



Accessing Prior Knowledge

Name: _____ Date: _____ Group: _____

Photosynthesis

Circle the word/term that makes each statement below true.

1. Light-dependent /Light-independent reactions take place during the day when chlorophyll can begin the process of converting sunlight to ATP (Adenosine triphosphate).
2. Oxygen/Carbon dioxide taken in during photosynthesis is used to form the carbohydrates that make up the structure of the plant.
3. The products of photosynthesis are oxygen and glucose/carbon dioxide.
4. The pigment chlorophyll/chloroplast absorbs the Sun's light to provide energy for photosynthesis. This pigment also causes plants to be green.
5. Stomata/Stroma are leaf openings letting in carbon dioxide to the plant.

Label the diagram(s) below using the following terms: leaf, plant cell, chloroplast, stomata, and stroma.

