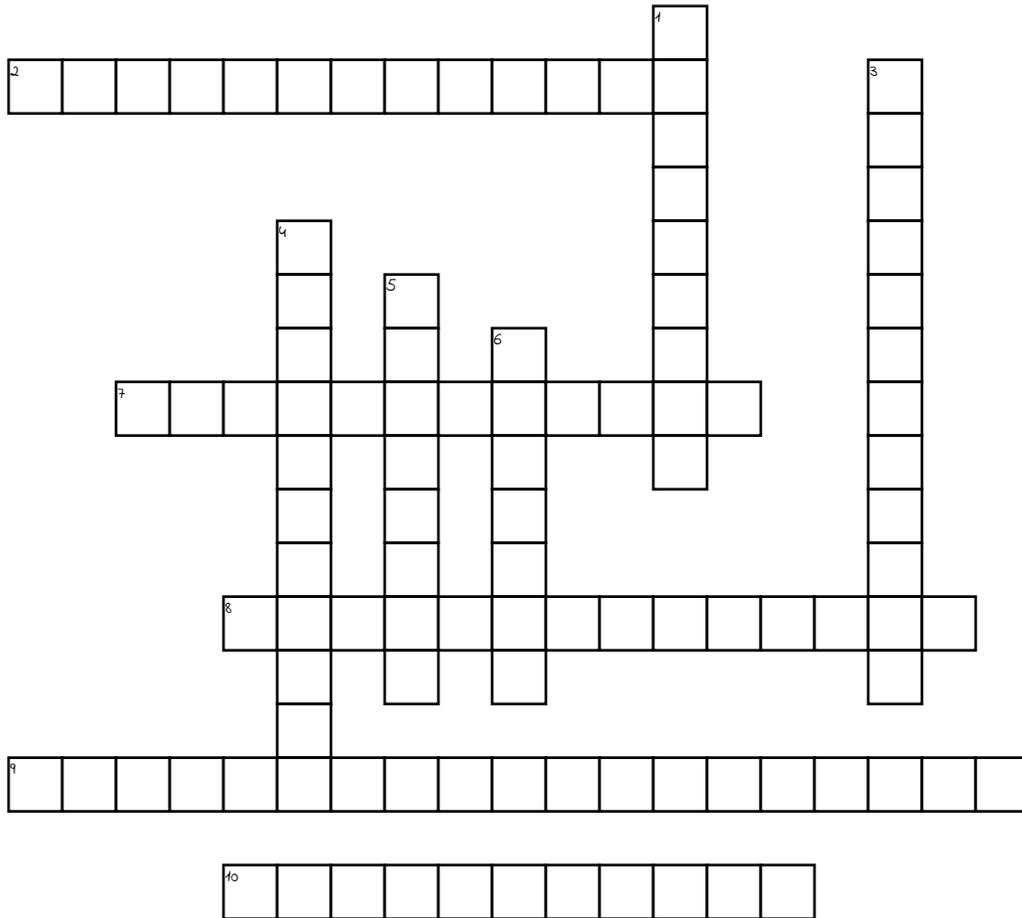


Name: _____

Photosynthesis and Cellular Respiration



Across

- 2. included among the rate-limiting steps of the dark stage of photosynthesis are the chemical reactions by which organic compounds are formed by using this thing in the air we breathe as a carbon source.
- 7. organelles that conduct photosynthesis, where the photosynthetic pigment chlorophyll captures the energy from sunlight, converts it, and stores it in the energy-storage molecules.
- 8. process by which green plants convert light energy into chemical energy.
- 9. the metabolic processes whereby certain organisms obtain energy from organic molecules.

Word Bank

Glucose
Chloroplasts
Chlorophyll

Products
Mitochondria
Light energy

10. Energy that comes from the sun

Down

- 1. The starting materials in a chemical reaction
- 3. The primary function of this organelle is to produce ATP, the molecule that the cell uses for energy when carrying out essential functions.
- 4. An organelle that give plants their green pigment.
- 5. A substance that is formed as the result of a chemical reaction
- 6. A simple sugar that gives energy to plants

Cellular respiration Carbon dioxide
Photosynthesis reactants