

Name _____

Number _____

Study Guide for Test Photosynthesis and Respiration

Photosynthesis- Be able to write the equation in **words and with chemical symbols**. Write it below...

What is photosynthesis? _____

Where in the plant cell does photosynthesis occur? _____

When does photosynthesis occur? Why? _____

What is the importance of photosynthesis? _____

What is the difference between products and reactants? _____

How does carbon dioxide enter, and oxygen exit the leaves? In other words, how does gas exchange occur?

Cellular Respiration- Write the reaction in **words and with the chemical equation**. Write it below...

What is cellular respiration? _____

Where does cellular respiration occur? _____

What is the importance? _____

What is ATP and why is it important? _____

What is the difference between fermentation and cellular respiration?

Answer the following question:

Describe the relationship between photosynthesis and cellular respiration. Can humans survive without plants?

Explain with details.
