



Please circle the letter for the correct answer for the questions on this page.

1. Sodium is a(n) ____.
 - a. Alkaline earth metal
 - b. Chalcogen
 - c. Pnictogen
 - d. Noble gas
 - e. Alkali metal

2. The elements on the modern periodic table are arranged in order of ____.
 - a. Mass number
 - b. Neutron number
 - c. Atomic number
 - d. Size
 - e. Atomic mass

3. Dry ice (solid carbon dioxide) is a(n) ____.
 - a. Compound
 - b. Element
 - c. Homogeneous mixture
 - d. Heterogeneous mixture
 - e. Mysterious mixture

4. Which of the following is a chemical property of copper?
 - a. Copper turns green when exposed to air.
 - b. Copper is a solid at room temperature.
 - c. Copper is a soft metal.
 - d. Copper conducts heat well.
 - e. Copper is used in coins.

5. A pure substance that cannot be decomposed by chemical methods is called ____.
 - a. An element
 - b. Divisible
 - c. A homogeneous mixture
 - d. An ion
 - e. A dimer

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6. Vertical columns of the periodic table are called ____.
- Rows or Periods
 - Families or Groups
 - Metals
 - Nonmetals
 - Metalloids
7. Which of the following materials is a pure substance?
- sugar (sucrose)
 - iodized salt
 - milk
 - window cleaner
 - household bleach
8. Gold (Au) is classified as a:
- Element
 - Compound
 - Heterogeneous mixture
 - Homogeneous mixture
9. Water (H₂O) is classified as a:
- Element
 - Compound
 - Heterogeneous mixture
 - Homogeneous mixture
10. The symbol for sodium is:
- Sm
 - S
 - So
 - N
 - Na