

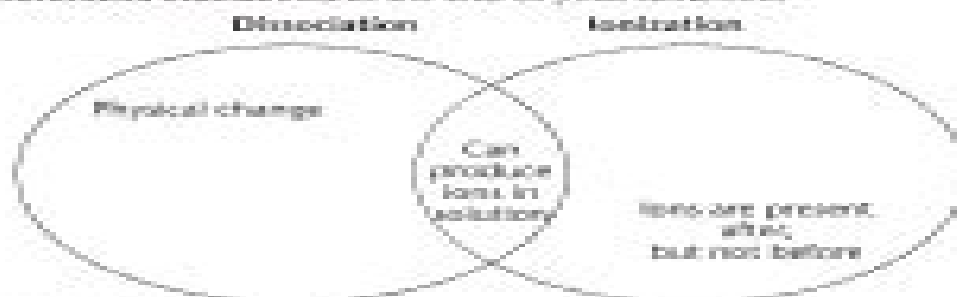
Chapter 8 Solutions, Acids, and Bases

Section 8.1 Formation of Solutions**(pages 229–234)**

This section explains the parts of a solution, the processes that occur when compounds dissolve, and how the properties of a solution compare with those of its solvent and solute.

Reading Strategy (page 229)

Comparing and Contrasting Contrast dissociation and ionization by listing the ways they differ in the Venn diagram below. For more information on this reading strategy, see the Reading and Study Skills in the Skills and Reference Handbook at the end of your textbook.

**Distinguishing (pages 229–230)**

1. A solution is a _____ mixture of two or more substances.
2. Circle the letter that identifies a substance whose particles are dissolved in a solution.
 - a. solvent
 - b. solute
 - c. ion
3. The process in which an ionic compound separates into ions as it dissolves is called _____. Circle the correct answer.

dispersion dissociation ionization
4. The process in which particles dissolve by breaking apart and scattering is called _____. Circle the correct answer.

dispersion dissociation ionization
5. Is the following sentence true or false? Dissolving by ionization is a physical change. _____

Section 8 1 Formation Of Solutions Answer Key

RJ Alexander



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