

Atoms and Bonding ▪ 5.4 Review and Reinforce

Bonding in Metals

Understanding Main Ideas

Answer questions 1–4 in the spaces provided.

1. What are the properties of metals?

2. What is an alloy?

3. What does the phrase “sea of electrons” describe?

4. An attraction between a positive metal ion and the electrons surrounding it is called a(n) _____.

Use the diagram below to answer questions 5–7 in the spaces provided.

5. What do points a and b represent?

6. What action is modeled by the diagram?

7. How does metallic bonding explain the result at point c?

