

Acids, Bases, and Solutions ▪ *Reading/Notetaking Guide***Describing Acids and Bases** (pp. 268–273)

This section describes properties of compounds called acids and bases.

Use Target Reading Skills

Before you read, preview the red headings. In the graphic organizer below, ask a question for each heading. As you read, write the answers to your questions.

Describing Acids and Bases		
Heading	Question	Answer
Properties of Acids	What is an acid?	

Properties of Acids (pp. 268–270)

1. What are three characteristic properties of an acid?

- a. _____
- b. _____
- c. _____

2. Why would you never use “sour taste” to identify a compound as acidic?

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Describing Acids and Bases (*continued*)

3. Why are acids often described as corrosive?

4. What happens when acids react with compounds made of carbonates?

5. A compound that changes color when in contact with an acid or a base is called a(n) _____.

6. Why does lemon juice turn blue litmus paper red?

Properties of Bases (p. 271)

7. What three properties are characteristic of a base?

- a. _____
- b. _____
- c. _____

8. Is the following sentence true or false? A safe way to identify a base is to feel it. _____

Uses of Acids and Bases (pp. 272–273)

9. Is the following sentence true or false? Acids are found in many foods.

10. Acids and bases have many uses around the _____ and in _____.

11. Many of the uses of bases take advantage of their ability to react with _____.