

Physical Science: Element Worksheet

Name _____ Date _____

Multiple Choice

- _____ 1. Mendeleev arranged the elements in his periodic table in order of...
a. atomic number
b. number of electrons
c. mass
d. number of neutrons
- _____ 2. Mendeleev's decision to leave gaps in his periodic table was supported by the discovery of...
a. electrons
b. protons
c. argon
d. gallium
- _____ 3. In Mendeleev's periodic table, elements with similar properties were grouped...
a. in the same row
b. in pairs of two
c. in the same column
d. along diagonal lines that run from left to bottom right
- _____ 4. Which of the following is not a characteristic of metals?
a. ductile
b. typically solid at room temp.
c. good conductors of electricity
d. brittle
- _____ 5. The elements from group 2 on the periodic table are called...
a. Halogens
b. Alkaline Earth Metals
c. Alkali Metals
d. Noble Gases
- _____ 6. Why do elements in a group have similar chemical properties?
a. They have the same number of valence electrons.
b. They have the same ratio of protons to neutrons.
c. Their atomic masses are multiples of the least massive element of the group.
d. They have the same number of total electrons.
- _____ 7. How many periods does the modern periodic table have?
a. 5
b. 7
c. 10
d. 18
- _____ 8. Which elements are all gases at room temp. (25° C)?
a. Group 1
b. Group 7
c. Group 8
d. Group 18
- _____ 9. The most reactive metals are the...
a. Transition metals
b. Alkali metals
c. metalloids
d. Noble gases
- _____ 10. An element that is shiny and conducts electricity is likely to be a...
a. Gas
b. metalloid
c. liquid
d. metal
- _____ 11. Moving up and down (vertically) on the periodic table would represent which of the following best?
a. Group
b. Family
c. Period
d. A and B

Physical Science Element Answer Key

Chao Zhang



Physical Science Element Answer Key:

Physical Science Element Answer Key Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is actually remarkable. This extraordinary book, aptly titled "**Physical Science Element Answer Key**," compiled by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound affect our existence. Throughout this critique, we shall delve into the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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