

Energy Efficiency World

Pre/Post Test

Directions: Circle the one best answer for each question.

1. Plants get their energy from
a) seeds b) water c) food d) the sun
2. Fuels like wood, natural gas, and coal contain _____ that is released as heat when they are burned.
a) chemical energy c) nuclear energy
b) radiant energy d) mechanical energy
3. _____ on tall towers carry electricity from power plants to substations where the voltage is reduced.
a) transformers c) power lines
b) generators d) appliances
4. Which of the following is an example of nonrenewable energy?
a) geothermal energy c) biomass
b) nuclear power d) electricity
5. Electricity flows in a closed path called
a) a circuit b) a route c) a magnet d) an outlet
6. Energy efficiency involves changing or moving the most amount of matter using the _____ amount of energy.
a) brightest b) fastest c) least d) most
7. Which of the following is NOT a good reason to save energy?
a) to reduce pollution c) to save money
b) to reduce the need for fossil fuels d) to have more free time
8. Most of the energy we use today is produced by
a) burning coal, oil, and natural gas c) solar power
b) climate change d) biomass
9. Which of the following is a good tip for saving energy at home?
a) keep the refrigerator door open c) keep doors and windows closed when heat is on
b) don't put lids on pots and pans while cooking d) keep the lights on all the time
10. Which of these helps save energy at school?
a) don't tell anyone about leaky faucets c) block vents with books and furniture
b) turn off water in the bathroom when finished d) open doors and windows at all times

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Answer Key

Information that relates to each question can be found on the pages listed below.

1. d) the sun. Page 2
2. a) chemical energy. Page 3
3. c) power lines. Page 5
4. b) nuclear power. Page 6
5. a) a circuit. Page 7
6. c) least. Page 8
7. d) to have more free time. Page 9
8. a) burning coal, oil, and natural gas. Page 10
9. c) keep doors and windows closed when heat is on. Page 12
10. b) turn off water in the bathroom when finished. Page 13