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.