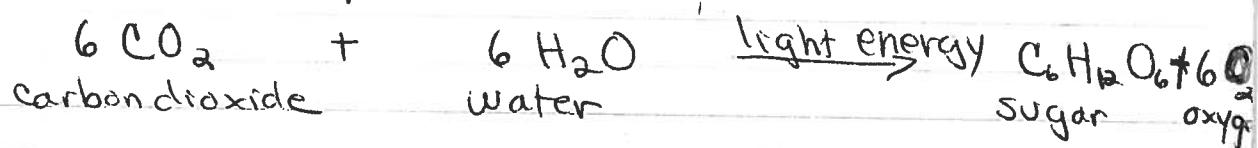


Questions p. 9d

- 1a. All living things are made up of cells, which need energy to carry out their functions.
 - 1b. Plants capture energy from sunlight in the process of photosynthesis.
 - 1c. An insect depends on the sun's energy because the leaf has stored food that the plant made using energy from the sun in the process of photosynthesis.
 - 2a. The chemical equation is:



- b The substances needed for photosynthesis are: carbon dioxide, water, and light energy; sugar and oxygen.

c A plant would likely produce more oxygen during a sunny day, because there would be more sunlight available to the plant for photosynthesis.