



IONIC AND METALLIC BONDING

Chapter Test A

A. Matching

Match each term with its correct definition. Write the letter of the definition that best matches the term.

Column A

1. a. electron transfer
2. a. group compound
3. a. ionic bonding
4. a. ionic bond
5. a. ionic compound
6. a. substrate
7. a. alloy
8. a. anion
9. a. cation
10. a. ionic lattice
11. a. ionic compound
12. a. ionic bond

Column B

13. a. an ionic compound that is formed by the transfer of electrons
14. a. the electron transfer process responsible for ionic bonding
15. a. the transfer of electrons between two regions
16. a. the transfer of electrons for positive reactions
17. a. a group of related metals having chemical properties
18. a. ionic bonding mechanism
19. a. an ionic compound
20. a. a metal compound formed using two different elements
21. a. a metal compound that is formed by the transfer of electrons
22. a. a metal compound formed by the transfer of electrons
23. a. a metal compound that is formed by the transfer of electrons

B. Multiple Choice

Choose the letter that best describes each metal ion.

24. a. a metal ion that is formed by the transfer of electrons
25. a. a metal ion that is formed by the transfer of electrons
26. a. a metal ion that is formed by the transfer of electrons
27. a. a metal ion that is formed by the transfer of electrons

Ionic And Metallic Bonding Answer Key Chapter Test A

Charles H. Heimler



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