

### Photosynthesis Worksheet

Write the chemical equation that summarizes photosynthesis.

Where specifically does photosynthesis take place?

What pigments take part in photosynthesis?

What wavelengths of light do the pigments absorb? Reflect?

Name the two phases of photosynthesis.

Name the two types of light dependent reactions.

How do they differ?

What is made in the cyclic LDR?

What is produced in the noncyclic LDR?

What reactant from the summary equation is used in the noncyclic LDR?

What product in the summary equation is produced in the non-cyclic LDR?

Another name for the light independent reaction is \_\_\_\_\_.

What reactant from the summary equation is used in the LDR?

What product is removed from the LDR and used to make glucose?