

Name: _____ Pd: _____ Date: _____

Matter, Elements, Mixtures and Compounds Summarizer

Directions: Read each question and circle the correct answer.

1. What is matter?

- a. The measure of how heavy or light something is for its size
- b. Anything that has mass and volume and takes up space
- c. The force of gravity on an object's mass

2. Which of the following is a characteristic of mixtures?

- a. Mixtures can only be in solid form
- b. Substances that are mixed together retain (keep) their properties
- c. You can always see the different parts of a mixture

3. What type of combination is a mixture?

- a. Chemical
- b. Physical

4. Which of the following cannot be broken down into simpler parts?

- a. Compound
- b. Element
- c. Mixture

5. What can you find on the Periodic Table

- a. The chemical formula for salt
- b. Compounds found in the universe
- c. Elements that have been discovered

6. What needs to occur in order for elements to form a compound?

- a. An atomic reaction
- b. A physical reaction
- c. A chemical reaction