Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_\_

Renewable and Nonrenewable Resources/Unit 1 Geology

Directions: You can use your notes to complete the following information.

Natural Resources: Fill in the blank with the correct term for each statement.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are energy resources that are used faster than Earth processes can replace them.

2. Oil, natural gas, and coal are all examples of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ resources.

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are energy resources that can be replenished within a person’s lifetime.

4. One example of an inexhaustible resource is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. This resource is considered inexhaustible because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

5. Define natural resource.

6. Give an example of a natural resource used in your home. Explain what natural resource is used to make the item. Explain whether the resource is renewable or nonrenewable and why.

Look at the pictures below. Label them as either renewable or nonrenewable resources.

Directions: Briefly answer the following questions.

12. Briefly explain how fossil fuels form.

13. Give one example of a fossil fuel, and describe how it is used in the United States.

Directions: Match the source of alternative energy with its description.

A. Water B. Wind Power C. Geothermal Energy

D. Solar Power E. Gasohol F. Biomass Energy

G. Nuclear Energy

\_\_\_\_\_\_\_ 14. energy from hot magma located within the Earth

\_\_\_\_\_\_\_ 15. energy from burning organic material

\_\_\_\_\_\_\_ 16. collecting the Sun’s energy for use

\_\_\_\_\_\_\_ 17. generating electricity through the use of windmills

\_\_\_\_\_\_\_ 18. ethanol mixed with gasoline

\_\_\_\_\_\_\_ 19. Energy that can be produced as atoms are split (fission)

\_\_\_\_\_\_\_ 20. hydroelectric power uses this for generating electricity

21. Explain why it is necessary for the human population to begin using alternate sources of energy.

22. Explain two things that you can do at home to help conserve energy.