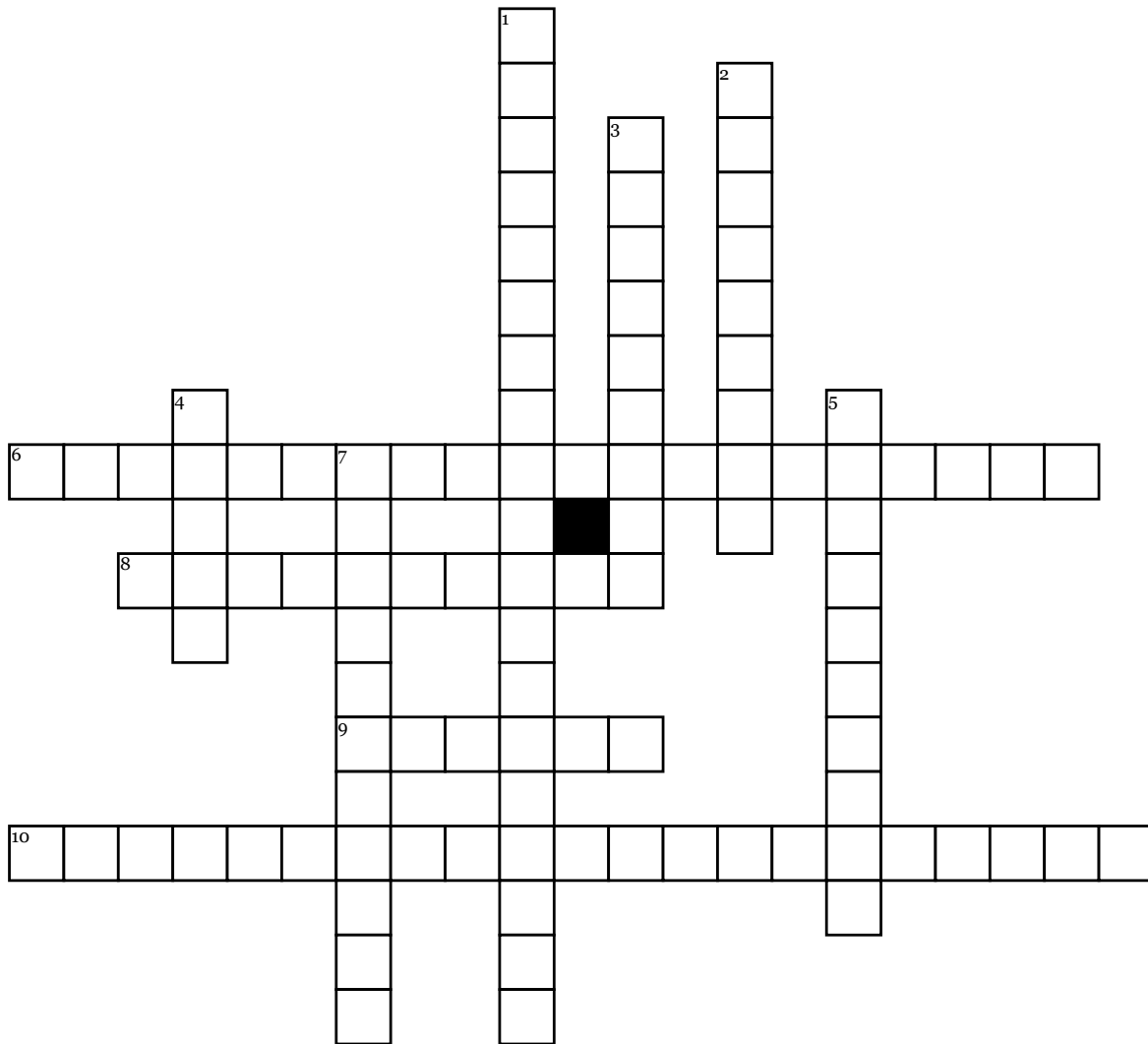


Name: _____

Date: _____

Cellular Respiration



Across

- 6.** is respiration using electron acceptors other than molecular oxygen.
- 8.** the breakdown of glucose by enzymes, releasing energy and pyruvic acid.
- 9.** in physics, the capacity for doing work. It may exist in potential, kinetic, thermal, electrical, chemical, nuclear, or other various forms.
- 10.** a compound consisting of an adenosine molecule bonded to three phosphate groups, present in all living tissue. The breakage of one phosphate linkage (to form adenosine diphosphate, ADP) provides energy for physiological processes such as muscular contraction

Down

- 1.** What is the process of breaking sugar into a form that the cell can use as energy.
- 2.** Cellular respiration is a _____ the process of breaking sugar into a form that the cell can use as energy.
- 3.** an individual animal, plant, or single-celled life form
- 4.** is the basic structural, functional, and biological unit of all known organisms.
- 5.** the breakdown of complex molecules in living organisms to form simpler ones, together with the release of energy; destructive metabolism.
- 7.** relating to the chemical processes and substances which occur within living organisms.