Benjamin Ha

9/21/14

Biology Period 5

Assignment 3.4 Pg. 158-159 6a,b, 7a, 8b

6.

A. Matter can flow’s in a cycle and thus can never be created or destroyed unlike energy which flows only one way.

B. The water cycle – First, it rains. Next, the water evaporates in the air. Then, this evaporated water forms clouds which eventually brings us back to it rains again.

The nitrogen cycle- Nitrogen is a gas that an organism breathes. Then the nitrogen is converted into a solid. The nitrogen eventually enters the solid in which plants absorb it.

The Carbon Cycle- Carbon is in the form of gas. Producers take up carbon during photosynthesis which is than eaten by consumers which than die and eventually become fossil fuels.

The Phosphorus Cycle- Phosphorus is taken up by primary producers, than it is used by consumers which release it by pooping and decomposing matter.

7.

A. The biological cycle and the physical/chemical cycle.

8.

B. There would not be enough producers to convert the carbon into energy and then there would be too much carbon dioxide and we would all die.