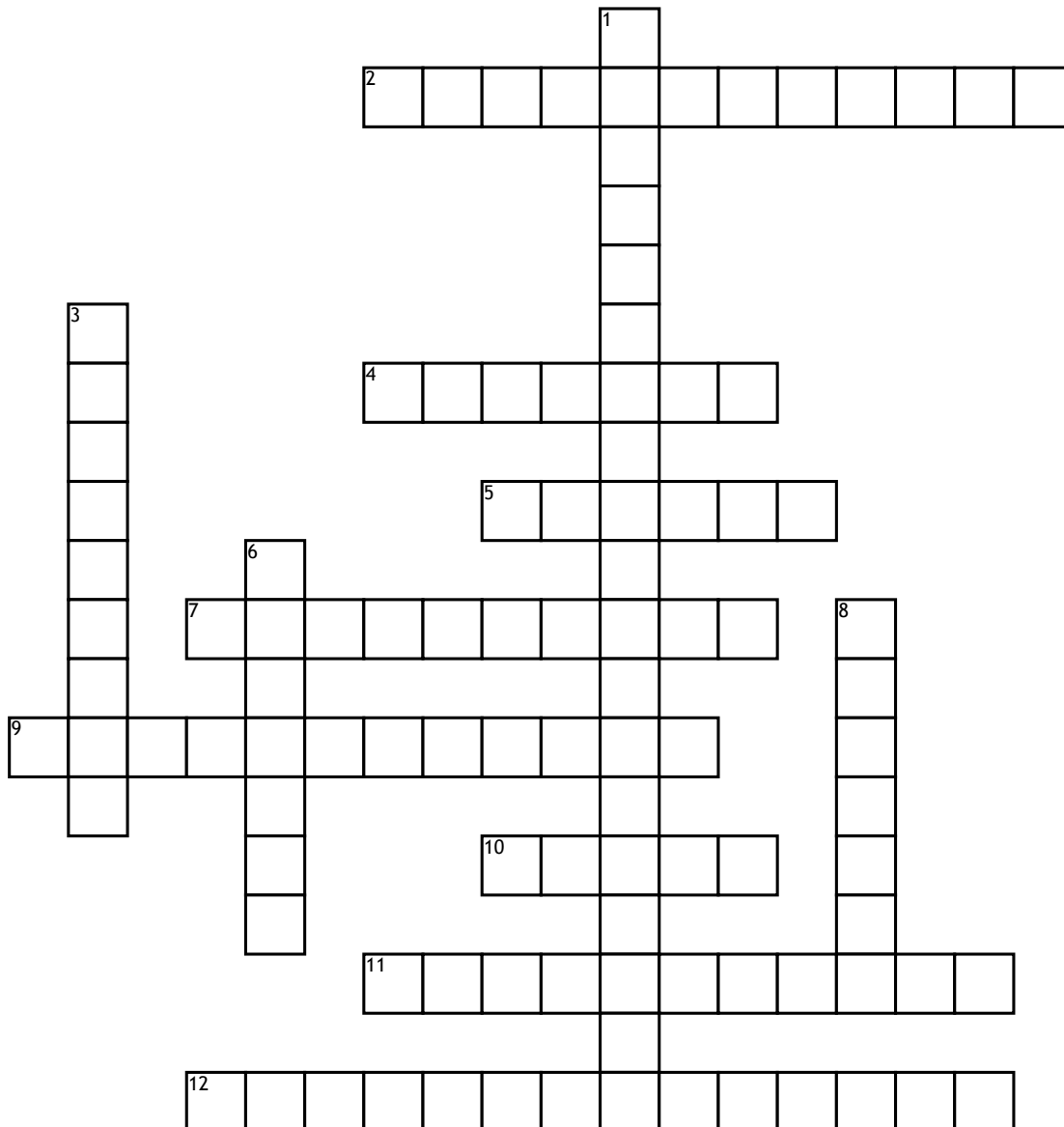


# Cellular Respiration and Photosynthesis



**Across**

- 2. a process in which cells make a limited number of ATP by converting glucose into another organic compound, such as lactic acid or ethanol, without oxygen
- 4. one of the many small pores usually located on the underside of a leaf; aids in gas exchange
- 5. the solution that surrounds the thylakoids in a chloroplast

7. the process in which glucose is broken down into pyruvate acids

9. an organelle found in large numbers in most cells, where cellular respiration occurs

10. a stack of thylakoids in a chloroplast

11. a biochemical pathway of photosynthesis in which CO<sub>2</sub> is converted into carbohydrate

12. The conversion of light energy into chemical energy stored in organic compounds

**Down**

- 1. process by which all living cells convert glucose into ATP
- 3. Without oxygen
- 6. a simple sugar with the molecular formula C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>
- 8. With oxygen