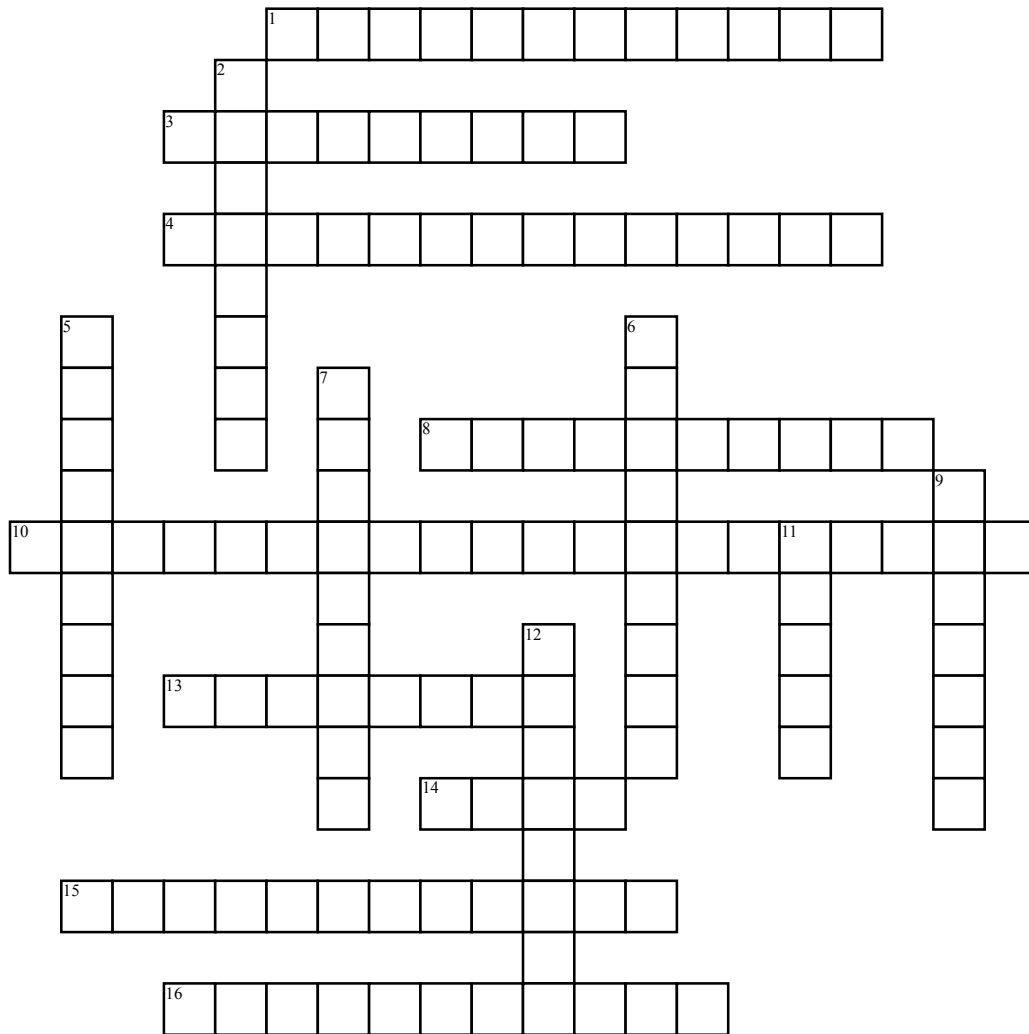


Name: \_\_\_\_\_

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

# Cells Cells!!



**Across**

- 1. powerhouse of the cell
- 3. the material or protoplasm within a living cell, excluding the nucleus
- 4. a complex of vesicles and folded membranes within the cytoplasm
- 8. pro-no nucleus
- 10. a network of membranous tubules within the cytoplasm of a eukaryotic cell
- 13. bind messenger RNA and transfer RNA to synthesize polypeptides and proteins.

- 14. the basic unit of life
- 15. controls the movement of substances in and out of cells and organelles
- 16. a plastid that contains chlorophyll

**Down**

- 2. containing degradative enzymes enclosed in a membrane
- 5. any of a number of organized or specialized structures within a living cell

- 6. a microscopic appendage that enables many protozoa, bacteria, spermatozoa
- 7. have a nucleus enclosed within membranes
- 9. control gene expression and mediate the replication of DNA during the cell cycle
- 11. are tiny hair-like structures on the surface of the cell.
- 12. a rigid layer of polysaccharides lying outside the plasma membrane

**Word Bank**

- |           |                 |            |                       |
|-----------|-----------------|------------|-----------------------|
| cytoplasm | organelle       | cell       | mitochondria          |
| ribosome  | golgi apparatus | cilia      | chloroplast           |
| eukaryote | lysosome        | nucleus    | endoplasmic reticulum |
| cell wall | flagellum       | prokaryote | cell membrane         |