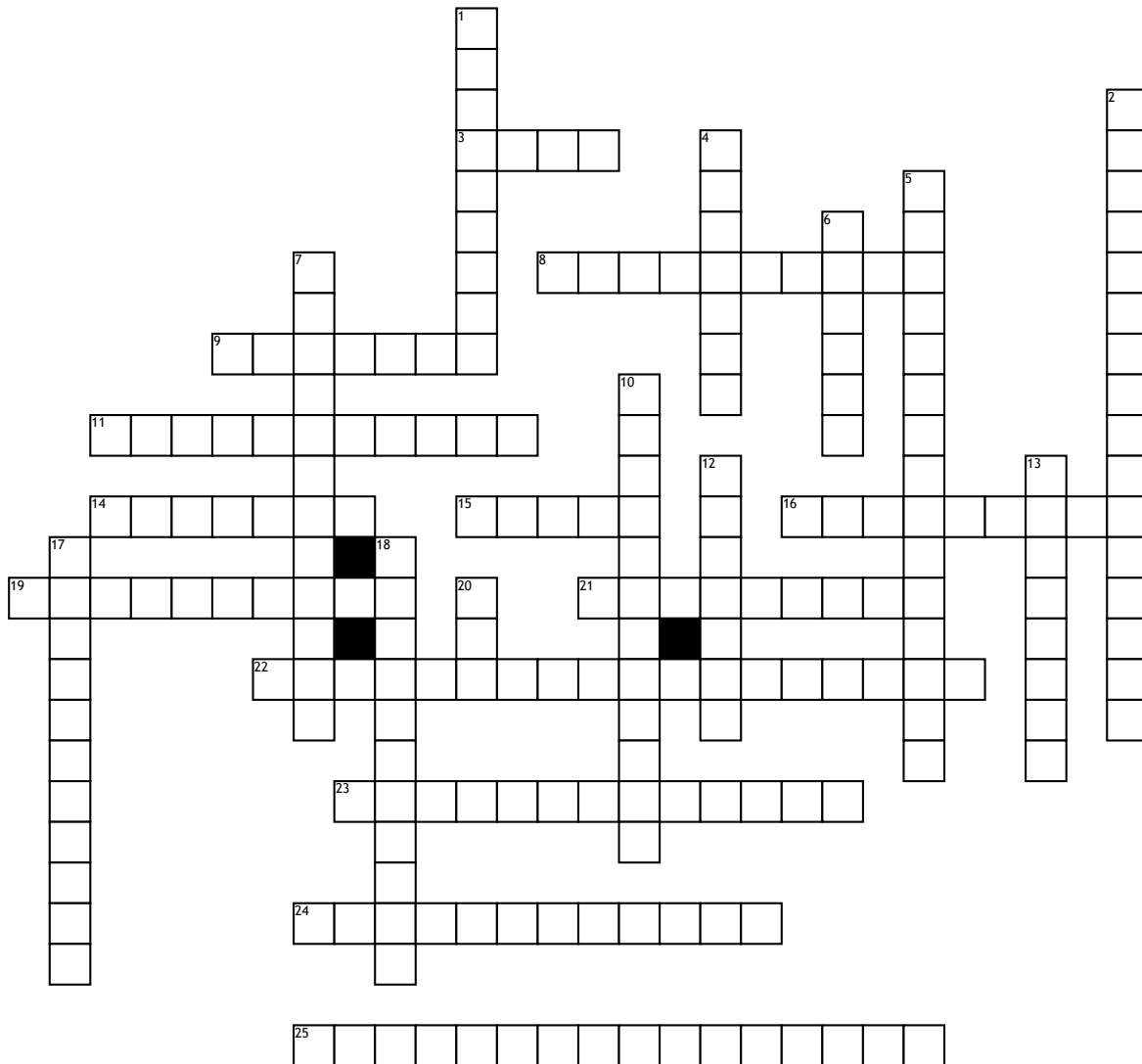


Name: \_\_\_\_\_

Date: \_\_\_\_\_

-----Spiral Crossword----- NO SPACES



**Across**

- 3. How many codons code for five amino acids?
- 8. A mutation that is an insertion or deletion causes every amino acid from that point on to be changed. What's that kind of mutation called?
- 9. What macromolecule's function is to build muscle?
- 11. What is the process by which organisms maintain a constant internal environment?
- 14. What's the name of the proteins that regulates the cell cycle?
- 15. In mitosis, how does the number of chromosomes in the daughter cells compare to the number in the mother cell?
- 16. What type of cell DOES have a nucleus?
- 19. What type of cell does NOT have a nucleus?
- 21. Organelle responsible for making proteins using coded instructions (DNA).

- 22. What's the process called that can enable a one celled zygote to grow into a multi-cellular organism with many different kinds of cells?
  - 23. C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> is a common formula for what macromolecule?
  - 24. When normal cells are going through mitosis, what do they do when the cells touch each other?
  - 25. Theory that states that individuals that tend to survive are the ones that have variations best suited for their environment.
- Down**
- 1. What's the movement of particles from an area of high concentration to an area of low concentration?
  - 2. The amount of energy NEEDED for a chemical reaction to take place
  - 4. What type of cells are produced by meiosis?

- 5. What process moves substances across a cell membrane from an area of low concentration to an area of high concentration (against the concentration gradient)?
- 6. Fatty acids are subunits for what macromolecule?
- 7. Process in which chromosome cross over?
- 10. What macromolecule's function is to carry genetic information?
- 12. What is the diffusion of water?
- 13. An enzyme speeds up the rate of a chemical reaction by \_\_\_\_\_ the activation energy needed for the reaction.
- 17. What is the name of the process in which the cell uses info from the mRNA to produce proteins?
- 18. The process in the cell cycle in which DNA is copied?
- 20. What is a product of cellular respiration?