Name:		
	Period:	

## Biomass, Hydrogen, and Geothermal Energy

*Directions:* Read the packet on all 3 different energies and answer the following questions.

question	S.					
Biomas	'S					
1.) I	1.) Biomass is any organic matter (anything that was once).					
2.) V	What are 4 examples of biomass.					
3.) 7	True or False: People have used biomass longer than any other energy source.					
4.) I	Biomass gets its energy from the					
5.) V	What is the process where plants absorb sunlight?					
	Biomass is a energy source because we can grow more n a short period of time.					
7.) V	What are the four ways to release energy stored in biomass?					
	Garbage can be burned to generate and					
9.) <i>A</i>	As the plants and animals decay, they produce a colorless, odorless gas called					
10.)	We can yeast to biomass to produce an alcohol called					
	Conversion means changing a into something else.					
12.)	Biomass canthe air when it is burned.					
Hydrog	gen					
13.)	Hydrogen is the simplest known to man					
14.)	What is made primarily of hydrogen?					

15.) called	Inside the sun, hydrogen atoms combine to form helium. This process is				
16.) earth.	It gives off radiant energy. This radiant energy sustains on				
17.)	This renewable resource can't be used all the time. Why?				
18.)	Hydrogen is an energy carrier for the				
19.)	We make hydrogen by separating it from what 3 things?				
20.)	is the primary user of hydrogen as an energy carrier.				
	Before hydrogen becomes a signifigant fuel, we will need systems to hydrogen, it, and it.				
	It is the goal of the U.S. Department of Energy for hydrogen to produce percent of our energy bye the year 2030.				
Geothermal					
	Geothermal energy is from within the				
24.) what t	Look at the diagram of the layers of the earth and list them along with hat layer is made of.				
25.)	Geothermal energy was used by ancient people for and				
26.) year?	The first succesfull American geothermal plant began operating in what				
27.)	Most of the geothermal activity in the world occurs in what area?				
28.)	Geothermal wells are to miles deep.				
29.) enviro	Geothermal energy does damage to the nment.				
30.)	Where have geothermal power plants been built?				