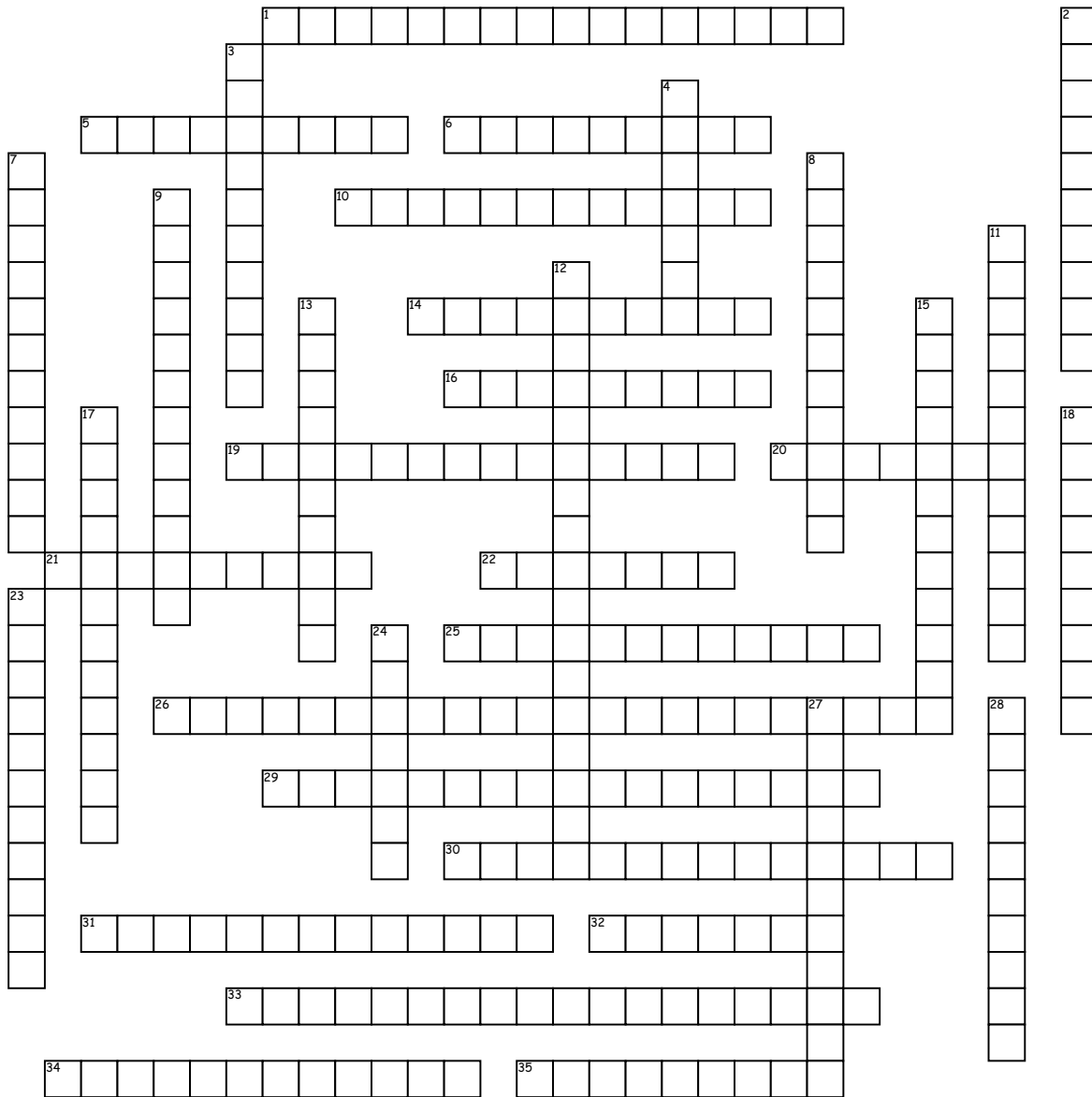


Vocabulary Review Crossword Part 1



Across

1. The largest population that an environment can support at any given time
5. The pathway of energy transfer through various stages as a result of the feeding patterns of a series of organisms
6. A relationship between two species in which one species, the predator, feeds on the other species, the prey
10. Describes an individual that has two different alleles for a trait
14. The anaerobic breakdown of glucose to pyruvic acid, which makes a small amount of energy available to cells in the form of ATP
16. A relationship between two species in which both species benefit
19. A simple sugar that is the basic subunit, or monomer, of a carbohydrate
20. A membrane-bound organelle that contains the cell's DNA
21. One of the two strands of a chromosome that become visible during meiosis or mitosis
22. A diagram that shows the feeding relationships among organisms in an ecosystem
25. The variety of organisms considered at all levels, from populations to ecosystems

26. A series of molecules, found in the inner membranes of mitochondria and chloroplasts, through which electrons pass in a process that causes protons to build up on one side of the membrane
29. Reproduction at a constant rate; never ending growth
30. One of the carbohydrates made up of long chains of simple of simple sugars
31. A mutation in which only one nucleotide or nitrogenous base in a gene is changed
32. A substance that gives another substance or a mixture of its color
33. Reproduction in which gametes from two parents unite
34. The exchange of genetic material between homologous chromosomes during meiosis
35. An organism that produces its own nutrients from inorganic substances or from the environment

Down

2. Describes an individual that has identical alleles for a trait
3. A subunit that consists of a sugar, a phosphate, and a nitrogenous base
4. A process of cell division that forms two new nuclei, each of which has the same number of chromosomes
7. A state that exists when the concentration of a substance is the same throughout a space
8. The raising of crops and livestock for food or for other products that are useful to humans
9. The formation of two cells from one existing cell
11. A relationship between two organisms in which one organism benefits and the other is unaffected
12. The number of individuals of the same species that live in a given unit of area
13. The death of every member of a species
15. The breakdown of carbohydrates by enzymes, bacteria, yeasts, or mold in the absence of oxygen
17. An organism's relative position in a sequence of energy transfers in a food chain or food pyramid, examples include producers and primary, secondary, and tertiary consumers
18. An organism made up of cells that have a nucleus
23. The process of obtaining information by using the senses
24. The study of life
27. An organism that obtains organic food molecules by eating other organisms or their byproducts
28. A single-celled organism that has no nucleus