

Energy and Your Environment

Pre/Post Test

Directions: Circle the one best answer for each question.

1. Kinetic energy is energy that is
 - a) found in food
 - b) quiet
 - c) stored in batteries
 - d) moving
2. Which of the following is NOT a fossil fuel?
 - a) oil
 - b) wood
 - c) natural gas
 - d) coal
3. Before the year 1750, which of the following devices were in use?
 - a) electric distribution system
 - b) steam engine
 - c) water wheel
 - d) light bulbs
4. Which of the following is NOT an example of renewable energy?
 - a) wind
 - b) gasoline
 - c) chopped wood
 - d) a waterfall
5. U.S. residents use more than _____ times as much energy as do residents of India.
 - a) 13
 - b) 10
 - c) 5
 - d) 2
6. Which of the following is a greenhouse gas?
 - a) ozone
 - b) hydrogen
 - c) nitrogen
 - d) carbon dioxide
7. True or False: Cutting down on our use of energy for transportation, heating, and appliances can help conserve nonrenewable energy.
 - a) True
 - b) False
8. How much of your body's energy does it take to keep your brain running?
 - a) 5%
 - b) 10%
 - c) 20%
 - d) 50%
9. Which of the following is a measure of the energy value of food?
 - a) joule
 - b) kilowatt
 - c) calorie
 - d) gallon
10. Recycling a product reduces the amount of energy needed for which of the following:
 - a) consumption of materials
 - b) extraction and processing of materials
 - c) transportation of materials
 - d) packaging of materials

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Answer Key

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

1. d) moving. Page 2
2. b) wood. Page 3, 5
3. c) water wheel. Page 3
4. b) gasoline. Page 4
5. a) 13. Page 6
6. d) carbon dioxide. Page 8
7. a) True. Page 10
8. c) 20%. Page 11
9. c) calorie. Page 11
10. b) extraction and processing of materials. Page 14