

## Energy Pre/Post Quiz Answers

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.
 

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

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

<b>a. coal</b>	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)
 

<b>R</b> wind	<b>R</b> solar
<b>N</b> oil	<b>N</b> natural gas
<b>R</b> water	<b>R</b> geothermal
<b>N</b> nuclear	<b>N</b> coal
<b>R</b> biomass	