed
- Hardness, shape, color, texture, and size are all _____ of matter.
 - properties
 - areas
 - liquids
 - gases
- This measurement is the amount of matter that occupies a given space.
 - length
 - area
 - density
 - volume
- Which of the following is a physical property of an element?
 - color
 - ability to rust
 - flammability
 - ability to tarnish
- All of the following are physical properties except _____.
 - color
 - density
 - melting point
 - flammability
- Which of the following is an example of a chemical change?
 - melting butter
 - mixing milk and chocolate syrup
 - breaking glass
 - burning fuel
- Which of the following is an example of a physical change?
 - Mixing baking soda and vinegar together causing bubbles and foam.
 - A glass cup falls from the counter and shatters on the ground.
 - Lighting a piece of paper on fire and the paper burns up and leaves ashes.
 - Baking a birthday cake for your mother.
- If a green ball is denser than a white ball of the same size, the green ball has
 - less volume.
 - more volume.
 - more matter taking up the same space.
 - less matter taking up the same space.
- What is the difference between mass and weight of a body?