

Chemistry 12

Acids and Bases - Intro Assignment

Text Reference: Chapter 14: Properties of Acids and Bases
Chapter 15: Acid-Base Equilibria and Reactions

1. Define the following terms:

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|----------------------|---------------------|-------------------|
| a. acidic solution | h. conjugate base | o. pH |
| b. alkaline solution | i. diprotic acid | p. pH indicator |
| c. amphiprotic | j. electrolyte | q. strong acid |
| d. amphoteric | k. hydrolysis | r. strong base |
| e. anhydrous | l. hydronium ion | s. triprotic acid |
| f. basic solution | m. monoprotic acid | t. weak acid |
| g. conjugate acid | n. neutral solution | u. weak base |

2. List the properties of acids

3. List the properties of bases

4. Explain the Arrhenius theory of acids and bases.

5. Explain the Brønsted-Lowry theory of acids and bases.

Textbook Questions - Chemistry (McGraw-Hill Ryerson)

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