Acids and Bases

1. Compare properties of acids and bases. Circle any properties that they have in common.

	ACIDS	BASES
Taste		
Feel		
Reaction/Metals		
Electrolyte		
Indicator – Litmus		
Indicator-Phenolphthalein		

2. What is the formula for the hydronium ion? _____ How is it related to H^+? _____

_____

3. How does a chemist define each of the following terms?

    a. Weak _____

    b. Strong _____

    c. Dilute _____

    d. Concentrated _____

4. Give an example of each of the following.

    a. A weak acid   _____   c. A strong acid   _____

    b. A weak base   _____   d. A strong base   _____

5. What is neutralization? _____

6. What are the products if equal amounts of an acid and a base react? _____

_____

7. Is acid/base neutralization endothermic or exothermic? _____

8. Define and give two examples of polyprotic acids. _____

_____

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L Cohen

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Table of Contents Lecture 30 Acids And Bases I Worksheet

6. Navigating Lecture 30 Acids And Bases I Worksheet eBook Formats
   - ePub, PDF, MOBI, and More
   - Lecture 30 Acids And Bases I Worksheet Compatibility with Devices
   - Lecture 30 Acids And Bases I Worksheet Enhanced eBook Features
7. Enhancing Your Reading Experience
   - Adjustable Fonts and Text Sizes of Lecture 30 Acids And Bases I Worksheet
   - Highlighting and Note-Taking Lecture 30 Acids And Bases I Worksheet
   - Interactive Elements Lecture 30 Acids And Bases I Worksheet
8. Staying Engaged with Lecture 30 Acids And Bases I Worksheet
   - Joining Online Reading Communities
   - Participating in Virtual Book Clubs
   - Following Authors and Publishers Lecture 30 Acids And Bases I Worksheet
9. Balancing eBooks and Physical Books Lecture 30 Acids And Bases I Worksheet
   - Benefits of a Digital Library
   - Creating a Diverse Reading Collection Lecture 30 Acids And Bases I Worksheet
10. Overcoming Reading Challenges
    - Dealing with Digital Eye Strain
    - Minimizing Distractions
    - Managing Screen Time
11. Cultivating a Reading Routine Lecture 30 Acids And Bases I Worksheet
    - Setting Reading Goals Lecture 30 Acids And Bases I Worksheet
    - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Lecture 30 Acids And Bases I Worksheet
    - Fact-Checking eBook Content of Lecture 30 Acids And Bases I Worksheet
    - Distinguishing Credible Sources
13. Promoting Lifelong Learning
    - Utilizing eBooks for Skill Development
    - Exploring Educational eBooks
14. Embracing eBook Trends
    - Integration of Multimedia Elements

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