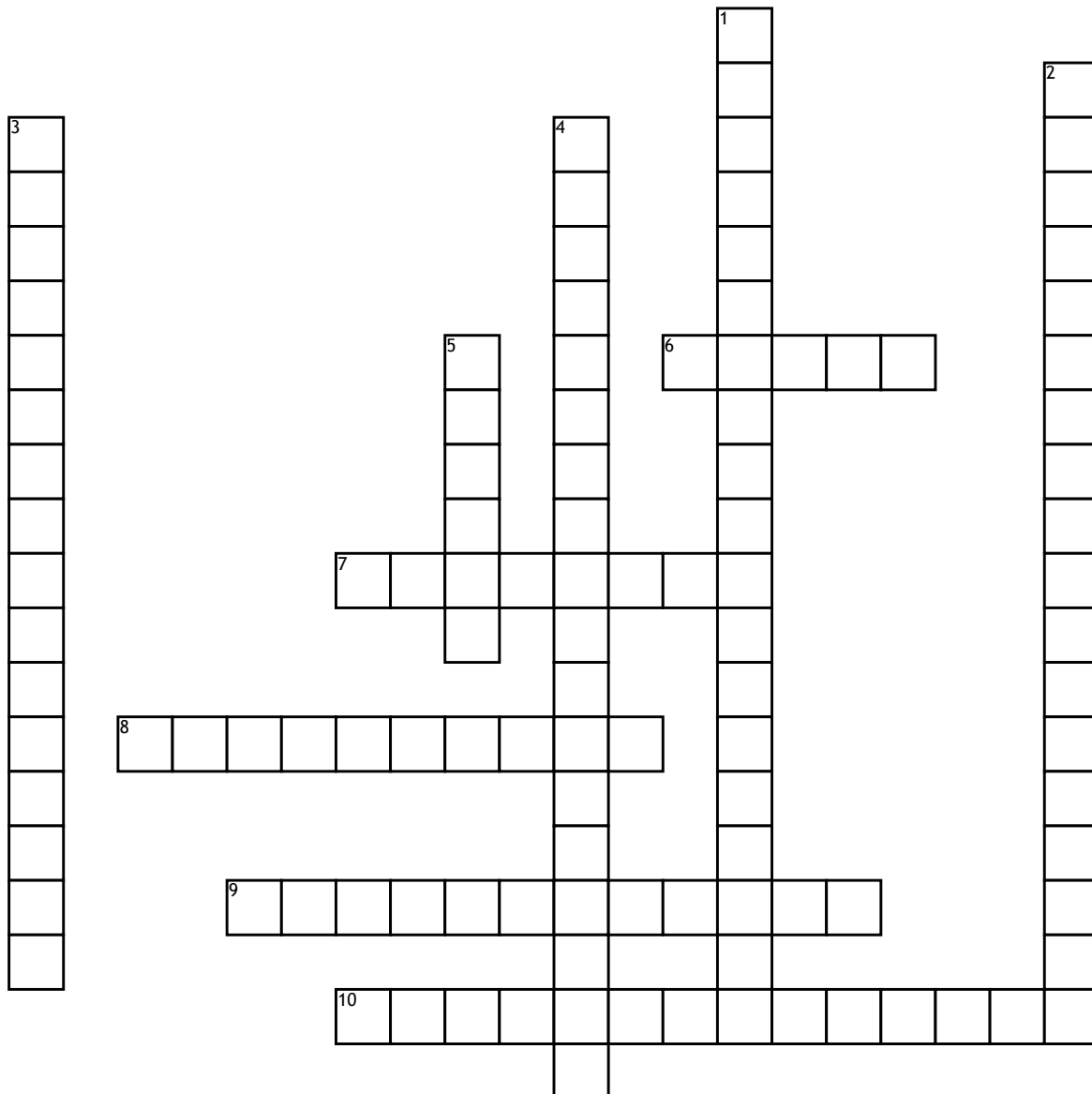


# Cellular Energy



## Across

6. \_\_\_\_\_ is the electron carrier that gets electrons transferred to it.
7. Light-absorbing colored molecules are called \_\_\_\_\_.
8. Glucose is broken down in the cytoplasm through the process of \_\_\_\_\_.
9. \_\_\_\_\_ occurs in the cytoplasm and regenerates the cell's supply NAD<sup>+</sup> while producing a small amount of ATP.
10. \_\_\_\_\_ is the anabolic pathway in which light energy from the sun is converted to chemical energy for use by the cell.

## Down

1. \_\_\_\_\_ is a set of metabolic reactions and processes that take place in the cells of organisms to convert biochemical energy from nutrients into adenosine triphosphate (ATP), and then release waste products.
2. \_\_\_\_\_ does not require energy.
3. \_\_\_\_\_ require oxygen.
4. The \_\_\_\_\_ includes the Krebs cycle and electron transport is an aerobic process.
5. The ability to do work is \_\_\_\_\_.