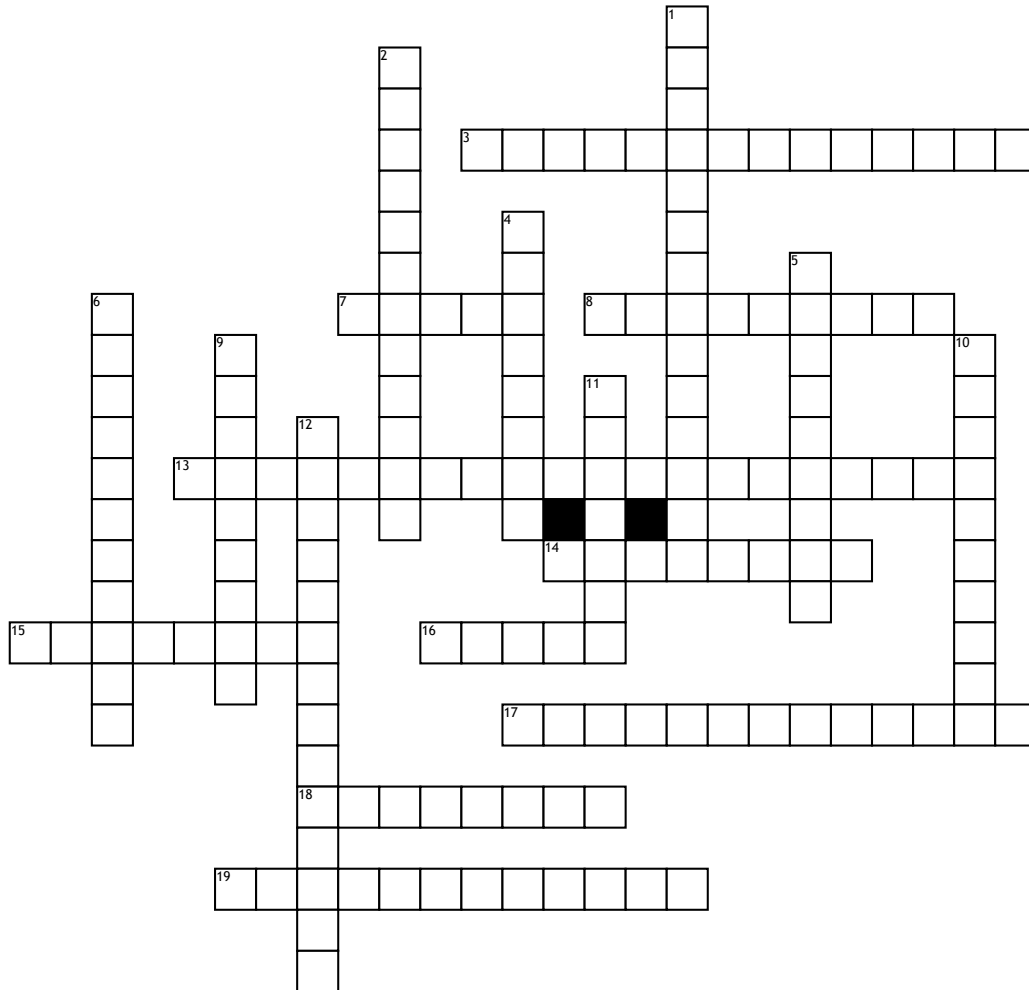


Name: _____

Genetics Crossword Puzzle



Across

3. the membrane found in all cells that separates the interior of the cell from the outside environment

7. a hair-like appendage found on the surface of many bacteria and archaea

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

13. a network of membranous tubules within the cytoplasm of a eukaryotic cell, continuous with the nuclear membrane.

14. a rigid layer of polysaccharides lying outside the plasma membrane of the cells of plants, fungi, and bacteria

15. a slender threadlike structure, especially a microscopic appendage that enables many protozoa, bacteria, spermatozoa, etc. to swim.

16. a small infectious agent that replicates only inside the living cells of an organism

17. a membrane bound structure found within a cell

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

19. an organelle found in large numbers in most cells, in which the biochemical processes of respiration and energy production occur.

Down

1. organisms whose cells have a nucleus enclosed within membranes

2. a type of biological cell, they constitute a large domain of prokaryotic microorganisms

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

5. a cell produced through hematopoiesis and found mainly in the blood

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

9. eukaryotic cells present in green plants

10. a type of cell that dominates most of the tissue cells in animals

11. a membrane-bound organelle that contains the cell's chromosomes.

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

Word Bank

blood cell

Virus

cell organelle

plasma membrane

mitochondria

animal cell

chloroplast

golgi apparatus

bacteria cell

cytoplasm

cell wall

nucleus

lysosome

plant cell

eukaryotic cell

endoplasmic reticulum

pilus

flagella

ribosome