

Name: AME #5 CHEMISTRY Date: _____

Chapter 1: What Are Elements?: *Element, Compound, or Mixture*

Directions: Use the periodic table to identify the following substances as elements, compounds, or mixtures. Place the correct letter on the blank next to each substance.

E. Elements

C. Compounds

M. Mixtures

- _____ 1. Gold
- _____ 2. Salad Dressing
- _____ 3. Aluminum Cans
- _____ 4. Salt
- _____ 5. Water
- _____ 6. Seawater
- _____ 7. Vinegar
- _____ 8. Wood
- _____ 9. Rocks
- _____ 10. Plastic

- _____ 11. Paper
- _____ 12. People
- _____ 13. Coins
- _____ 14. Ammonia
- _____ 15. Air
- _____ 16. Soap
- _____ 17. Soup
- _____ 18. Silver
- _____ 19. Milk
- _____ 20. Copper

Directions: Make a list of five additional items that are familiar to you in each category of matter shown below.

Elements

Compounds

Mixtures

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____

Directions: Study the periodic table and make the following lists of elements.

Gases

Transition Metals

Nonmetals

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____