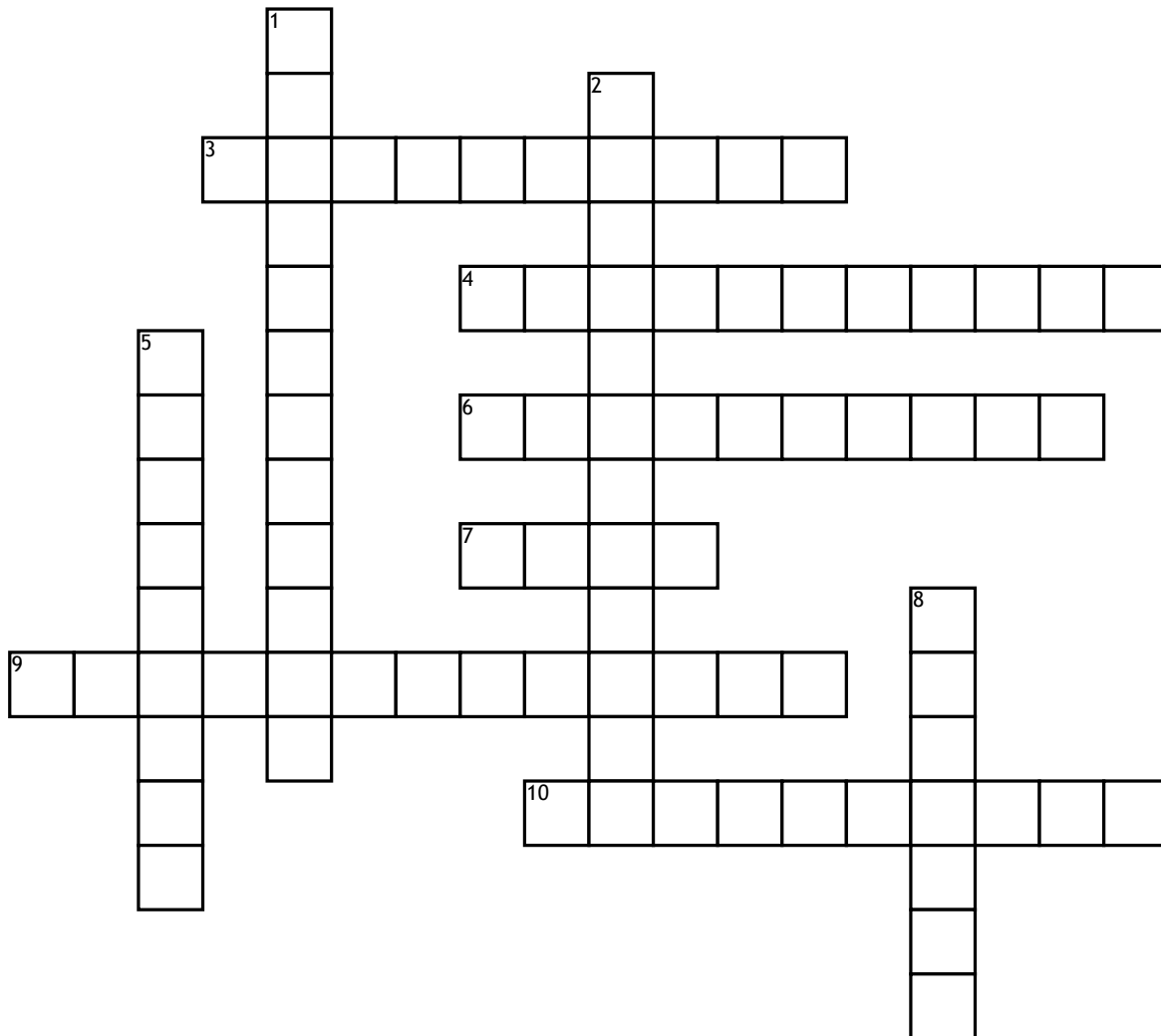


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# BIOENERGETICS and CELL



## Across

3. it is the process of breaking down glucose into pyruvate, producing two molecules of ATP (per 1 molecule of glucose) in the process
4. cells were the first form of life on Earth, characterised by having vital biological processes including cell signaling
6. Plants, animals, fungi, slime moulds, protozoa, and algae are examples of?
7. it is the smallest unit of life
9. a system of alternative psychotherapy based on the belief that emotional healing can be aided through resolution of bodily tension.
10. it is reaction is an anabolic chemical reaction that consumes energy

## Down

1. also called plasma membrane
2. the acts to organize and maintain the cell's shape; anchors organelles in place; helps during endocytosis, the uptake of external materials by a cell, and cytokinesis, the separation of daughter cells after cell division; and moves parts of the cell in processes of growth and mobility
5. its reaction is a spontaneous chemical reaction that releases energy
8. it is a metabolic process whereby ketone bodies are used by the cell for energy (instead of using glucose)