Match the following vocabulary words with their definitions:

1. \(C_6H_{12}O_6\)  
eating green plants _6_

2. carbon dioxide  
the part of the leaf that contains the chlorophyll, and the place where photosynthesis takes place _4_

3. chlorophyll  
a gas inhaled by animals but given off by plants as a waste product in photosynthesis _7_

4. chloroplast  
a gas exhaled by animals as a by-product of respiration (breathing) and used by plants to produce food _2_

5. molecule  
tiny openings in the leaf that allow air (containing carbon dioxide and oxygen) to enter and oxygen and water vapor to leave the plant _10_

6. primary consumption  
the product produced by green plants in the process of photosynthesis _1_

7. oxygen  
the process by which plants store energy to produce food _8_

8. photosynthesis  
a green substance in the leaves of most plants that absorbs energy from light and stores it as chemical energy _3_

9. secondary consumption  
the combination of two or more atoms _5_

10. stomata  
eating an animal or product from an animal that eats green plants _9_
Complete the following sentence:

Green plants, in the presence of sunlight, convert (change) water, \( \text{H}_2\text{O} \) and carbon dioxide \( \text{CO}_2 \) into molecules of \( \text{C}_6\text{H}_{12}\text{O}_6 \). Oxygen, \( \text{O}_2 \), is released as a by-product of this process called photosynthesis. Chlorophyll is needed to convert the sun's energy to chemical energy.

Word bank:

| CO\(_2\) | H\(_2\)O | C\(_6\)H\(_{12}\)O\(_6\) | O\(_2\) | sunlight | chemical | chlorophyll | photosynthesis |

Complete the following:

Two examples of primary food sources: \textbf{Answers will vary}

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