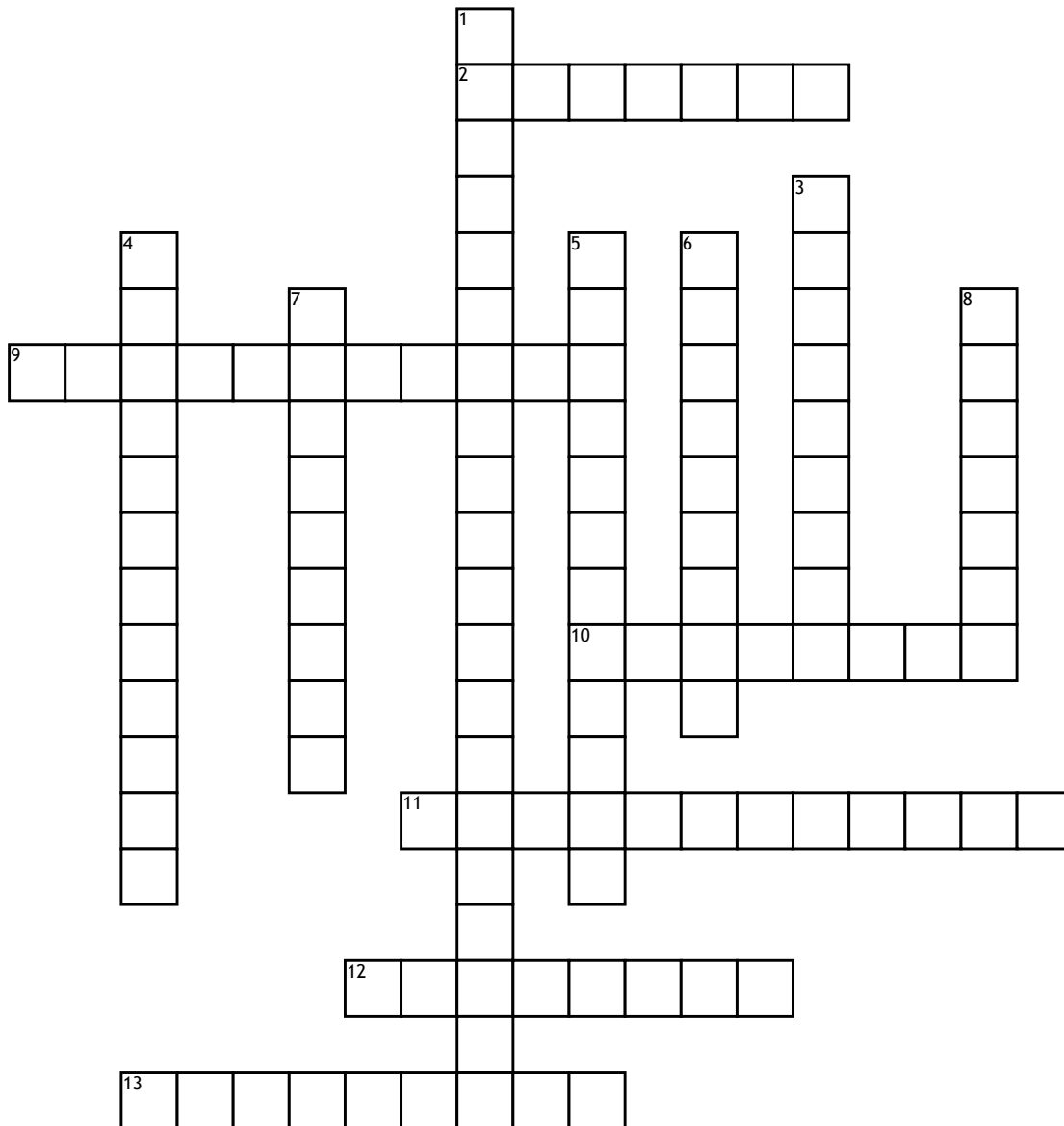


Plant and Animal Cell (Ag)



Across

2. control center of the cell; contains DNA

9. uses the energy of sunlight to produce glucose during photosynthesis

10. vesicle that contains substances that break down materials

11. produces energy

12. provides rigid structure and protection; made of cellulose

13. where proteins are made in the cell

Down

1. passageways that transport proteins within the cell

3. composed of protein and RNA; involved in ribosome production

4. surrounds the internal cell parts; controls passage of materials in and out of the cell

5. provides strength and shape to the cell; network of protein fibers

6. everything inside of the cell membrane except for the nucleus

7. packages and transports proteins from the ER to other parts of the cell

8. vesicle that provides storage of water and other materials