

Name: _____ Date: _____ Period: _____

Energy Quiz Study Guide

Fill in the blank with the letter next to the word that best completes the sentence.

1. _____ is an alternative source of energy to fossil fuels, produced from the splitting of radioactive nuclei. a. Solar energy
2. A _____ is any natural substance, organism, or energy form that living things use, like lumber and gasoline. b. Hydroelectric energy
3. _____ is energy from the sun c. Coal
4. _____ is a solid fossil fuel formed underground from decomposed plant material d. Solar cells
5. _____ are nonrenewable energy resources that form in the earth's crust over millions of years e. Wave energy
6. _____ is a photochemical fog produced by the reaction of sunlight and air pollutants. f. Petroleum
7. _____ or crude oil, is an oily mixture of organic compounds from which several products can be produced g. Fossil fuels
8. _____ are natural resources humans use to produce energy h. renewable resource
9. _____ is a gaseous fossil fuel i. Natural gas
10. _____ is rain or snow that has a high acid content due to air pollution j. Nuclear energy
12. _____ uses the energy from wind and is another alternative to fossil fuels. k. Recycling
13. _____ convert hydrogen and oxygen into electricity, heat and water. l. Wind energy
14. _____ is electricity generated from falling water in dams m. Acid precipitation
15. A _____ is a natural resource that cannot be replaced except over thousands of years or more. n. nonrenewable resource
16. A _____ is a natural resource that can be used and replaced over a short period of time. o. Smog
17. _____ is the process by which used or discarded materials are treated for reuse. p. Energy resources
18. _____ is a fuel made from plants like corn q. Biofuel
19. _____ turn the sun's energy into electricity and can be used to power various electrical equipment. r. natural resource
20. _____ is energy produced by heat within the earth's crust. s. Geothermal energy
21. _____ is captured in a turbine with the motion of the ocean. t. Fuel cells