

Cellular Respiration Crossword Puzzle

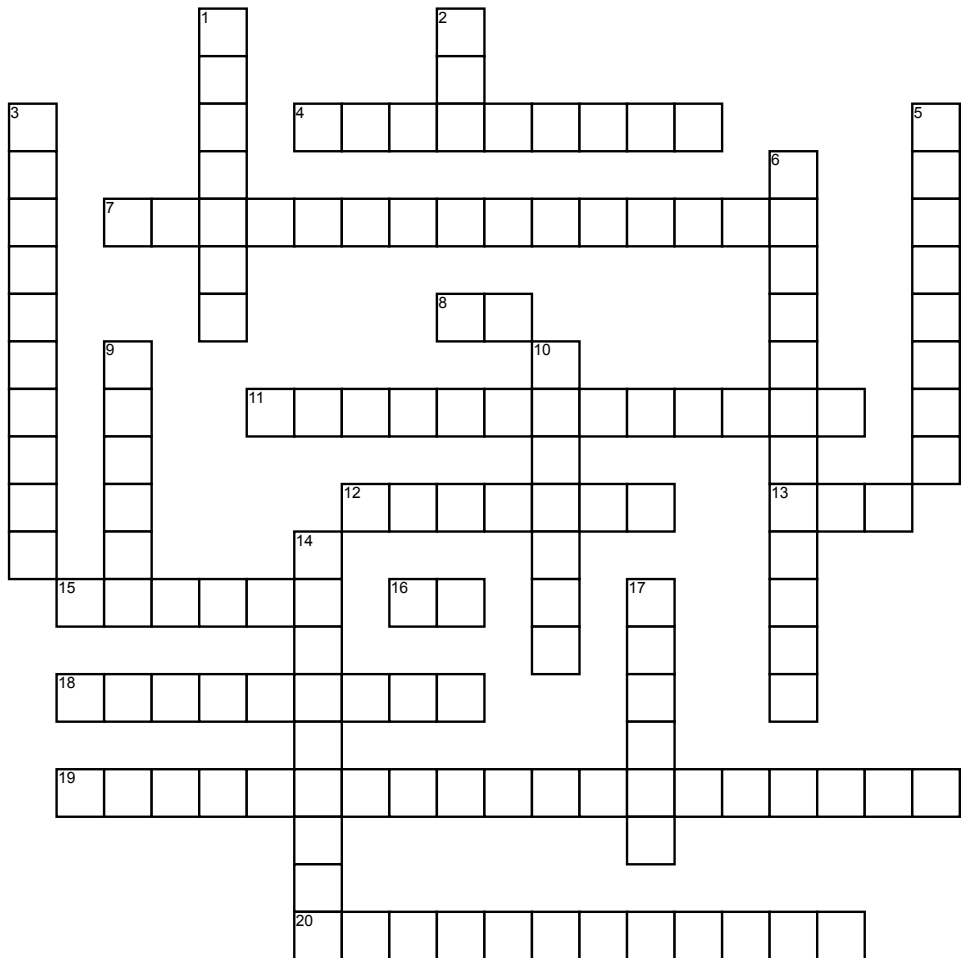
Across

- 4. The type of fermentation used by yeast and few other microorganisms
- 7. What is the other name for the Krebs Cycle?
- 8. Cellular respiration produces a total of _____ ATP molecules from one glucose molecule
- 11. The Electron Transport Chain occurs in the _____ of the mitochondria
- 12. A type of carbohydrate that is used as a raw material for cellular respiration
- 13. What is the energy currency used by all cells to do work?
- 15. What does ATP supply you (your cells) with?
- 16. How many ATP are produced during the electron transport chain stage?
- 18. What term means "oxygen not required"?
- 19. The process by which food is broken down to release energy in the presence of oxygen is known as _____.

20. The organelle involved in cellular respiration is called the _____.

Down

- 1. The folds of the inner membrane of the mitochondria are known as _____.
- 2. How many ATP does the Krebs cycle produces?
- 3. The substance produced in your muscles during rapid exercise when the body cannot supply enough oxygen to the tissues.



- 5. In glycolysis, glucose is split into 2 molecules of _____.
- 6. The process of releasing energy from food molecules by producing ATP in the absence of oxygen.
- 9. Glycolysis is anaerobic which means _____ is not needed.
- 10. The word that means "requires oxygen"
- 14. Where does glycolysis take place in the cell?
- 17. The Krebs cycle takes place in the soupy liquid of the mitochondria called the _____?

