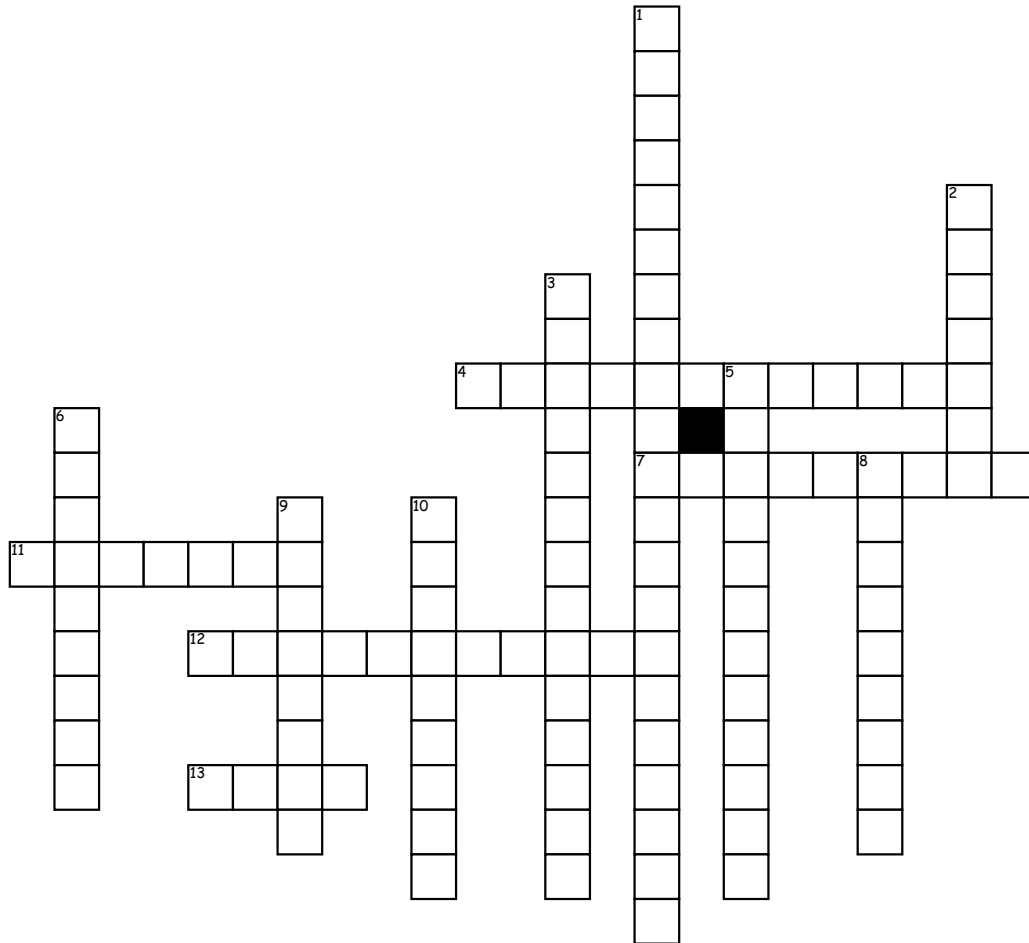


Plant cell and Animal



Across

4. A thin, flexible barrier that surrounds a cell and controls which substances pass into and out of a cell.

7. The thick fluid region of a cell located inside the cell membrane or between the cell membrane and nucleus.

11. A sac-like organelle that stores water, food, and other materials.

12. An organelle in the cells of plants and some other organisms that captures energy from sunlight and changes it to an energy form that cells can use in making food.

13. The basic unit of structure and function in living things.

Down

1. An organelle that forms a maze of passageways in which proteins and other materials are carried from one part of the cell to another.

2. A large oval organelle that contains the cell's genetic material in the form of DNA and controls many of the cell's activities.

3. An organelle in a cell that receives proteins and other newly formed materials from the endoplasmic reticulum, packages them, and distributes them to other parts of the cell.

5. Rod-shaped organelles that convert energy in food molecules to energy the cell can use to carry out its functions.

6. A tiny cell structure that carries out a specific function within the cell.

8. A cell organelle which contains chemicals that break down large food particles into smaller ones and that can be used.

9. A rigid supporting layer that surrounds the cells of plants and some other organisms.

10. A small grain-shaped organelle in the cytoplasm of a cell that produces proteins.

Word Bank

Cell Membrane

Mitochondria

Cytoplasm

Endoplasmic Reticulum

Chloroplast

Ribosomes

Nucleus

Golgi Apparatus

Cell Wall

Lysosomes

Vacuole

Cell

Organelle