

Chapter 21 Study Guide

1. Know all the properties of ionic and covalent compounds.
2. What type of compound increases the number of H^+ ions when dissolved in water?
3. What type of compounds are composed of molecules?
4. If a compound is a gas at room temperature, what type would it be?
5. What happens if an acid reacts with a base?
6. How are ions in an ionic compound arranged?
7. What type of compounds share electrons?
8. Which type of compounds conduct electricity when dissolved in water?
9. What type of compound is the most soluble in water?
10. What does an increase in H^+ ions do to the pH of a solution?
11. What types of elements are involved in ionic compounds?
12. What happens when acids react with metals?
13. Know the pH scales for acids, neutral, and bases.
14. What does pH measure?
15. What happens when a base is dissolved in water?
16. Describe a strong and weak acid.
17. Describe a strong and weak base.