

Section Review

Fossil Fuels

USING KEY TERMS

1. Use each of the following terms in a separate sentence: *energy resource*, *fossil fuel*, *petroleum*, *natural gas*, *coal*, *acid precipitation*, and *smog*.

UNDERSTANDING KEY IDEAS

- _____ 2. Which of the following types of coal contains the highest carbon content?
- a. lignite
 - b. anthracite
 - c. peat
 - d. bituminous coal

3. Name a solid fossil fuel, a liquid fossil fuel, and a gaseous fossil fuel.

4. Briefly describe how petroleum and natural gas form.

5. How do we obtain petroleum and natural gas?

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6. Describe the advantages and disadvantages of fossil fuel use.

CRITICAL THINKING

7. **Making Comparisons** What is the difference between the organic material from which coal forms and the organic material from which petroleum and natural gas form?

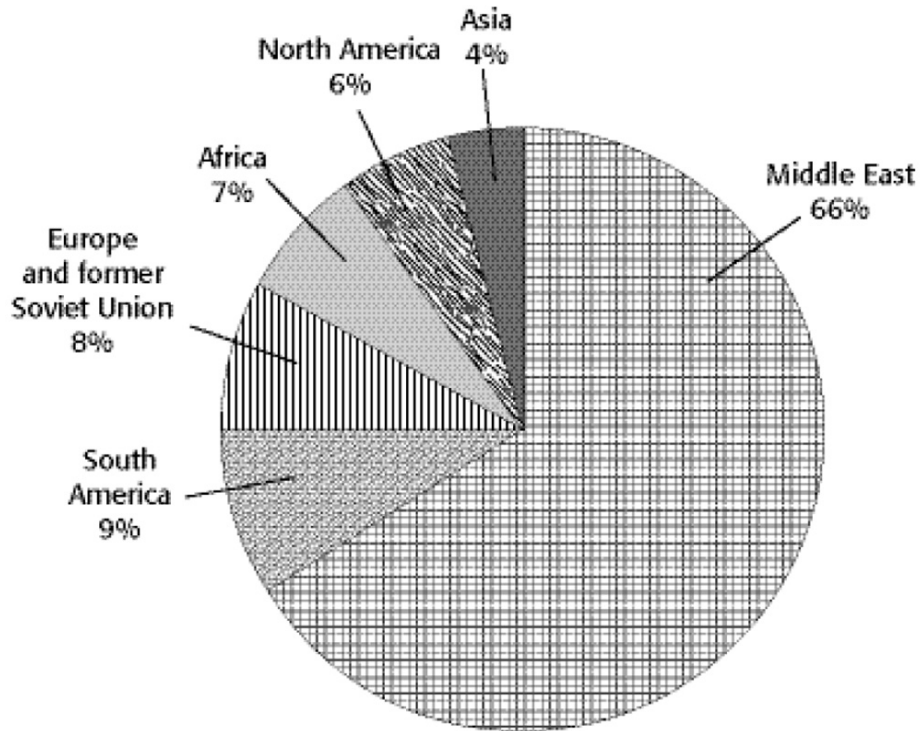
8. **Making Inferences** Why can't carpooling and using mass-transit systems eliminate the problems associated with fossil fuels?

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INTERPRETING GRAPHICS

Use the pie chart below to answer the questions that follow.

Oil Production by Region



Source: International Energy Agency

9. Which region produces the most oil?

10. If the total sales of oil in 2002 were \$500 billion, what was the value of the oil produced in North America?
