

Due Date:

Preview of Section 2.1 “Classifying Matter”

Name: _____

Define the following vocabulary:

- Matter
- Element
- Atom
- Molecule
- Compound
- Pure Substance
- Mixture

Write down 2 things from the following sections:

- What is Matter?
 - Elements
 - Elements are represented by symbols.
 - Atoms that make up a molecule act as a unit.
- Compounds
 - Compounds have unique properties.
 - Chemical formulas represent compounds.

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- Pure Substances and Mixtures
 - Mixtures are classified by how well the substances mix.
 - Gases can mix with liquids.

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Preview of Section 2.2 "Properties of Matter"

Name: _____

Define the following vocabulary:

- Melting Point
- Boiling Point
- Density
- Reactivity

Write down 2 things from the following sections:

- Physical Properties
 - Physical properties can help identify substances.
 - Physical properties can be observed or measured.
 - Physical properties help determine uses.
 - Density is a physical property.
 - Density is different from weight.
- Chemical Properties
 - Flammability is a chemical property.
 - Reactivity is a chemical property.
 - Physical and chemical properties are different.

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Preview of Section 2.3 “Changes of Matter”

Name: _____

Define the following vocabulary:

- Physical Change
- Chemical Change

Write down 2 things from the following sections:

- Physical Changes
 - Physical changes do not change a substance’s identity.
 - Dissolving is a physical change.
- Chemical Changes
 - Chemical changes happen everywhere.
 - Chemical changes form new substances.
 - Chemical changes can be detected.
 - Chemical changes cannot be reversed by physical changes.
- Breaking Down Mixtures and Compounds
 - Mixtures can be physically separated.

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- Some compounds can be broken down through chemical changes.