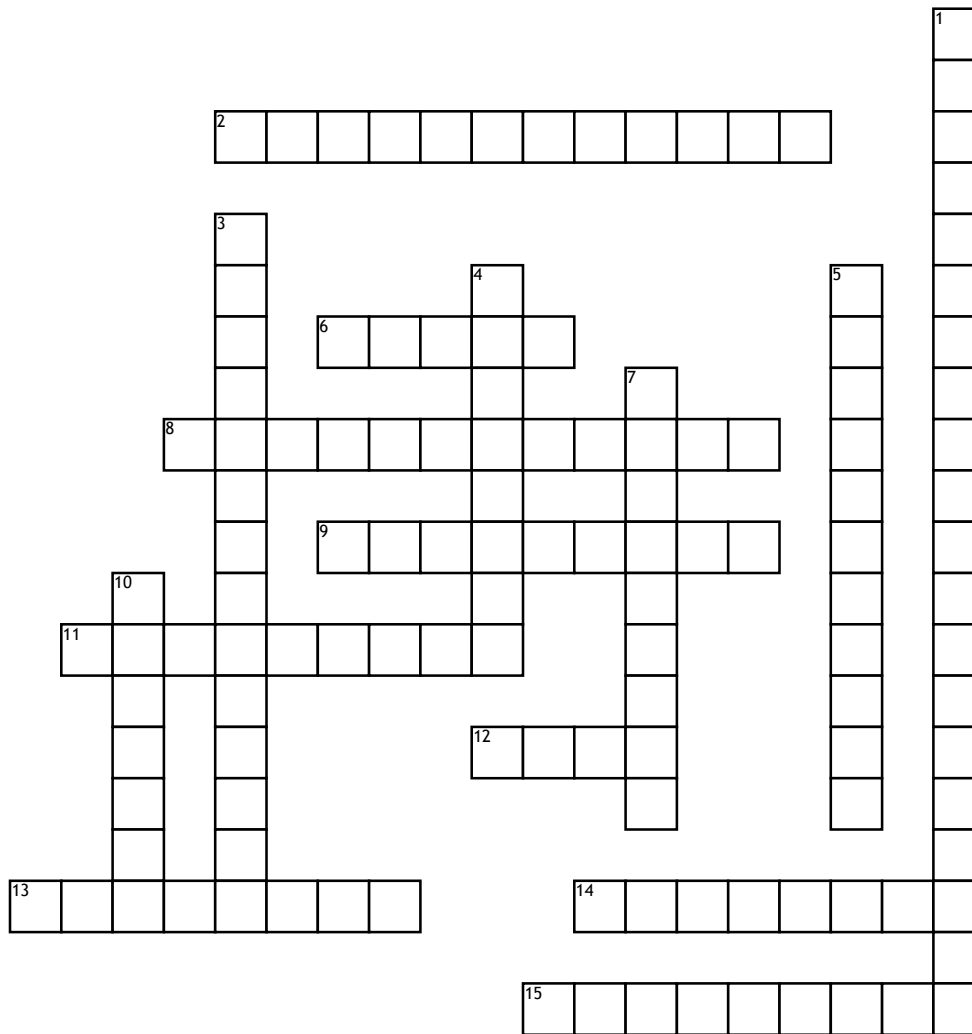


Name: _____

Date: _____

Cells



Across

2. a biological membrane that separates the interior of all cells from the outside environment

6. slender, microscopic, hair-like structures or organelles that extend from the surface of nearly all mammalian cells

8. organelles that act like a digestive system which takes in nutrients, breaks them down, and creates energy rich molecules for the cell

9. the material or protoplasm within a living cell, excluding the nucleus

11. an organism consisting of a cell or cells in which the genetic material is DNA in the form of chromosomes contained within a distinct nucleus

12. the smallest structural and functional unit of an organism

13. an organelle in the cytoplasm of eukaryotic cells containing degradative enzymes enclosed in a membrane

14. a rigid layer of polysaccharides lying outside the plasma membrane of the cells

15. a slender threadlike structure

3. a complex of vesicles and folded membranes within the cytoplasm of most eukaryotic cells

4. a minute particle consisting of RNA and associated proteins, found in large numbers in the cytoplasm of living cells

5. a plastid that contains chlorophyll and in which photosynthesis takes place

7. any of a number of organized or specialized structures within a living cell

10. What is the control center of a cell

Down

1. a network of membranous tubules within the cytoplasm of a eukaryotic cell

Word Bank

Cilia

Cell membrane

Ribosome

Flagellum

Chloroplast

Golgi Apparatus

Cell

Cytoplasm

Mitochondria

Lysosome

Organelle

Eukaryote

Nucleus

Endoplasmic reticulum

Cell wall