

- a. _____ and _____ are taken from _____ environment.
- b. The atoms are rearranged to form _____ (_____) and _____
- c. Glucose can be converted to _____ (stored energy) and _____ (plant support and fiber).

V. Two Stages of Photosynthesis

A. Light Dependent Reactions (*Light Reactions*)

- a. Light energy is absorbed and _____ to create _____ and _____ molecules
- b. Produces _____
- c. Uses _____
- d. Occurs in the _____

B. Light Independent Reactions (*Dark Reactions or Calvin Cycle*)

- a. _____ formed using the chemical energy in _____ and _____ from the light reactions
- b. Uses _____
- c. Produces _____
- d. Occurs in _____

Where do the reactions happen inside the chloroplast?

