

Periodic Table Quiz PDF

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Which of the following is a noble gas?

- Helium
- Hydrogen
- Carbon
- Nitrogen

Which elements have their outermost electrons in the p-block? (Select all that apply)

- B
- Carbon
- Nitrogen
- Calcium

Which elements are known for their high reactivity with water? (Select all that apply)

- Sodium
- Potassium
- Calcium
- Magnesium

Which of the following elements are transition metals? (Select all that apply)

- Iron
- Copper
- Zinc
- Calcium

Which element is the lightest?

- Helium
- Lithium

- Hydrogen
- Beryllium

Which element is known for its role in photosynthesis?

- Carbon
- Oxygen
- Nitrogen
- Chlorophyll

Which element is commonly used in making computer chips?

- Silicon
- Gold
- Copper
- Silver

Which element has the highest atomic number?

- Hydrogen
- Uranium
- Helium
- Oganesson

Which element is a liquid at room temperature?

- Mercury
- Iron
- Lead
- Zinc

Which of the following are halogens? (Select all that apply)

- Fluorine
- Chlorine
- Iodine
- Neon

Describe the significance of Henry Moseley's contribution to the Periodic Table.

How has the discovery of synthetic elements impacted the modern Periodic Table?

Explain why the symbol for Lead is Pb.

Describe the general properties of metalloids and provide two examples.

Discuss how ionization energy changes across a period and why.

Explain why elements in the same group have similar chemical properties.

Which of the following are considered metalloids? (Select all that apply)

- Silicon
- Germanium
- Arsenic
- Tin

What is the symbol for the element Oxygen?

- O
- Ox
- Oy
- Om

Which group contains the alkali metals?

- Group 1
- Group 2
- Group 17
- Group 18

Which elements are in the same period as Sodium? (Select all that apply)

- Magnesium
- Aluminum
- Silicon
- Argon