

Section Review

Alternative Resources

USING KEY TERMS

1. In your own words, write a definition for each of the following terms: *nuclear energy, solar energy, wind power, hydroelectric energy, biomass, gasohol, and geothermal energy.*

UNDERSTANDING KEY IDEAS

- _____ 2. Which of the following alternative resources requires hydrogen and oxygen to produce energy?
- a. fuel cells
 - b. solar energy
 - c. nuclear energy
 - d. geothermal energy

3. Describe two ways of using solar energy.

4. Where is the production of hydroelectric energy practical?

5. Describe two ways to release biomass energy.

6. Describe two ways to use geothermal energy.

Section Review *continued*

CRITICAL THINKING

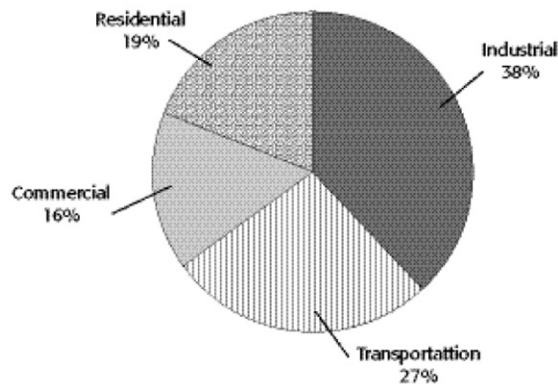
7. **Analysing Methods** If you were going to build a nuclear power plant, why wouldn't you build it in the middle of a desert?

8. **Predicting Consequences** If an alternative resource could successfully replace crude oil, how might the use of that resource affect the environment?

INTERPRETING GRAPHICS

Use the graph below to answer the questions that follow.

How Energy Is Used In the United States



9. What is the total percentage of energy that is used for commercial and industrial purposes?

10. What is the total percentage of energy that is not used for residential purposes?
