

Section Review

Safety in Science

USING VOCABULARY

1. Write an original definition for *first aid*.

UNDERSTANDING CONCEPTS

2. **Describing** Explain how to take responsibility for your safety in the lab.

3. **Summarizing** Summarize how safety symbols, following directions, neatness, proper cleanup procedures, and safety equipment keep people safe in the lab.

4. **Listing** Describe three procedures that you would follow if an accident were to happen in the science lab.

5. **Summarizing** Explain the first-aid procedures that should be followed for heat burns, chemical burns, and cuts.

Section Review *continued*

6. Justifying Why is it so important to be prepared for an experiment by taking the appropriate safety precautions?

CRITICAL THINKING

7. Applying Concepts What safety icons would you expect to see on a lab that asks you to pour acid into a beaker?

8. Applying Concepts What safety equipment would you use when heating a test tube full of liquid over a burner?

CHALLENGE

9. Making Comparisons You already take safety precautions in your everyday activities. Give three examples of safety precautions you take outside of the laboratory. Tell how they are similar to precautions that you would take in the laboratory.
