

# What is your energy IQ?

1. Which of the following is non-renewable energy resources?

- a. the sun
- b. the wind
- c. the fossil-fuels
- d. the oceans

Renewable Energy  
or  
Non-Renewable Energy

2. Electrical energy can be produced from

- a. mechanical energy
- b. chemical energy
- c. radiant energy
- d. all of the above



3. Coal, petroleum, natural gas and propane are fossil fuels.

They are called fossil fuels because:

- a. they are burned to release energy and they cause air pollution
- b. they were formed from the buried remains of plants and tiny animals that lived hundred of millions of years ago
- c. they are renewable but will run out
- d. they are mixed with fossils to provide energy

4. Global warming focuses on an increase in the level of which gas in the atmosphere?

- a. ozone  $O_3$
- b. sulfur dioxide  $SO_2$
- c. carbon dioxide  $CO_2$
- d. nitrous oxide  $N_2O$

5. Solar, biomass, geothermal, wind, and hydropower energy are all renewable sources of energy. They are called renewable because they

- a. are clean and free to use
- b. can be converted directly into heat and electricity
- c. can be replenished by nature in a short period of time
- d. do not produce air pollution

6. Which renewable energy source provides Poland with the most energy?

- a. wind
- b. solar
- c. hydropower
- d. geothermal

7. Electricity is the movement of

- a. atoms
- b. molecules
- c. electrons
- d. neutrons



8. What is the most common source of renewable energy?

- a. hydroelectric energy
- b. bioenergy
- c. tidal energy
- d. wind power