**PHOTOSYNTHESIS**

1. **Match the names of compounds to their chemical formulas.**

**WATER**

**OXYGEN**

**SUGAR**

**CARBON DIOXIDE**

2. **Put the formulas in the correct places to reconstruct the chemical equation. What kind of reaction is it?**

**LIGHT, CHLOROFYL, 6 CO2, C6H12O6, 6 O2, 6 H2O**

3. **Complete the text with the words below. What is it about? Add the word in the box.**

is a process used by plants and other autotrophic organisms to convert \_\_\_\_\_\_\_\_\_\_

energy, normally from the Sun into chemical energy that can be used to fuel the

organisms' activities. Carbohydrates, such as \_\_\_\_\_\_\_\_\_\_\_, are synthesized from

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_ during the process. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is also

released, mostly as a waste product. Most plants and most algae, perform the process of

photosynthesis, and are called photoautotrophs. Photosynthesis maintains atmospheric

oxygen levels and supplies most of the energy necessary for all life on \_\_\_\_\_\_\_\_\_\_\_\_\_.

**water carbon dioxide Earth light oxygen sugars**