

Directed Reading A**Section: Fossil Fuels**
ENERGY RESOURCES

- _____ 1. Natural resources that humans use to generate energy are called
a. fossil fuels.
b. petroleum.
c. energy resources.
d. hydrocarbons.
- _____ 2. Nonrenewable energy resources formed from the remains of plants and animals that lived long ago are
a. fossil fuels.
b. petroleum.
c. black gold.
d. hydrocarbons.
- _____ 3. Give three examples of fossil fuels.

- _____
- _____
- _____
4. Why is it important to conserve fossil fuels?

TYPES OF FOSSIL FUELS

- _____ 5. Which of the following is NOT a fossil fuel that can be separated from petroleum?
a. gasoline
b. diesel fuel
c. coal
d. kerosene
- _____ 6. Approximately what percentage of the world's energy comes from petroleum products?
a. 40%
b. 50%
c. 60%
d. 70%
- _____ 7. What is the main component of natural gas?
a. butane
b. crude
c. propane
d. methane

Directed Reading A continued

Match the correct definition with the correct term. Write the letter in the space provided.

- _____ 8. a gaseous mixture of hydrocarbons
a. natural gas
b. coal
c. petroleum
- _____ 9. a liquid mixture of complex hydrocarbon compounds
- _____ 10. a fossil fuel that forms underground from partially decomposed plant material
11. What element is present in all living things and all fossil fuels?

- _____ 12. Most of the carbon in fossil fuels exists as hydrogen-carbon compounds called _____.

13. Name the three forms in which fossil fuels may exist.

- _____ 14. What happens to petroleum in a refinery?

- _____ 15. What solid fossil fuel do humans use most?

- _____ 16. What is one major disadvantage of burning coal for energy?