

Instructions: select renewable or nonrenewable for each energy resource.

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

Instructions: Select a, b, or c from the drop down boxes.

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