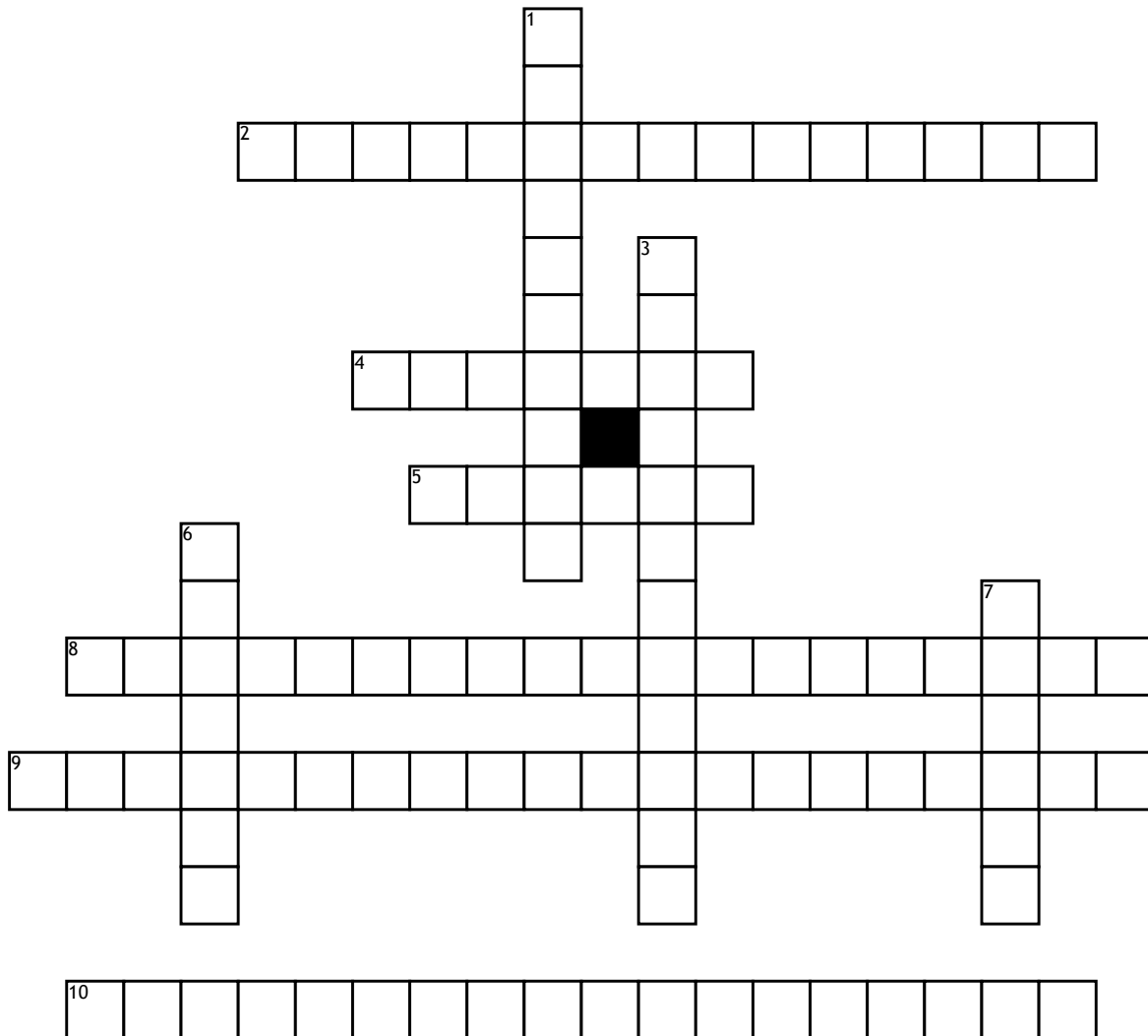


Name: \_\_\_\_\_

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

# Gen Bio



## Across

- 2. a type of cell with a membrane-enclosed nucleus and organelles
- 4. a long molecule consisting of many similar or identical building blocks
- 5. a structural polysaccharide found in the exoskeleton of arthropods and fungal cell walls
- 8. the process by which pyruvate is converted to ethanol
- 9. the process that harvests chemical energy without the use of oxygen

- 10. the collection of membranes inside and surrounding a eukaryotic cell

## Down

- 1. a series of reactions that break down glucose into two molecules of pyruvate
- 3. the process in which energy stored in the form of a hydrogen ion gradient across a membrane is used to drive cellular work, such as ATP synthesis
- 6. the organelle of a eukaryotic cell that contains the genetic material
- 7. a class of large biological molecules that do not form polymers