

Renewable vs.
Nonrenewable Review
Slideshow

Provide the right vocabulary term for the following definition:

1. Energy which is produced by burning organic matter

Provide the right vocabulary term for the following definition:

2. Energy used by appliances and other electronic equipment that are plugged in 24 hours per day

Provide the right vocabulary term for the following definition:

3. Energy released from atomic reactions

Provide the right vocabulary term for the following definition:

4. Energy from the sun

Provide the right vocabulary term for the following definition:

5. Energy from Earth's Interior

Provide the right vocabulary term for the following definition:

6. Electricity produced by flowing water

Provide the right vocabulary term for the following definition:

7. Group of wind turbines that produce electricity

Provide the right vocabulary term for the following definition:

8. Hardest coal which contains the most carbon and burns most efficiently

Provide the right vocabulary term for the following definition:

9. Layers of rock through which oil and natural gas cannot pass

Provide the right vocabulary term for the following definition:

10. Resources that can be replaced by natural process in a relatively short amount of time

Provide the right vocabulary term for the following definition:

11. Resources that can be used faster than they can be replaced by natural processes

Provide the right vocabulary term for the following definition:

12. Process in which mined land must be recovered with soil and replanted with vegetation

Identify the following as nonrenewable or renewable resources by writing the words nonrenewable or renewable in the blanks.

_____ 13. geothermal

_____ 14. natural gas

_____ 15. biomass

_____ 16. coal

Identify the following as nonrenewable or renewable resources by writing the words nonrenewable or renewable in the blanks.

_____ 17. nuclear

_____ 18. petroleum

_____ 19. solar

_____ 20. oil

Identify the following as nonrenewable or renewable resources by writing the words nonrenewable or renewable in the blanks.

_____ 21. wood

_____ 22. uranium

_____ 23. water

_____ 24. wind

Answer the following questions below:

25. What are the 3 types of Fossil Fuels?

Answer the following questions below:

26. What is coal formed from?

Answer the following questions below:

27. What is oil formed from?

Answer the following questions below:

28. What is Natural Gas formed from?

Answer the following questions below:

29. The type of fossil fuels formation depends on temperature and pressure, length of time and what?

Answer the following questions below:

30. What is the process of splitting atoms to release neutrons and thermal energy called?

Answer the following questions below:

31. What element is used for nuclear energy?

Answer the following questions below:

32. What percent of Nonrenewable energy resources make up the United States yearly consumption?

Answer the following questions below:

33. What percent of Renewable energy resources make up the United States yearly consumption?

Answer the following questions below:

34. If Fossil Fuel energy is a bad pollutant, why do we use this resource more than Renewable resources?

Answer the following questions below:

35. Most power plants need to find a way to turn what, in order to produce electricity? This is connected to the generator.

Answer the following questions below:

36. Provide at least one disadvantage for Solar Energy

Answer the following questions below:

37. Provide at least one disadvantage for Wind Energy

Answer the following questions below:

38. Provide at least one disadvantage for
Water Energy

Answer the following questions below:

39. Provide at least one disadvantage for Geothermal Energy

Answer the following questions below:

40. Provide at least one disadvantage for Biomass Energy

ANSWERS!!!!!!!

Provide the right vocabulary term for the following definition:

1. Energy which is produced by burning organic matter

Biomass

Provide the right vocabulary term for the following definition:

2. Energy used by appliances and other electronic equipment that are plugged in 24 hours per day

Vampire Energy

Provide the right vocabulary term for the following definition:

3. Energy released from atomic reactions

Nuclear Energy

Provide the right vocabulary term for the following definition:

4. Energy from the sun

Solar Energy

Provide the right vocabulary term for the following definition:

5. Energy from Earth's Interior

Geothermal Energy

Provide the right vocabulary term for the following definition:

6. Electricity produced by flowing water

Hydroelectric Power

Provide the right vocabulary term for the following definition:

7. Group of wind turbines that produce electricity

Wind Farm

Provide the right vocabulary term for the following definition:

8. Hardest coal which contains the most carbon and burns most efficiently

Anthracite

Provide the right vocabulary term for the following definition:

9. Layers of rock through which oil and natural gas cannot pass

Impermeable Rock

Provide the right vocabulary term for the following definition:

10. Resources that can be replaced by natural process in a relatively short amount of time

Renewable Resource

Provide the right vocabulary term for the following definition:

11. Resources that can be used faster than they can be replaced by natural processes

Nonrenewable Resource

Provide the right vocabulary term for the following definition:

12. Process in which mined land must be recovered with soil and replanted with vegetation

Reclamation

Identify the following as nonrenewable or renewable resources by writing the words nonrenewable or renewable in the blanks.

Renewable 13. geothermal

Nonrenewable 14. natural gas

Renewable 15. biomass

Nonrenewable 16. coal

Identify the following as nonrenewable or renewable resources by writing the words nonrenewable or renewable in the blanks.

Nonrenewable 17. nuclear

Nonrenewable 18. petroleum

Renewable 19. solar

Nonrenewable 20. oil

Identify the following as nonrenewable or renewable resources by writing the words nonrenewable or renewable in the blanks.

Renewable 21. wood

Nonrenewable 22. uranium

Renewable 23. water

Renewable 24. wind

Answer the following questions below:

25. What are the 3 types of Fossil Fuels?

Oil, Coal, Natural Gas

Answer the following questions below:

26. What is coal formed from?

Bacteria/plants

Answer the following questions below:

27. What is oil formed from?

Plankton

Answer the following questions below:

28. What is Natural Gas formed from?

Plankton

Answer the following questions below:

29. The type of fossil fuels formation depends on temperature and pressure, length of time and what?

Type of organic matter

Answer the following questions below:

30. What is the process of splitting atoms to release neutrons and thermal energy called?

Nuclear Fission

Answer the following questions below:

31. What element is used for nuclear energy?

Uranium

Answer the following questions below:

32. What percent of Nonrenewable energy resources make up the United States yearly consumption?

About 90%

Answer the following questions below:

33. What percent of Renewable energy resources make up the United States yearly consumption?

About 10%

Answer the following questions below:

34. If Fossil Fuel energy is a bad pollutant, why do we use this resource more than Renewable resources?

Because it is inexpensive

Answer the following questions below:

35. Most power plants need to find a way to turn what, in order to produce electricity? This is connected to the generator.

A Turbine

Answer the following questions below:

36. Provide at least one disadvantage for Solar Energy

Example:

High cost of collection cells

Answer the following questions below:

37. Provide at least one disadvantage for Wind Energy

Example:

Requires a large amount of land or ocean to collect and produce energy on a large scale

Answer the following questions below:

38. Provide at least one disadvantage for Water Energy

Example:

Negative impact on aquatic ecosystems

Answer the following questions below:

39. Provide at least one disadvantage for Geothermal Energy

Example:

Limited to tectonically active areas

Answer the following questions below:

40. Provide at least one disadvantage for Biomass Energy

Example:

Air pollution results from burning some forms