

Name _____ Date _____

Sections 2.1 and 2.4 Review

Part A-True or False

Classify each statement as always true, AT, sometimes true, ST, or never true, NT.

- _____ 1. A physical change can be reversed.
- _____ 2. In a chemical reaction, reactants are changed into products.
- _____ 3. The amount of matter present appears to change during a chemical reaction.
- _____ 4. Matter can be created during a chemical reaction.
- _____ 5. The substances formed in a chemical reaction are called reactants.
- _____ 6. Heating a chemical compound produces elements.
- _____ 7. Compounds can be broken into elements by physical means.
- _____ 8. An element is the simplest form of matter that has a unique set of properties.
- _____ 9. Compounds are represented by chemical formulas.

Part B-Questions

10. What are the possible clues to a chemical change?

11. Classify each substance as an element or a compound:

- a. Water _____
- b. Oxygen _____
- c. Table salt _____
- d. Sucrose _____
- e. Gold _____