

## Energy Quiz

Please circle the **best** answer for each of the following questions about energy.



1. True or False: Electricity and heat are both considered forms of energy.
2. True or False: Energy conservation is the act of using less energy.
3. True or False: People all over the world have electricity in their homes.
4. True or False: A fossil fuel is a type of energy source that is made from plants and animals that were living millions of years ago.
5. True or False: Solar energy can be used to cook food, as well as create electricity and hot water.
6. Which of the following can be used to create electricity? Circle all that apply.
 

a. coal	d. natural gas
b. wind	e. the sun
c. water	f. uranium
7. Which of the following are ways in which we use energy? Circle all that apply.
 

a. driving a car	d. taking a shower
b. watching TV	e. using the lights in our house
c. cooking on the stove	f. listening to a portable music player
8. Most of the electricity in Colorado comes from \_\_\_\_\_.
 

a. coal	c. natural gas
b. wind	d. hydroelectric dams
9. If fossil fuel energy creates a lot of carbon-dioxide — which can be dangerous to the environment — why don't we use more renewable energy?
  - a. Renewable energy is not available everywhere.
  - b. Renewable energy is expensive.
  - c. Engineers do not know how to make renewable energy work for all applications.
  - d. Fossil fuel is better at making electricity than renewable energy.
10. Categorize the following sources of energy as renewable (R), or non-renewable (N)
 

___ wind	___ solar
___ oil	___ natural gas
___ water	___ geothermal
___ nuclear	___ coal
___ biomass	