



# Energy Efficiency World

## Pre/Post Test

Directions: Circle the one best answer for each question.

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

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## **Pre/Post Test 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