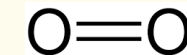
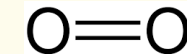
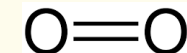
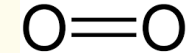
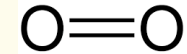
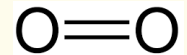
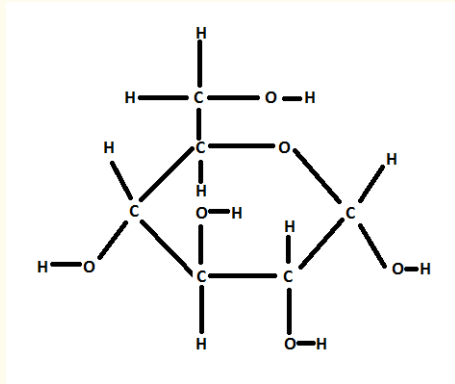
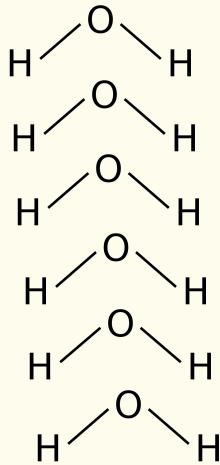
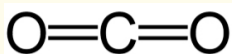
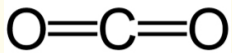
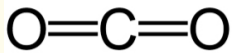
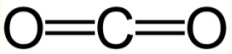
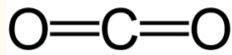
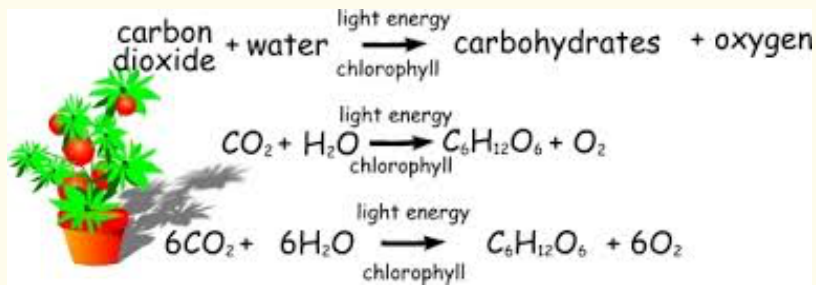


A white rectangular box with a thick, light green border is centered on the page. Inside the box, the number "16" is written in a red, cursive, handwritten style. The background of the entire page is white and decorated with several large, overlapping circles in various colors: red, teal, lime green, and dark grey. The circles are scattered across the page, with some partially overlapping the white box.

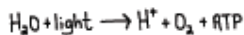
16



Light Reaction

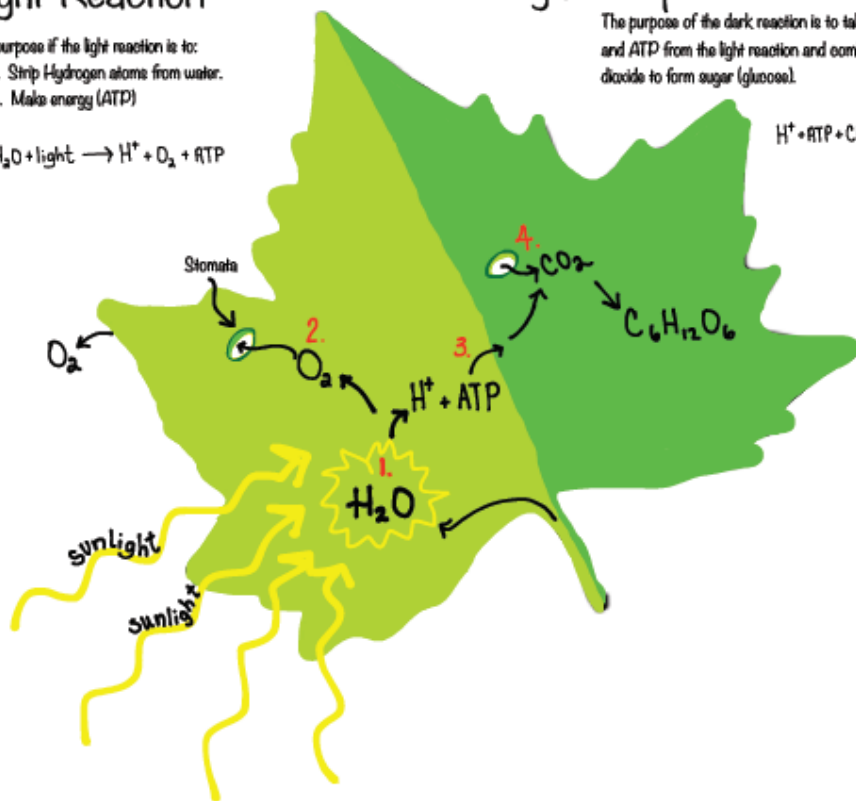
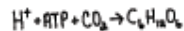
The purpose of the light reaction is to:

1. Strip Hydrogen atoms from water.
2. Make energy (ATP)



Light Independent Reaction

The purpose of the dark reaction is to take the hydrogen and ATP from the light reaction and combine with carbon dioxide to form sugar (glucose).



Photosynthesis is the process of taking inorganic compounds and using the energy of the sun to build an organic compound like sugar that can fuel almost all life on earth.