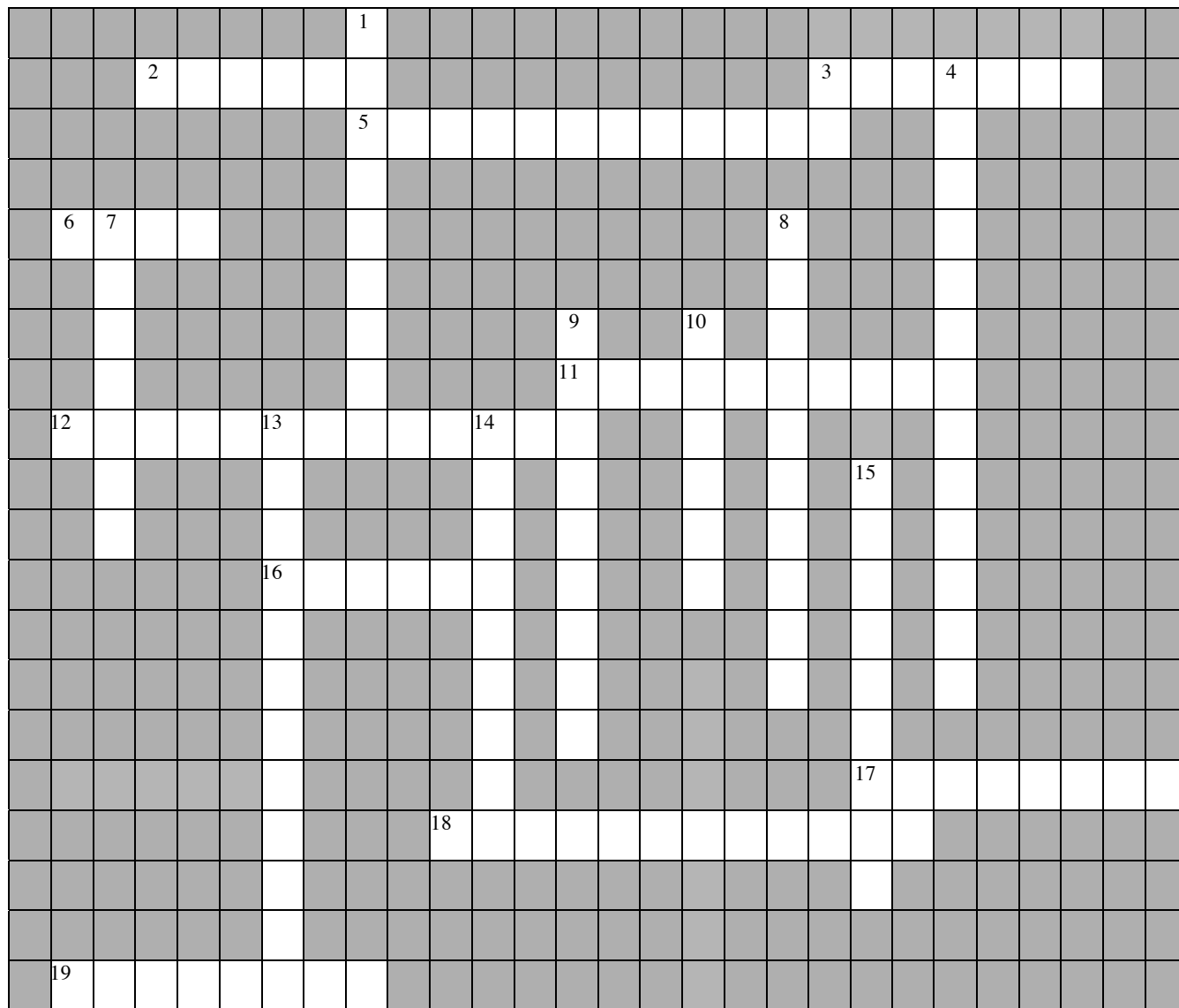


## *Cellular Respiration Crossword Puzzle*



**ACROSS**

2. The purpose of cellular respiration is to create \_\_\_\_ for a cell to function and grow.
3. 6-carbon molecule that is broken down to make ATP.
5. 2<sup>nd</sup> part of 14-DOWN.
6. \_\_\_\_ is released when chemical bonds are broken, but it cannot be used to make ATP.
11. \_\_\_\_ builds up in your muscles without oxygen.
12. Electron Transport Chain occurs in this part of the mitochondria.
16. Gaseous molecule required for aerobic respiration.
17. The type of energy released when glucose is broken down.
18. \_\_\_\_ is a common name for anaerobic respiration.
19. A 3-carbon molecule that is the product of glycolysis.

**DOWN**

1. This is where glycolysis occurs in the cell.
4. This 1-carbon gaseous molecule is a waste product of cellular respiration.
7. The substance that yeast produce when oxygen is not available.
8. The process that splits glucose into 2 3-carbon molecules.
9. These are carried by NADH to the ETC.
10. Where the Krebs cycle occurs.
13. Organelle that is the site of aerobic respiration.
14. ATP stands for \_\_\_\_ (with 5-ACROSS).
15. Pyruvate is converted to \_\_\_\_, which enters the Krebs cycle.

*Cellular Respiration Crossword Puzzle*

**WORD BANK**

Fermentation	Adenosine	Stroma
Electrons	Cytoplasm	Heat
Inner Membrane	Carbon Dioxide	Oxygen
Lactic Acid	Chemical	Glucose
Triphosphate	Acetyl CoA	Energy
Glycolysis	Pyruvate	Ethanol
	Mitochondria	

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