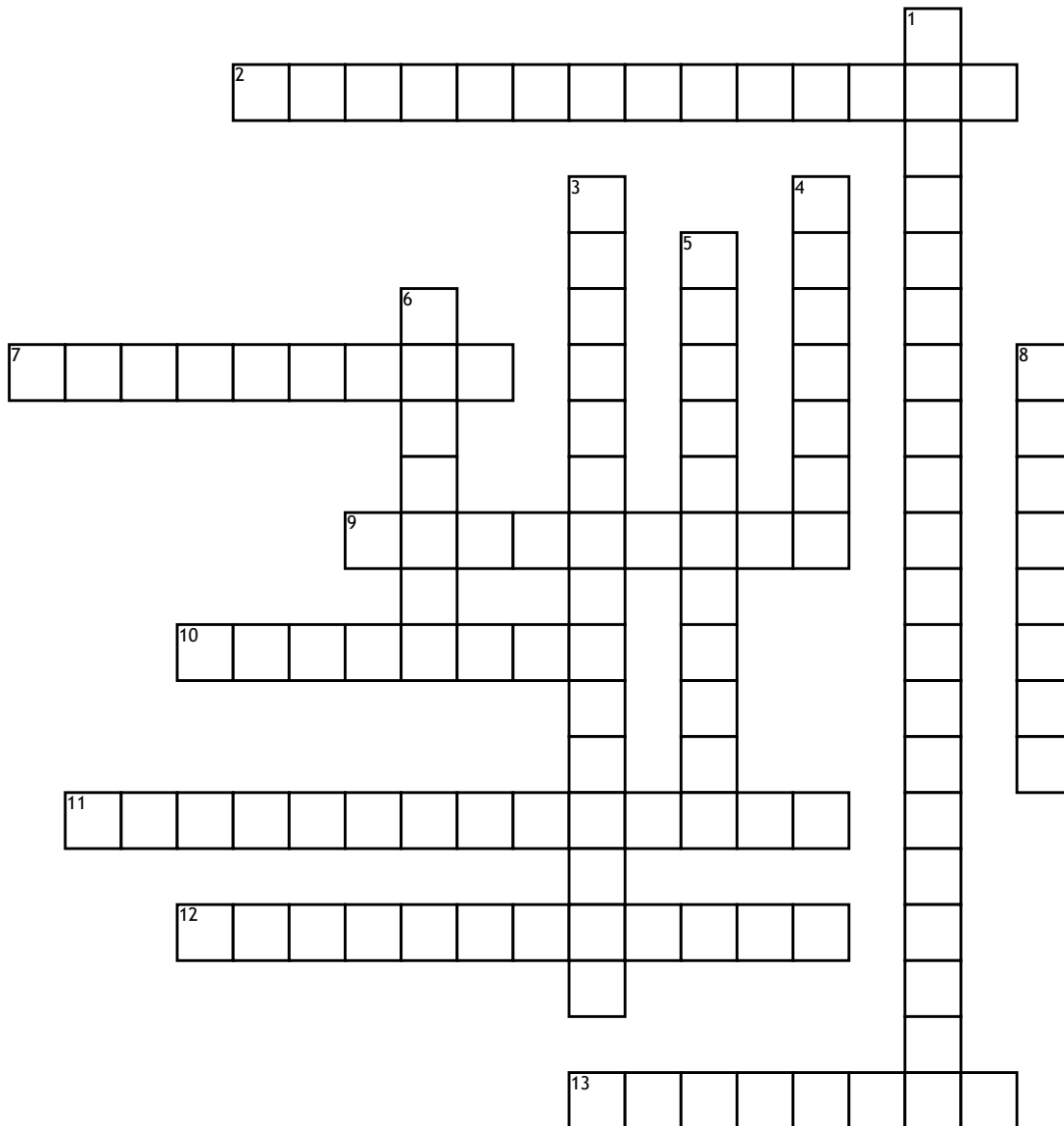


Name: \_\_\_\_\_

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

# Cell Organelle Function



## Across

2. A flexible boundary that controls the movement of substances into and out of the cell.

7. A small round organelle inside the nucleus that produces ribosomes

9. Organelles that occur in pairs and are important only for cell division.

10. A vesicle containing digestive enzymes for the breakdown of food or old cellular parts.

11. A flattened stack of tubular membranes that modify proteins and package them into vesicles.

12. A membrane bound organelle that makes energy for the cell by burning carbohydrates (respiration)

13. Small round organelle that is the "reader" for protein synthesis.

## Down

1. A highly folded membrane that is a site for protein synthesis.

3. A flexible boundary around the nucleus that keeps DNA in but allows RNA out.

4. A membrane bound vesicle for the storage of materials.

5. A double membrane organelle filled with thylakoids containing chlorophyll. The site for making carbohydrates from light. (photosynthesis)

6. Control center of the cell that contains coded directions for the production of proteins and cell division.

8. An inflexible barrier that provides support and protects the cell.