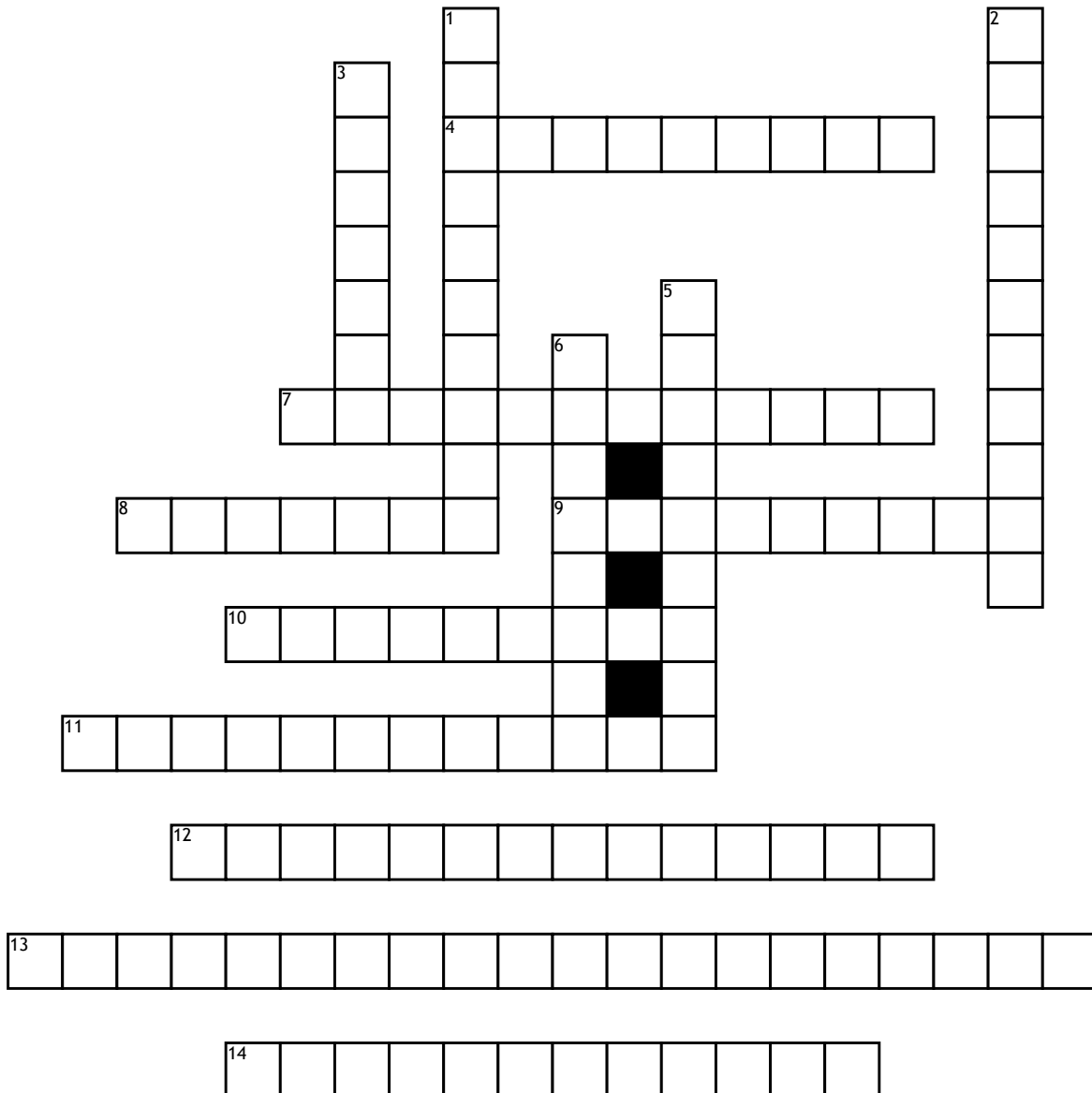


Name: \_\_\_\_\_

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

# Parts of a Cell



## Across

- 4. The structure within the nucleus and helps in synthesis of ribosomes
- 7. The semipermeable membrane surrounding the cytoplasm of a cell
- 8. Contains the hereditary material DNA and directs the activities of the cell
- 9. Enzyme sacs, that digest cellular wastes

- 10. A gel-like matrix where all the other cell organelles are suspended inside the cell
- 11. Hollow rods, function primarily as support and shape to the cell
- 12. Responsible for storing, packaging of cellular products.
- 13. A network of membranes composed of rough and smooth endoplasmic reticulum
- 14. The site for cellular respiration and producers of energy

## Down

- 1. Organize the micro tubules assembly during cell division
- 2. Makes sugars and starches through photosynthesis
- 3. Stores biochemicals, helps in plant growth
- 5. Made of RNA and proteins, and are sites for protein synthesis
- 6. Protects the cell from injury and holds the shape of the cell