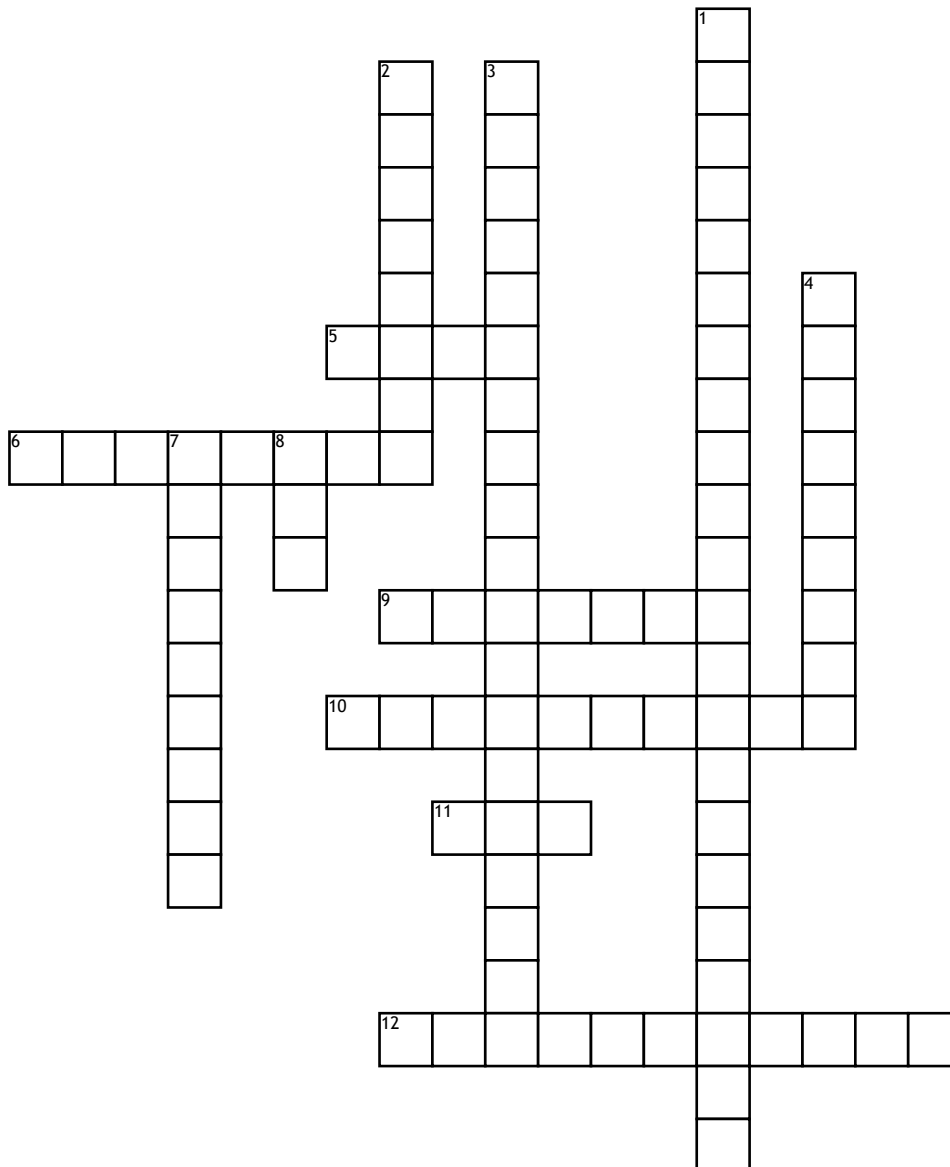


# Glycolysis



## Across

5. The net outcome of glycolysis from one molecule of glucose is: Two ATP molecules, two pyruvate molecules and two ..... molecules.
6. Which enzyme cleaves 1,6-bisphosphate into two three-carbon isomers?
9. What is the product of anaerobic glycolysis?

10. Which enzyme is the first step in glycolysis catalysed by ?

11. When glycogen is used as the substrate for aerobic glycolysis, how many ATP molecules are produced?

12. Steps 1-5 occur in which phase of glycolysis?

## Down

1. Which enzyme is reversible in glycolysis?

2. Which product of glycolysis is the starting point of gluconeogenesis?

3. Which enzyme uses ATP to convert Fructose-6-phosphate into Fructose-1,6-bisphosphate?

4. An enzyme that converts a molecule into one of its isomers

7. The process of removing electrons from a compound

8. What is the energy currency of cellular processes