

Last Name: _____

First Name: _____

Period: _____

Date: _____

Introduction of energy sources

Question 1

WHAT IS ENERGY?

Two basic concepts are important in understanding the sources of energy:

I.
Energy is the ability or capacity to do work.

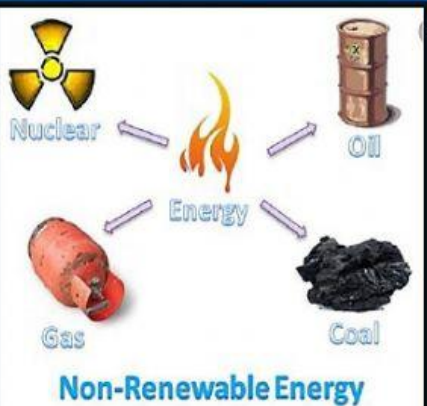
II.
Energy cannot be created or destroyed.

What are the two basic concepts of **ENERGY**?

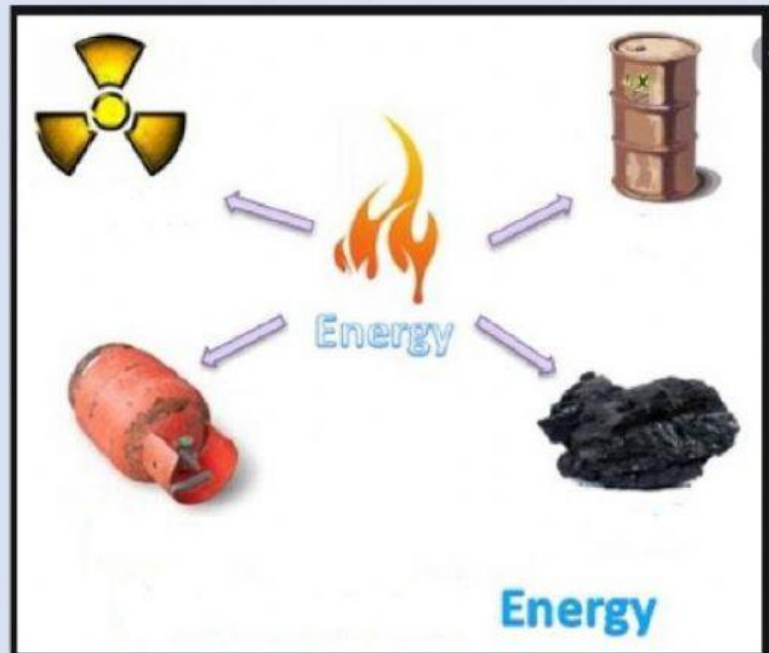
I.

II.

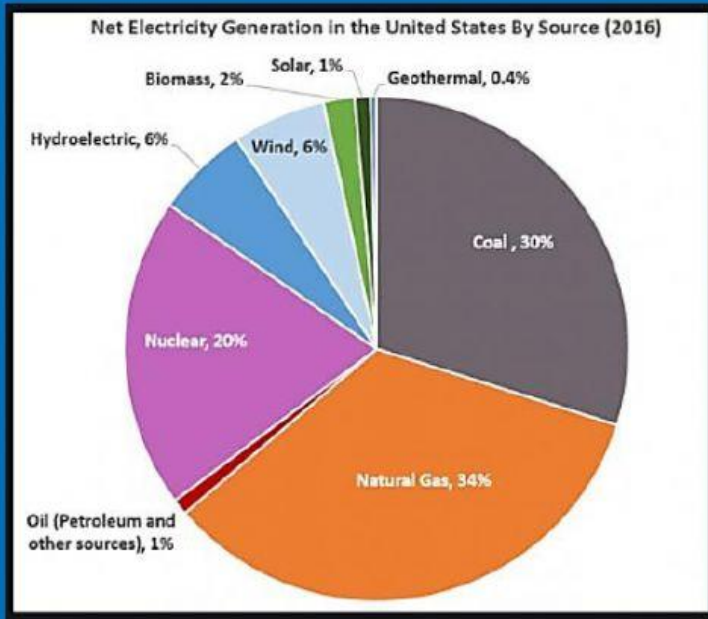
Question 2



Complete the **non-renewable energy sources**



Question 4



1. Which is the **most popular** use of energy in the US?

2. What is its **percentage**?

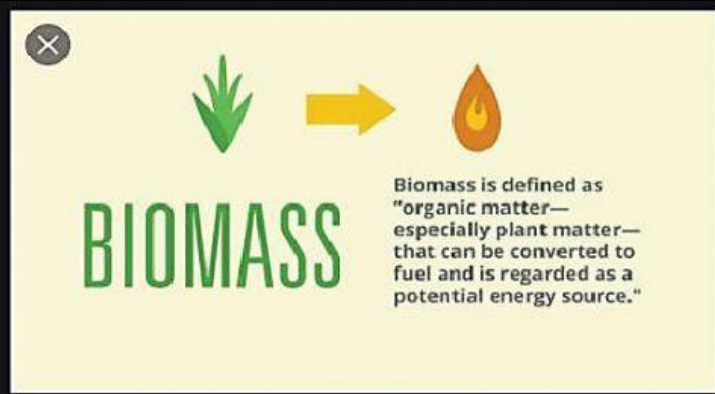
3. Which is the **second most popular** use of energy in the US?

4. What is its **percentage**?

5. Which is the **third most popular** use of energy in the US?

6. What is its **percentage**?

Question 5



Complete the missing blanks

_____ is defined as “_____ --- especially plant matter --- that can be converted to _____ and is regarded as _____”

Question 6



Advantages of Solar and Wind Energy

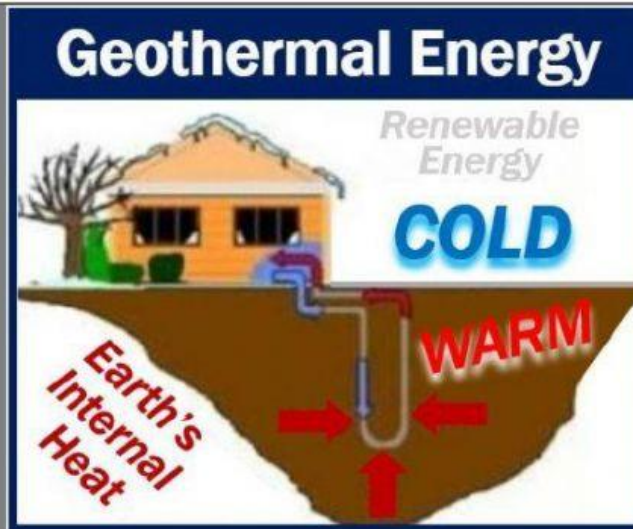
In terms of advantages, as carbon-free, renewable energy sources, wind and solar can help reduce the world's dependence on oil and gas. These carbon fuels are responsible for the harmful greenhouse gas emissions that affect the quality of our air, water and soil—which all contribute to environmental degradation.

Use the top paragraph to complete the missing blanks

Advantages of _____ and _____ Energy

In terms of advantages, as carbon-free, renewable energy sources, _____ and _____ can help _____ the world's dependence on _____ and _____. These _____ are responsible for the harmful _____ gas _____ that affect the quality of our air, water and soil—which all contribute to environmental degradation.

Question 7



What is geothermal energy?

Geothermal energy involves using heat from under the ground, i.e., the Earth's internal heat.

Geothermal energy is power that we derive from the Earth's internal heat.

What is Geothermal energy? (copy both sentences)

Question 8

What types of **energy sources** does your home uses?