

## Section Review

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### Forming New Substances

#### USING KEY TERMS

1. Use the following terms in the same sentence: *chemical reaction* and *precipitate*.

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#### UNDERSTANDING KEY IDEAS

- \_\_\_\_\_ 2. Most chemical reactions
- a. have starting substances that collide with each other.
  - b. do not break bonds.
  - c. do not rearrange atoms.
  - d. cannot be seen.
3. If the chemical properties of a substance have not changed, has a chemical reaction occurred?

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#### CRITICAL THINKING

4. **Analyzing Processes** Steam is escaping from a teapot. Is this a chemical reaction? Explain.

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5. **Applying Concepts** Explain why charcoal burning in the grill is a chemical change.

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Section Review *continued*

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**INTERPRETING GRAPHICS**

Use the photo in your textbook for this Section Review to answer the questions that follow.

6. What evidence of a chemical reaction is shown in the photo?

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7. What is happening to the bonds of the starting substances?

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