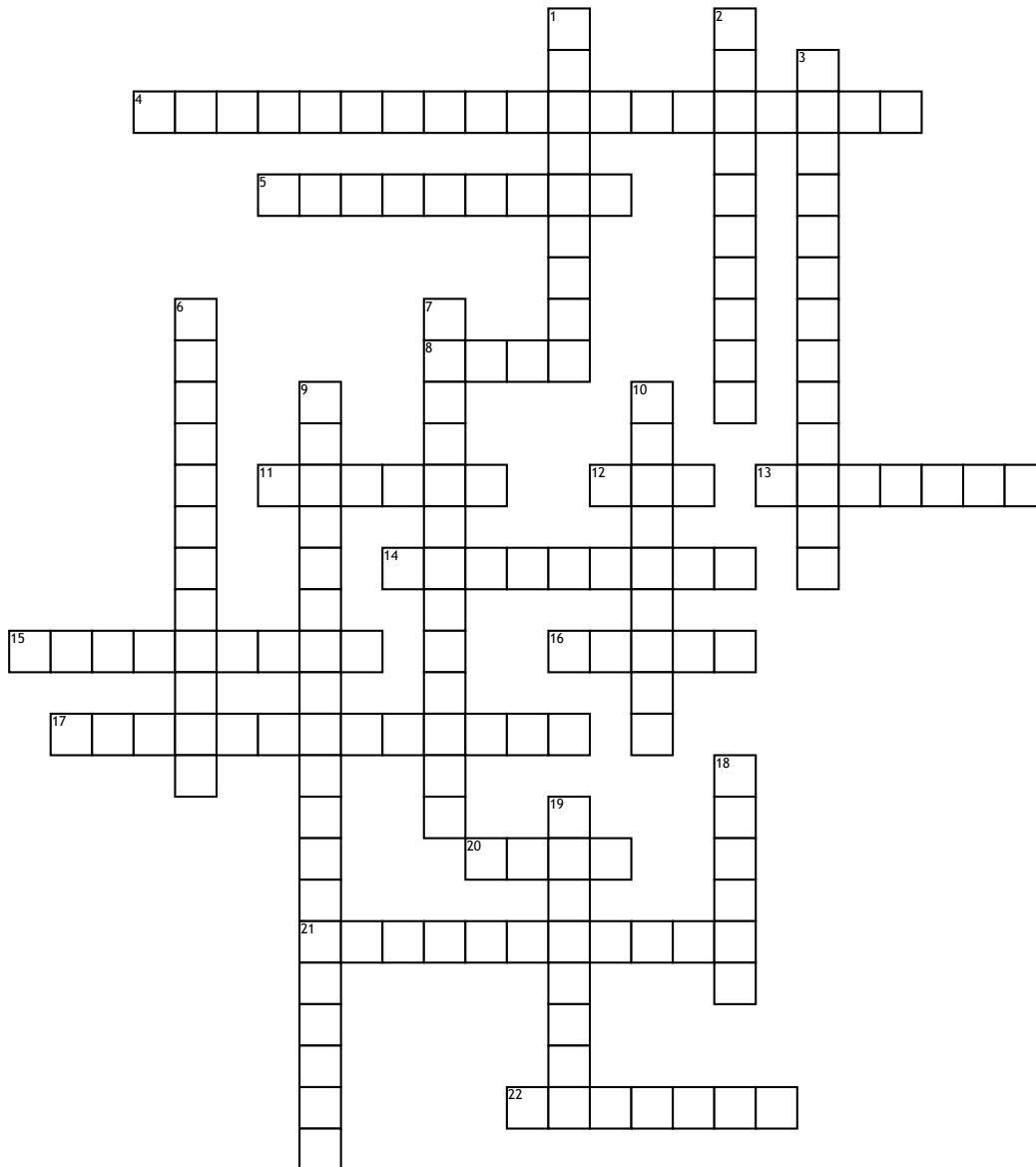


Name: _____

Date: _____

biology



Across

4. process of reproduction involving a single parent that results in offspring that are genetically identical to the parent
 5. compound with an amino group on one end and a carboxyl group on the other end
 8. compound that produces hydroxide ions in solution; solution with a pH of more than 7
 11. sex cell
 12. compound used by cells to store and release energy
 13. scientific study of life
 14. all the organisms that live in a place, together with their nonliving environment

15. group of three bases on a tRNA molecule that are complementary to the three bases of a codon of mRNA
 16. a group of ecosystems that share similar climates and typical organisms
 17. destruction of forests
 20. sequence of DNA codes for a protein and then determines a trait; factor that is passed from parents to offspring
 21. green pigment in plant cells
 22. process that requires oxygen
Down
 1. organism that obtains energy by eating animals
 2. organism that breaks down and obtains energy from dead organic matter

3. type of asexual reproduction in which an organism replicates its DNA and divides in half, producing two identical daughter cells
 6. any living part of the environment with which an organism might interact
 7. physical, or nonliving, factor that shapes an ecosystem
 9. body parts that share a common function, but not structure
 10. organism that is able to capture energy from sunlight or chemicals and use it to produce its own food from inorganic compounds; also called a producer
 18. one of a number of different forms of a gene
 19. phase of mitosis in which the chromosomes separate and move to the opposite ends of the cell