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?
    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.