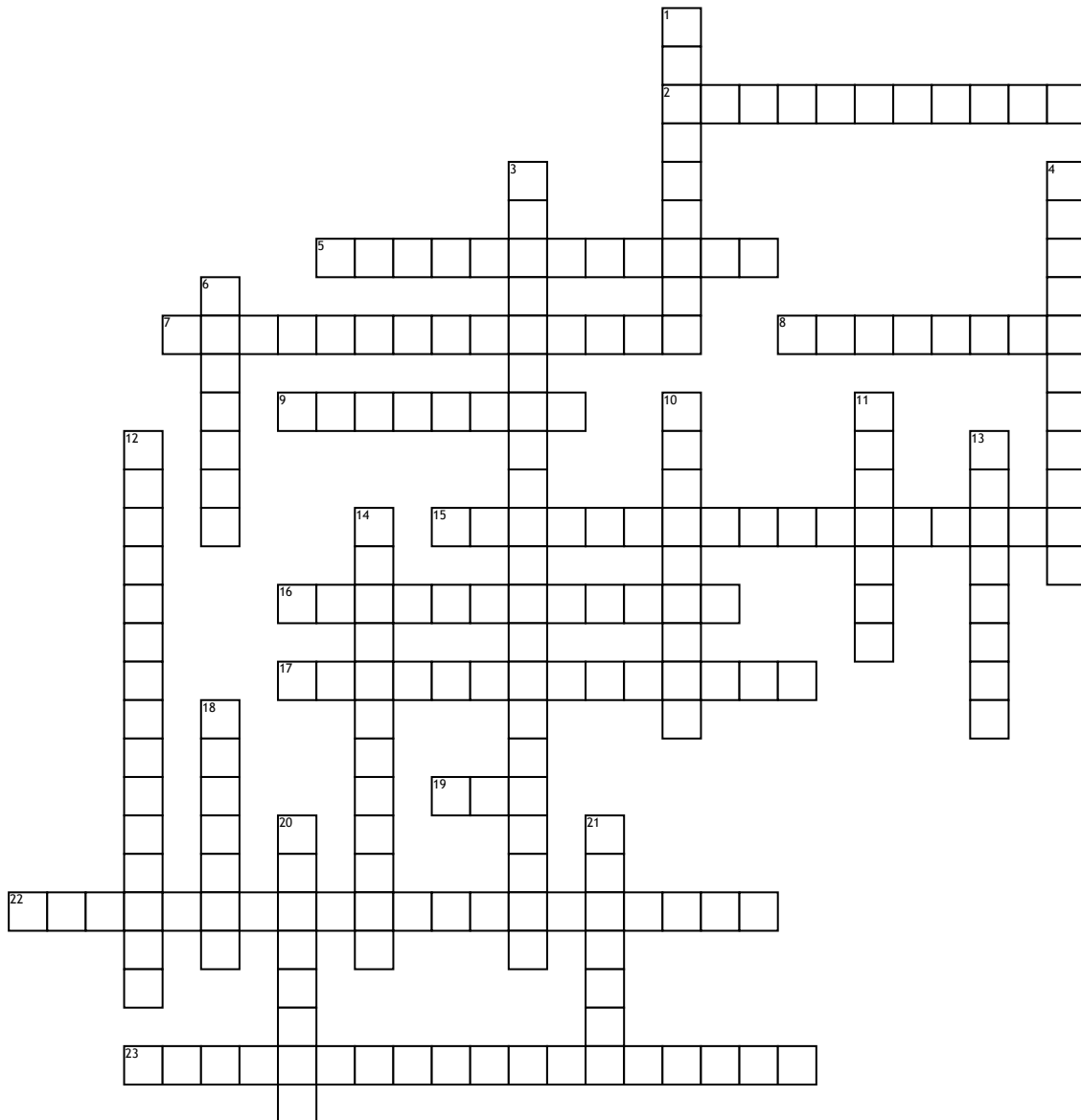


Name: _____

Date: _____

Parts of the Cell



Across

2. What structure carries genetic information?
5. What are the thin, hollow cylinders made of protein that provide structural support for eukaryotic cells called?
7. What organelle has a system of flattened tubular membranes and modifies proteins and sends them to their appropriate destination?
8. What part of the endoplasmic reticulum is free of ribosomes?
9. What are sacs made of membrane called?
15. How do products transport to their destination?
16. What is the cellular framework found within the cytoplasm composed of microtubules and microfilaments called?

17. What are the thin, solid protein fibers that provide structural support for eukaryotic cells called?
19. What is the abbreviation of extracellular matrix?
22. What does ER stand for?
23. What is the collection of membranes inside and surrounding a eukaryotic cell?

Down

1. What structure in the nucleus produces ribosomes?
3. What makes up the permanent framework of the cell?
4. What is the organelle that captures light energy from the sun and converts it to chemical energy in food molecule?
6. What portion of the ER has ribosomes attached?

10. What is found floating the the cytoplasm or attached to the endoplasmic reticulum?
11. What is the group of plant organelles that are used for storage of starches, lipids, and pigments?
12. What is the double membrane that surrounds the nucleus?
13. What is only found in plant cells and is a protective layer outside of the plasma membrane?
14. What is the powerhouse of the cell?
18. What is responsible for temporary storage of materials?
20. Which organelle contains digestive enzymes and digests excess or worn out organelles, food particles, and engulfs viruses and bacteria?
21. What organelle in a eukaryotic cell is the control center of the cell?