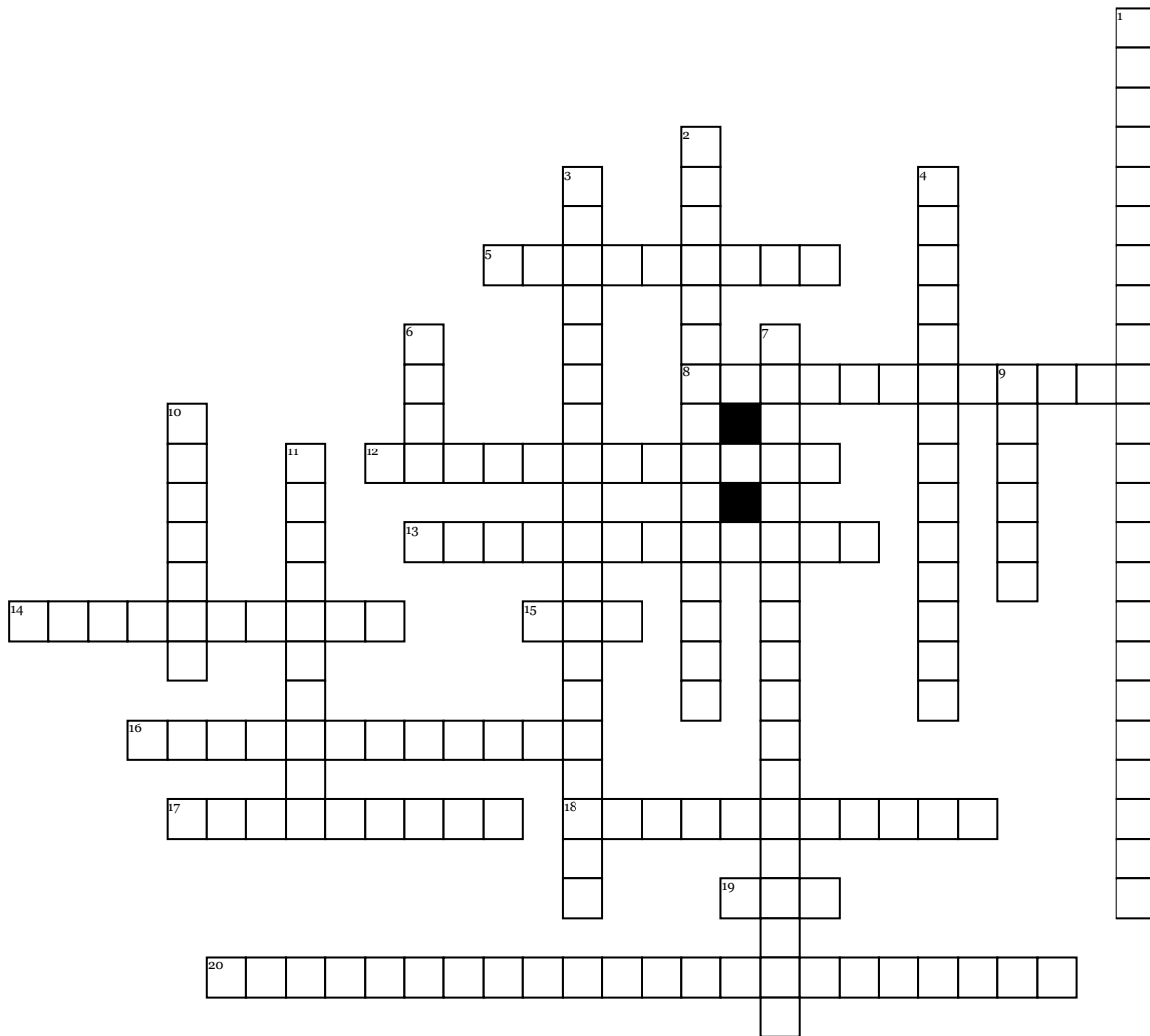


Name: \_\_\_\_\_

# cellular respiration



## Across

- 5.** Where does glycolysis take place?  
**8.** process by which ATP is made using the energy released as protons move across a membrane  
**12.** what pyruvate acid undergoes with no oxygen present?  
**13.** 2ND step of cellular respiration  
**14.** a biochemical pathway in which one six-carbon molecule of glucose is oxidized to produce two three-carbon molecules of pyruvate acid

- 15.** what is regenerated in alcoholic fermentation?  
**16.** where the Krebs cycle takes place (eukaryotes)?  
**17.** does not require the presence of oxygen  
**18.** the process of gas exchange between CO<sub>2</sub> and oxygen  
**19.** what fermentation does not produce?  
**20.** 4th step of cellular respiration

## Down

- 1.** which types of organisms undergo cellular respiration?

- 2.** What accepts Acetyl Co-enzyme A into the Krebs Cycle?  
**3.** the space inside the inner and outer membranes of a mitochondrion  
**4.** Where does the formation of acetyl CoA occur?  
**6.** where the Krebs cycle takes place (prokaryotic)?  
**7.** where pyruvate acid goes when oxygen is available?  
**9.** final electron acceptor of ETC  
**10.** where the reactions of glycolysis take place?  
**11.** 3rd step of cellular respiration