

*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.*

- 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.
- 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.
- What type of energy does wind have?
  - \_\_\_ Mechanical
  - \_\_\_ Chemical
  - \_\_\_ Both a. and b.
- Non-renewable energy sources are consumed \_\_\_\_\_ than they can be replenished.
  - \_\_\_ As fast as
  - \_\_\_ Faster
  - \_\_\_ Slower
- What type of energy does biomass have?
  - \_\_\_ Mechanical
  - \_\_\_ Chemical
  - \_\_\_ Geothermal
- 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.
- What do hydroelectric power plants do?
  - \_\_\_ Transform water energy into electrical energy.
  - \_\_\_ Transform mechanical energy into electrical energy.
  - \_\_\_ Transform water into electrical energy.