

# Energy Sources

Name \_\_\_\_\_

Page 393

1. Trace the path of energy from the sun to the gasoline in a car. Tell what kind of energy is involved at each step.

2. Why are they called fossil fuels?

3. Explain how coal is made by nature.

6. What part of an atom stores nuclear energy? \_\_\_\_\_

7. Why do nuclear power plants require water to produce electricity?

8. What is an advantage and a disadvantage of using hydroelectric power?

9. According to the graph at the bottom of page 396, between the years 1950 and 1955, did the U.S. produce all the energy it consumed? \_\_\_\_\_ What about between 1975 and 1980?  
\_\_\_\_\_

10. Water behind a dam has what kind of energy? (potential or kinetic)

11. What is a disadvantage of using solar energy to replace fossil fuels?

12. Tell whether each of the types of energy below is a renewable or nonrenewable source.

HYDROELECTRIC \_\_\_\_\_

WIND \_\_\_\_\_

NUCLEAR \_\_\_\_\_

COAL \_\_\_\_\_

TIDAL \_\_\_\_\_