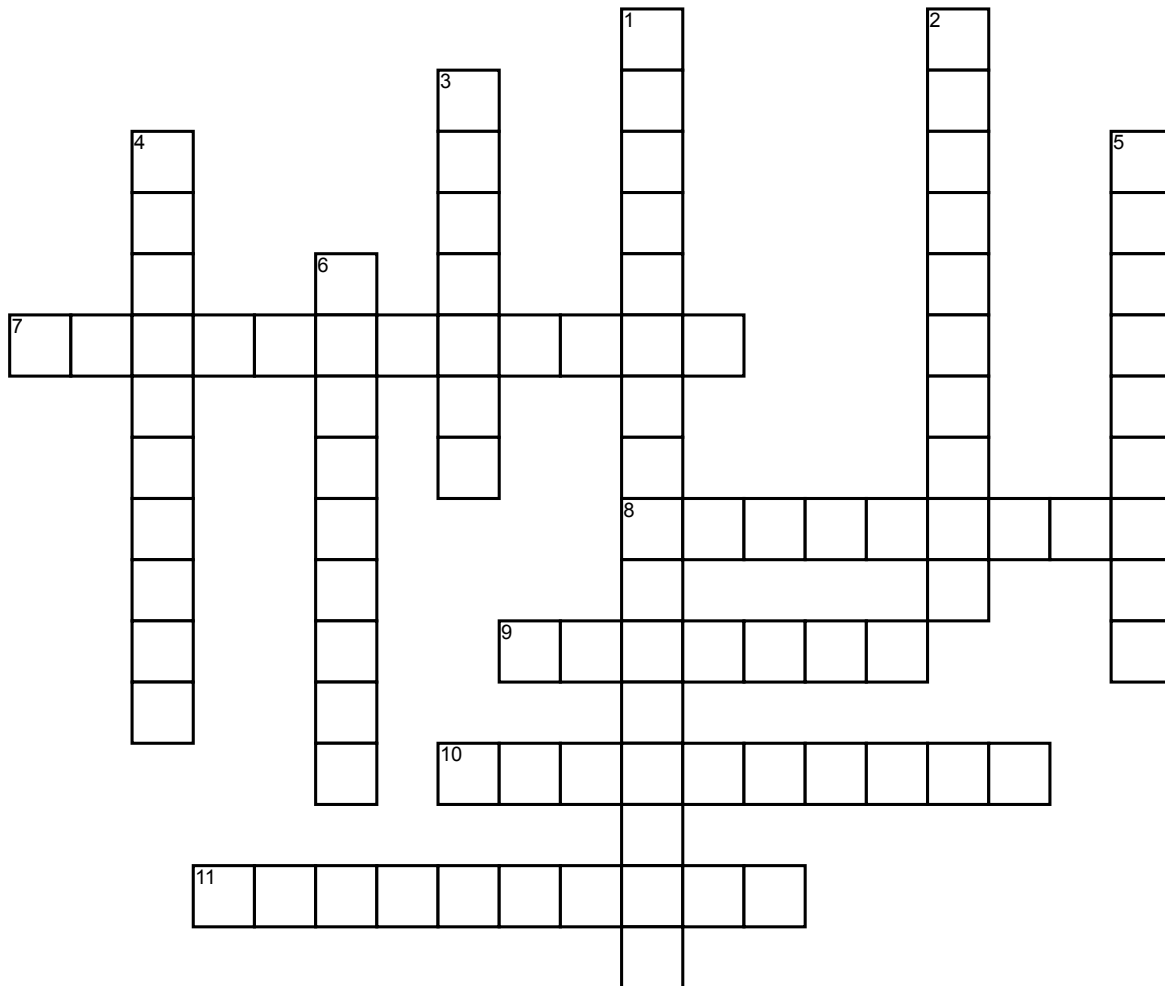


# Cellular Respiration



## Across

7. What occurs in the cytoplasm and regenerates the cell's supply of NAD<sup>+</sup> while producing a small amount of ATP?
8. Glucose is broken down in the \_\_\_\_\_ through the process of glycolysis.
9. A metabolic process that requires oxygen?
10. The first stage of cellular respiration that doesn't require oxygen?
11. Comes from Greek words glykys, meaning sweet, and lysis, meaning to rupture or break.

## Down

1. The first stage, glycolysis, is a what?
2. The series of reactions in which pyruvate is broken down into carbon dioxide is called?
3. Two molecules of \_\_\_\_\_ are formed and two molecules of \_\_\_\_\_ are formed during glycolysis.
4. \_\_\_\_\_ is broken down in the next series of steps of the Krebs cycle, which is the second step.
5. The Krebs cycle begins with \_\_\_\_\_ combining with a 4-carbon compound to form a 6-carbon compound known as citric acid.
6. A metabolic process that doesn't require oxygen?