



Reinforcement

Sources of Energy

Directions: Circle the term in parentheses that correctly completes the following statements.

- (Oil, Wind, Water) is a fossil fuel.
- As you go deeper into Earth, the temperature (increases, decreases, stays the same).
- (Coal, Oil, Water) is a renewable resource.
- (Geothermal energy, Fossil fuels, Hydroelectric energy) cause acid rain.
- A mountainous region would be a likely source for (nuclear, hydroelectric, wind) energy.

Directions: Determine whether each of the following statements is true or false. If it is true, write **true** on the line. If it is false, change the underlined term to make it true.

6. Fossil fuels cause air pollution.

7. Geothermal energy is caused by falling water.

8. A thermal cell produces electricity directly from sunlight.

9. A reflecting panel uses the kinetic energy of moving air.

10. About 68% of the electrical energy in the United States is produced by nuclear fuel.

Directions: Answer the following questions on the lines provided.

11. Explain why it would be necessary for a home using solar energy to have some type of an energy storage device.

12. Explain how hydroelectric energy works.

13. Give two advantages and two disadvantages of using fossil fuels.
