

Guided Reading Chapter 21 Section 3

1. List the characteristics of an acid.
2. What is a hydronium ion?
3. List the characteristics of a base.
4. What is a hydroxide ion?
5. Name a strong and a weak acid.
6. Name a strong and a weak base.
7. What makes an acid or base weak or strong?
8. pH is the measure of _____ atoms in a solution.
a) hydroxide b) hydronium c) sodium
9. How do you determine the concentration of hydronium ions in a solution?
10. The pH scale ranges from 0 – 14, with _____ being neutral on the scale.
a) 7 b) 14 c) 0
11. Many household cleaners are _____.
a) acids b) neutral c) bases
12. How is the environment affected by too low or too high pH?
13. In what way do acids affect your body?
14. What are neutralization reactions?
15. Give an example of a neutralization reaction that occurs in your body.