

Instructions: label below as renewable or nonrenewable energy resources.

wind	natural gas	petroleum	cow manure
water	plutonium	Earth's internal heat	hay
the Sun	coal	plutonium	biomass

Instructions: Answer the questions below. Write C next to the correct answer(s) and X next to the incorrect answer(s). More than one can be correct.

1. What do nuclear power plants do?
 - They transform nuclear energy into chemical energy.
 - They transform nuclear energy into electrical energy.
 - They transform nuclear energy into thermal energy.
2. What do geothermal power plants do?
 - They transform geothermal energy into chemical energy.
 - They transform geothermal energy into nuclear energy.
 - They transform geothermal energy into electrical energy.
3. What type of energy does wind have?
 - Mechanical
 - Chemical
 - Both a. and b.
4. Non-renewable energy sources are consumed _____ than they can be replenished.
 - As fast as
 - Faster
 - Slower
5. What type of energy does biomass have?
 - Mechanical
 - Chemical
 - Geothermal
6. What do solar panels do?
 - Trap chemical and thermal energy from sunlight and transform it into electrical energy.
 - Trap geothermal energy from sunlight and transform it into electrical energy.
 - Trap light and thermal energy from sunlight and transform it into electrical energy.
7. What do hydroelectric power plants do?
 - Transform water energy into electrical energy.
 - Transform mechanical energy into electrical energy.
 - Transform water into electrical energy.