

Acids, Bases, and Solutions ▪ *Guided Reading and Study***Describing Acids and Bases**

This section describes properties of compounds called acids and bases.

Use Target Reading Skills

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

Describing Acids and Bases

Question	Answer
What is an acid?	An acid is . . .

Properties of Acids

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

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

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
