DoodleBeez Worksheets

Grades 6 to 8 | Science

Name: Date: Score: / 8

The Periodic Table: Learn and Practice

Rows, columns and families of elements

Read each question. Circle the best answer.

💡 The Periodic Table

- The periodic table lists every known element in order of atomic number.
- Rows are called periods and columns are called groups.
- Elements in the same group have similar properties.
- sodium and potassium share a column: similar reactions with water

1 👨‍🔬 Which scientist is famous for arranging an early periodic table in 1869?

A. Dmitri Mendeleev B. Charles Darwin C. Gregor Mendel D. Isaac Newton

2 Elements in the same group usually have what in common?

A. The same discovery year
B. Similar chemical properties
C. Exactly the same mass D. The same color

3 What are the horizontal rows of the periodic table called?

A. Compounds B. Periods C. Groups D. Mixtures

4 What are the vertical columns of the periodic table called?

A. Orbits B. Periods C. Molecules D. Groups

5 🎈 Helium, neon and argon sit in the last group. What are they called?

A. Metalloids B. Alkali metals C. Noble gases D. Halogens

6 Elements on the periodic table are placed in order of which number?

A. Atomic number B. Year discovered C. Alphabetical order D. Mass in kilograms

7 Lithium, sodium and potassium belong to which family?

A. Transition metals B. Alkali metals C. Halogens D. Noble gases

8 What does the atomic number of an element tell you?

A. Its melting point B. Number of molecules C. Its color D. Protons in each atom

ANSWER KEY

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