

Periodic Table Of Elements First 20 Quiz PDF

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Which elements have a full outer electron shell? (Select all that apply)

- Helium
- Neon
- Argon
- Chlorine

Which elements are part of the halogen group? (Select all that apply)

- Fluorine
- Chlorine
- Argon
- Bromine

Which element has the atomic number 1?

- Helium
- Hydrogen
- Lithium
- Oxygen

What is the chemical symbol for Sodium?

- S
- Na
- So
- N

What are the common uses of Silicon in everyday life and technology?

How does the atomic radius change as you move across a period from left to right?

Explain the trend in electronegativity among the first 20 elements and its implications for chemical reactivity.

What is the state of matter of Chlorine at room temperature?

- Solid
- Liquid
- Gas
- Plasma

Which element is a noble gas?

- Nitrogen
- Oxygen
- Neon

Carbon

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

- Lithium
- Sodium
- Potassium
- Calcium

Which element is essential for the formation of water?

- Helium
- Hydrogen
- Neon
- Argon

Which element is known for forming diamonds?

- Silicon
- Carbon
- Boro
- Aluminum

Which element has the highest atomic mass among the first 20 elements?

- Calcium
- Potassium
- Argon
- Sulfur

Which element is found in Group 2 of the Periodic Table?

- Helium
- Beryllium
- Boro
- Carbon

Discuss the role of Calcium in biological systems.

Describe the electron configuration of Carbon and its significance in chemical bonding.

Explain why helium is considered a noble gas.

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

- Carbon
- Nitrogen
- Oxygen
- Aluminum

Which elements are gases at room temperature? (Select all that apply)

- Oxygen
- Nitrogen
- Magnesium
- Argon

Which elements are found in the second period of the Periodic Table? (Select all that apply)

- Lithium
- Beryllium
- Boron
- Sodium