

RENEWABLE ENERGY

Watch the video and answer the questions below.

1.- Match each picture to its corresponding concept.



- i. fossil fuels
- ii. nuclear energy
- iii. solar energy
- iv. wind energy

- v. geothermal energy
- vi. biomass energy
- vii. hydroelectric energy

2.- Match each concept to its corresponding definition.

1) Fossil fuels	<input type="radio"/>	<i>It comes from the heat of the sun. You can use panels to trap the energy and it can be saved for cloudy days.</i>
2) Solar energy	<input type="radio"/>	<i>It takes energy from flowing water such as rivers, streams and ocean currents.</i>
3) Biomass energy	<input type="radio"/>	<i>It comes from the heat inside the earth. It is food for places with volcanic activity.</i>
4) Hydroelectric energy	<input type="radio"/>	<i>It is produced from a plant or human waste. Wood is the most common source, but now methane gas or vegetable oils are being used to create energy.</i>
5) Wind energy	<input type="radio"/>	<i>It is produced by splitting atoms. There is a risk of accidents and this form of energy produces dangerous waste that is difficult to dispose of.</i>
6) Nuclear energy	<input type="radio"/>	<i>It produces energy by moving blades or a turbine or mill.</i>
7) Geothermal energy	<input type="radio"/>	<i>They are extracted from the earth such as coal, oil and natural gas. When they are burned to make energy, they produce carbon dioxide which contributes to global warming.</i>

3.- Identify the following statements as true or false.

TRUE

FALSE

Almost 8% of energy consumed by humans derived from fossil fuels.

TRUE

FALSE

10% of energy derives from renewable energy.

TRUE

FALSE

Renewable energy generates no gas emissions at all.

TRUE

FALSE

Renewable energy can decrease pollution.

TRUE

FALSE

Renewable energy sources will never run out.

TRUE

FALSE

Solar and wind energy generates power intermittently.

TRUE

FALSE

Renewable energy is free and costs nothing to generates power.

TRUE

FALSE

Renewable energy can be produced at large scale as much as fossil fuels.