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Atoms, Elements, Periodic Table, and Bonding Study Guide

1. In a neutral atom, the number of protons equals the number of electrons.
2. In general, which of the following statements about metals is true?
 - a. Metals need to be stored in sealed containers for safety.
 - b. Metals are malleable, ductile, and are good conductors.
 - c. Metals are highly reactive substances.
 - d. Metals do not react with oxygen.
3. Which of these statements about a column of the periodic table is true?
 - a. The elements have similar characteristics.
 - b. The elements have a wide range of characteristics.
 - c. The elements have the same atomic number.
 - d. The elements have the same atomic mass.
4. Which particles in an atom have a negative charge? electrons
5. The elements that do not ordinarily form compounds are noble gases.
6. Which elements have some properties of metals and some properties of nonmetals? metalloids
7. Elements that easily transmit electricity and heat are said to be good conductors.
8. The property of an element that indicates the number of protons in its atoms is the atomic number.
9. Each element is given a specific chemical symbol that usually consists of one or two letters.

Atoms And Bonding Assessment Study Guide

Michael Seilmaier



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