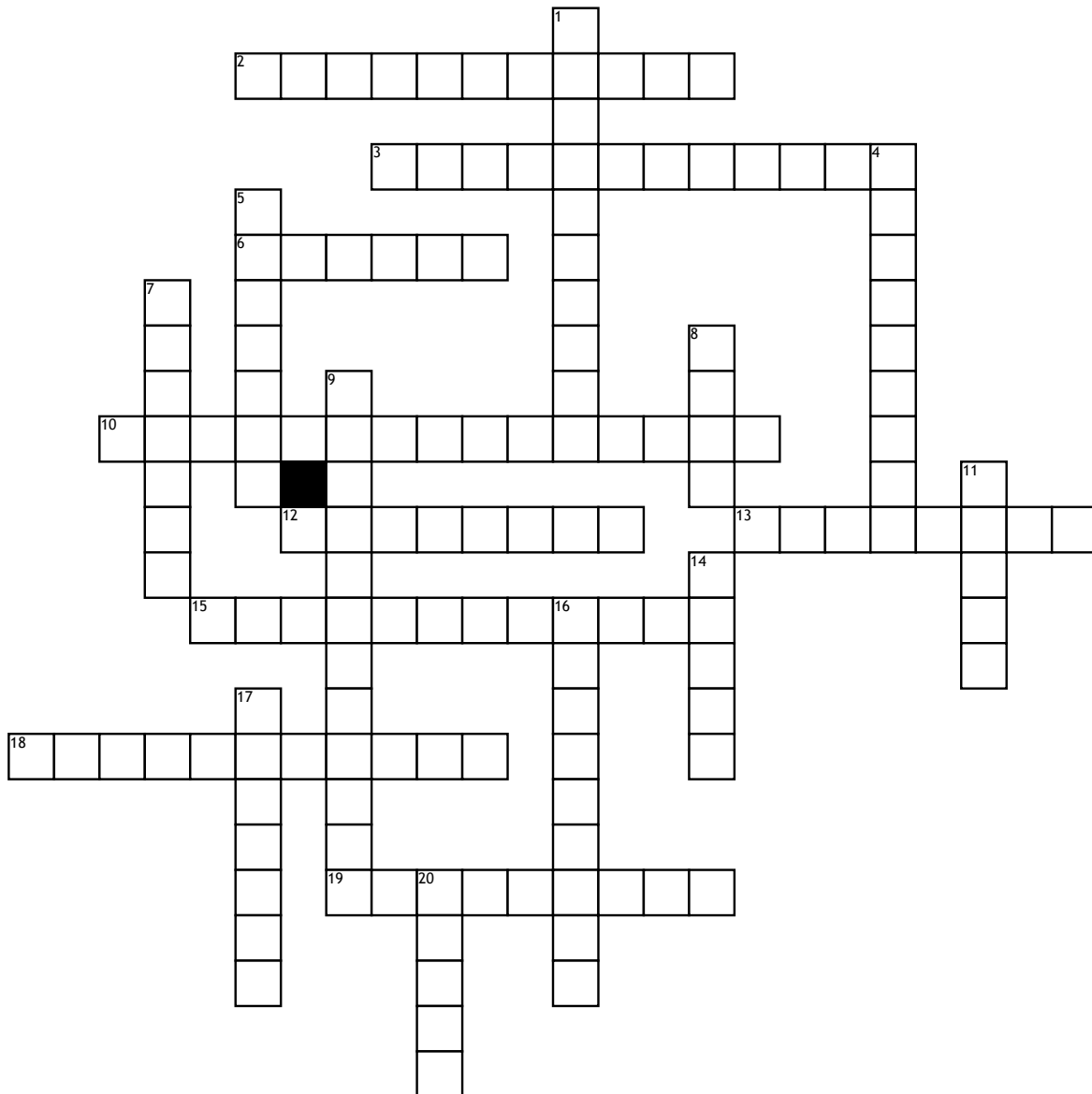


Term 1 Biology



Across

- 2. Where does photosynthesis take place?
- 3. Where does cellular respiration take place?
- 6. The one component in photosynthesis that is not recycled and must constantly be available
- 10. A substance moves against the concentration gradient.
- 12. A plant cell has this but an animal cell does not.
- 13. Energy is a _____ of photosynthesis
- 15. What is the structure that converts nutrients to energy?

18. A cell with free-floating DNA and a cell wall.

19. The scientist who discovered that all plants are made of cells.

Down

- 1. The first phase of cellular respiration?
- 4. The type of respiration that does not require oxygen
- 5. The type of respiration that requires oxygen
- 7. C₆H₁₂O₆
- 8. Aerobic respiration creates _____ (more or less) ATP than anaerobic respiration

9. _____ cannot make their own food and must eat other things to get energy

11. Electron carrier with energy in photosynthesis

14. Electron carrier without energy in photosynthesis

16. A substance moves through a membrane from an area of high concentration to an area of low concentration.

17. CO₂ is a _____ of cellular respiration

20. The scientist who named the cell.