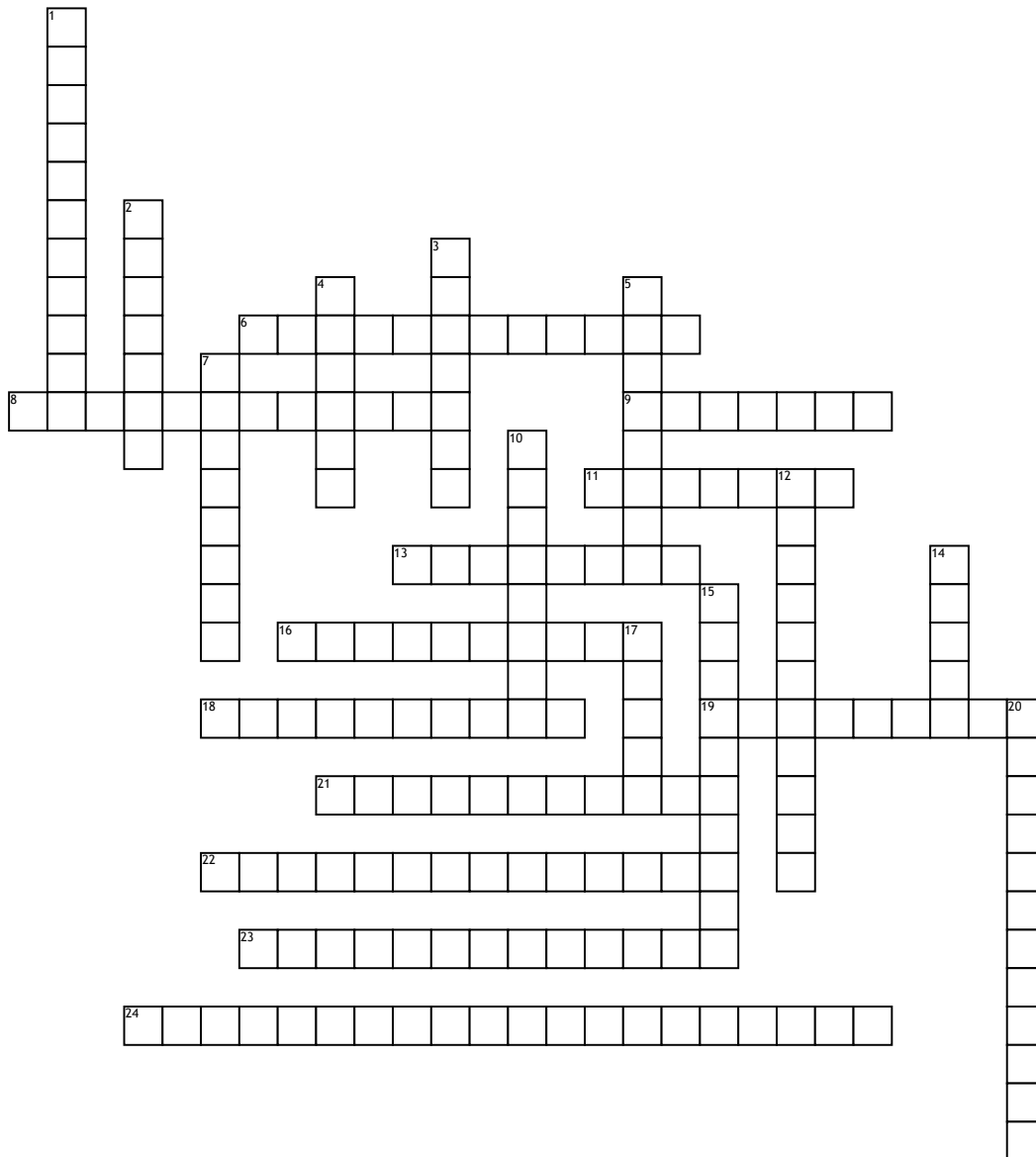


Name: _____

Date: _____

Section 1.1.1



Across

6. What is the process of engulfing a particle into the cell called?

8. What is the organelle that is made of a double layer of phospholipids that form a boundary between a cell and the surrounding environment and controls the passage of materials into and out of the cell?

9. What is the diffusion of water called?

11. What is the part of the Endoplasmic Reticulum that contains ribosomes?

13. What is the part of the Endoplasmic Reticulum that doesn't contain ribosomes?

16. What is the name for the part found in chloroplasts that house the light dependent reactions of photosynthesis?

18. What is the organelle that releases spindle fibers?

19. What is the organelle that is a jelly-like substance that surrounds all organelles?

21. What is the organelle that aids in photosynthesis?

22. What is the organelle that is a stack of flat, enclosed membranes whose purpose is to process sort and deliver proteins? *aka the post office for the cell*

23. What is the organelle that attaches to centromeres in metaphase of mitosis?

24. What is the organelle that is a interconnected network of thin folded membranes that produce process and distribute proteins? *hint: has two parts*

Down

1. What is the name for the process by which a photosynthetic organism uses energy to synthesize simple sugars from carbon dioxide?

2. What is the organelle that is used to store materials such as water food or enzymes needed by a cell?

3. What is the organelle that contains the majority of the cells genetic information?

4. What part of the mitochondria allows for a large surface area for things like the electron transport chain and krebs cycle to occur?

5. What is the organelle that is the site of protein synthesis (translation)?

7. What is the organelle that is the rigid outer structure that gives shape, protection and structure to cells of plants, algae, fungi and bacteria?

10. What is the organelle that acts as the garbage disposal for the cell?

12. What is the intake of molecules into the cell by the inward folding of the cell membrane called?

14. What is the name for stacks of thylakoids?

15. What is the process of releasing substances out of the cell by the fusion of a vesicle with the cell membrane?

17. What is the name of the fluid surrounding grana in the chloroplast?

20. What is the organelle that is the "powerhouse " of the cell?