



Name: _____ Date: _____ Group: _____

GUIDED PRACTICE

Photosynthesis and Cellular Respiration

Directions: Glue the reactants and products in their correct locations.

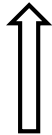
1. The overall reaction for photosynthesis



2. The reaction for glycolysis



3. The overall reaction for cell respiration



GUIDED PRACTICE

Photosynthesis and Cellular Respiration, continued

Answer the questions below.

1. What are the reactants of photosynthesis?
2. What are the reactants of cellular respiration?
3. What is the energy that is produced in glycolysis?
4. The entire process of cellular respiration requires oxygen, but glycolysis does not. What term represents the step of glycolysis? How does this differ from the other steps in cellular respiration?
5. Photosynthesis and cellular respiration are referred to as a cycle. Explain why scientists describe the processes this way.

GUIDED PRACTICE

Photosynthesis and Cellular Respiration, continued

Using all of the following terms in the word bank, complete the graphic organizer.

Word Bank
ATP Calvin cycle chloroplast electron transport chain
energy glucose mitochondria

