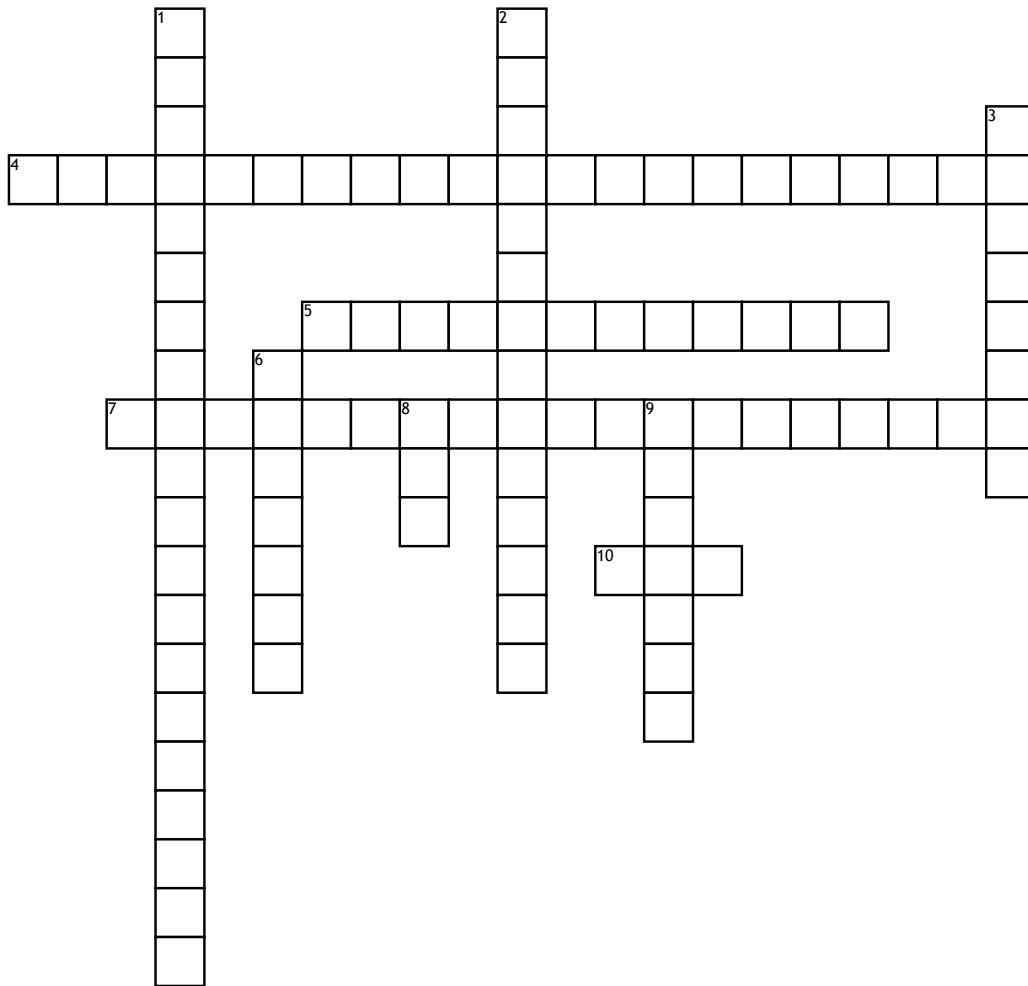


How do living things get energy to stay alive? Cellular Respiration



Across

4. The energy currency that cells use. Molecule responsible for storing energy.
 5. Where cellular respiration occurs.
 7. A chemical process that results in the production of ATP, carbon dioxide, and water.
 10. Abbreviation for Adenosine Diphosphate

Down

1. A compound that is converted into ATP for energy in cells.

2. Chemical substance that cells use to store and release energy. For example: ATP is the _____ of the cells.
 3. The chemical substance(s) that are used up at the beginning of a chemical reaction. Glucose, oxygen, ADP, Phosphate (for cellular respiration)
 6. A carbohydrate that provides the cell the needed material to convert to energy through cellular respiration.
 8. Abbreviation of Adenosine Triphosphate
 9. The chemical substance(s) that are produced or created at the end of a chemical reaction. Carbon Dioxide, Water, ATP (for cellular respiration)

Word Bank

- | | | |
|------------------------|-----------------------|-----------------|
| Mitochondria | Cellular respiration | ADP |
| Adenosine Triphosphate | Adenosine Diphosphate | Energy currency |
| ATP | Glucose | Product |
| Reactant | | |