



Name: _____
Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet
Elements – Metals and Nonmetals

A. Directions: Read and analyze each test item carefully. Circle the letter of the correct answer.

1. Which of the following correctly describes pure substances?
 - A. All pure substances can be decomposed into their simplest form.
 - B. Pure substances are materials that have distinct characteristics.
 - C. Pure substances like compounds have varying chemical compositions.
 - D. Elements and compounds are pure substances that are hard to identify.
2. Which of the following is NOT a property of a metal?
 - A. ductility
 - B. insulator
 - C. luster
 - D. malleability
3. Which of the following statements does NOT describe a compound?
 - A. It has a fixed chemical composition.
 - B. It is made up of two or more elements.
 - C. It contains an indefinite number of atoms.
 - D. Its components can be separated by a chemical change.
4. Which does NOT belong to the group?
 - A. aluminum
 - B. carbon
 - C. iron
 - D. potassium
5. Which of the following is TRUE about nonmetals?
 - A. They are generally solid.
 - B. They have a high melting point.
 - C. They have silvery or grayish luster.
 - D. They are poor conductors of heat and electricity.

B. Directions. Classify each of them by writing **M** for metal or **NM** for nonmetal. Write your answer in the blank.

- | | |
|-------------------|--------------------|
| ____ 1. carbon | ____ 6. iron |
| ____ 2. bromine | ____ 7. phosphorus |
| ____ 3. manganese | ____ 8. iodine |
| ____ 4. radium | ____ 9. helium |
| ____ 5. xenon | ____ 10. platinum |