

D) $\text{Be} < \text{B} < \text{C} < \text{Li}$

8. Which element is a metalloid?

- A) Sulfur (S)
- B) Silicon (Si)
- C) Chlorine (Cl)
- D) Iron (Fe)

9. What is the charge of an ion that has gained two electrons?

- A) +2
- B) -1
- C) -2
- D) +1

10. The element with the symbol Fe belongs to which block in the periodic table?

- A) s-block
- B) p-block
- C) d-block
- D) f-block

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Quiz 2: Chemical Bonding and Molecular Structure

1. Which of the following is NOT a type of chemical bond?

- A) Ionic bond
- B) Covalent bond
- C) Hydrogen bond
- D) Magnetic bond

2. What is the formula for potassium chloride?

- A) KCl
- B) K_2Cl
- C) KCl_2
- D) K_2Cl_2

3. Which of the following molecules is polar?