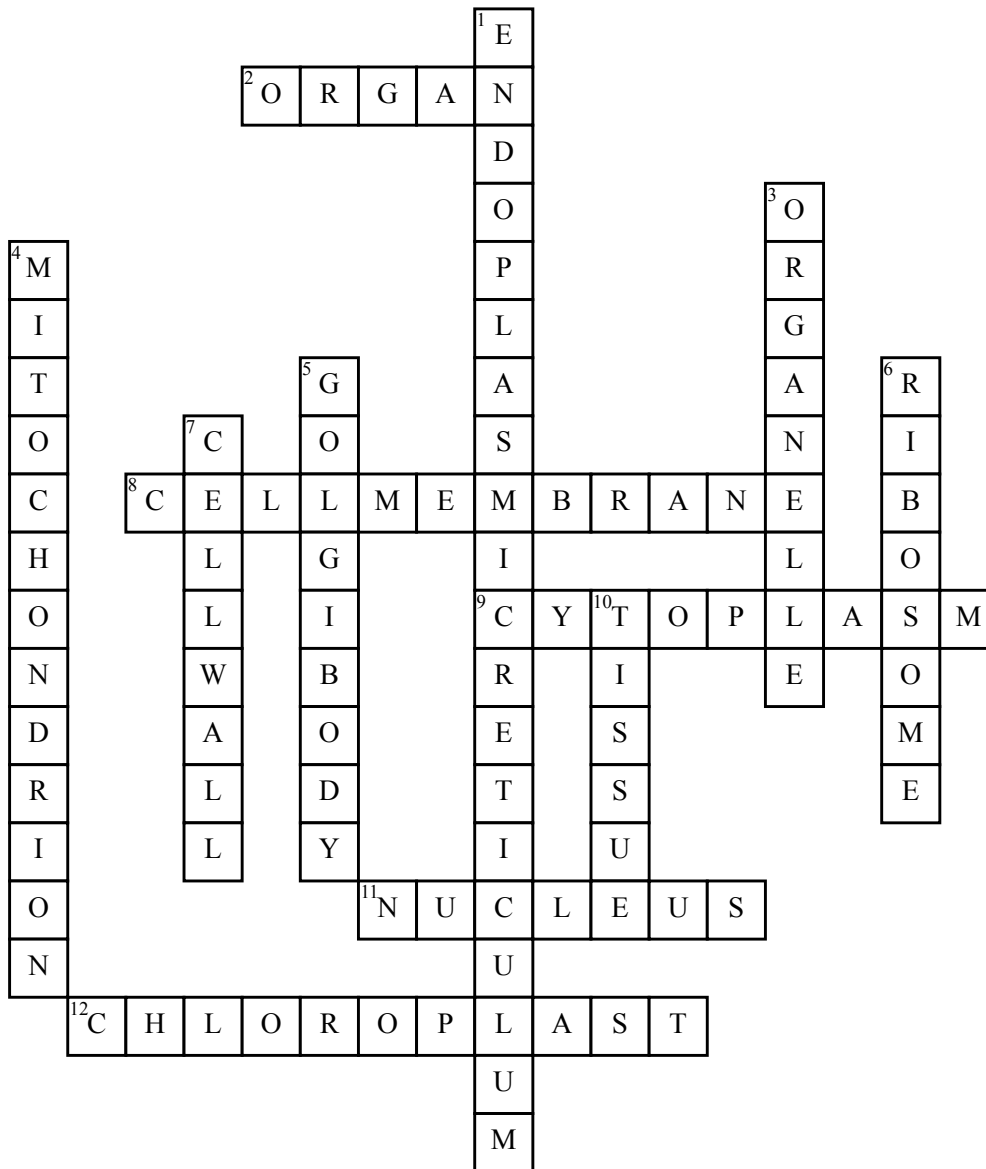


Name: \_\_\_\_\_

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

# Cell structure



## Across

2. Structure, such as the heart, made of different types of tissues that work all together

8. A protective outer covering of all cells that regulates the interaction between the cells and the environment.

9. A constantly moving gel-like mixture inside the cell membrane that contains hereditary material and is the location of most of a cell's life processes.

11. An organelle that controls all the activities of a cell and contains hereditary material made of proteins and DNA.

12. A green, chlorophyll-containing, plant-cell organelle that uses light energy to produce sugar from carbon dioxide and water.

## Down

1. Cytoplasmic organelle mix materials around in this complex series of folded membranes can be rough (with attached ribosome) or smooth (without attached ribosomes).

3. A structure in the cytoplasm of a eukaryotic cell that can act as a storage site, process energy, move materials or manufacture substances.

4. A cell organelle that breaks down food and releases energy

5. Organelles that package materials and transfer them within the cell or out of the

6. Small cytoplasmic structure on which cells make their own proteins

7. A rigid structure that encloses, supports, and protects the cells of plants, algae, fungi, and most bacteria.

10. Group of similar cells that work together to do one job