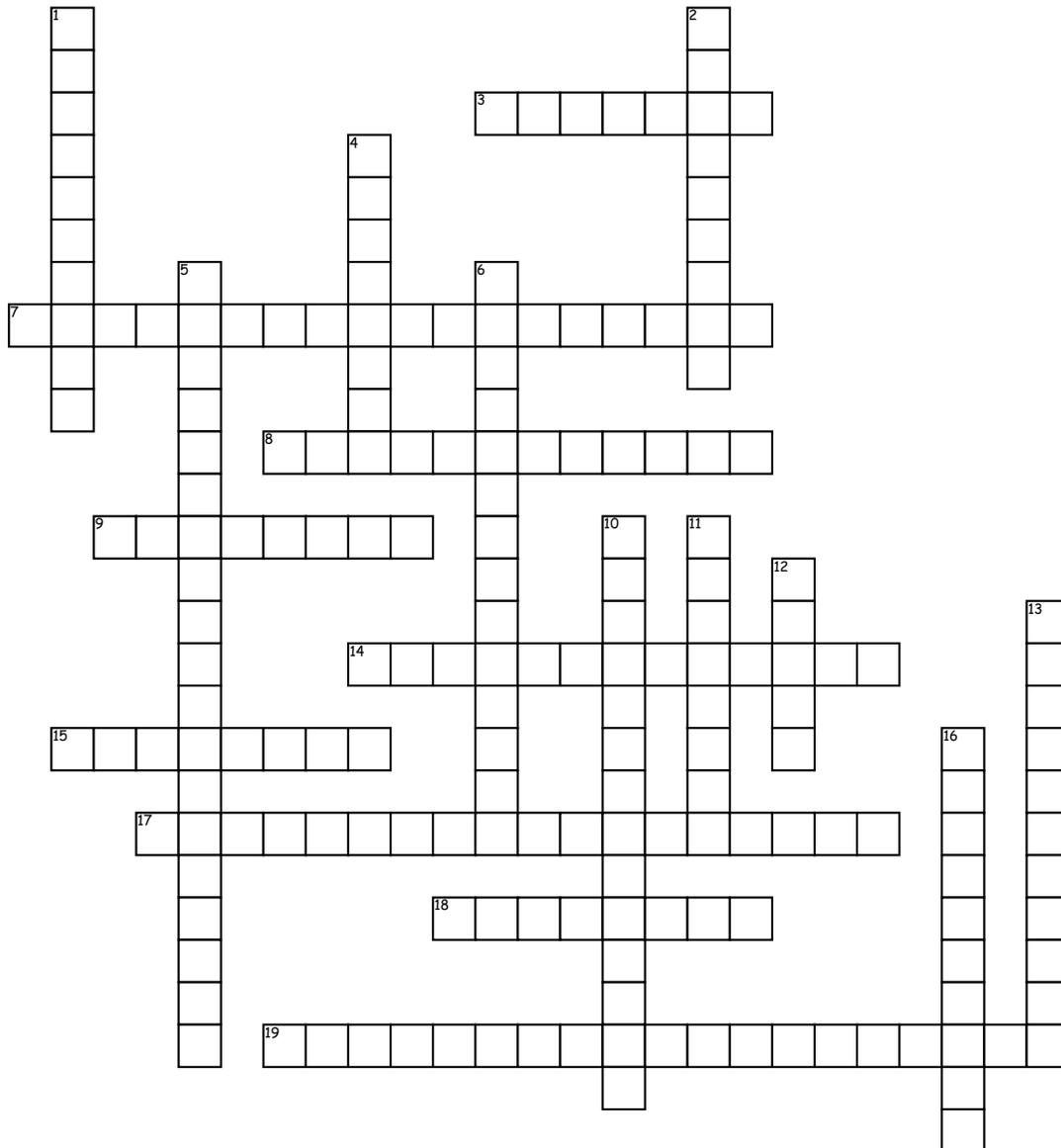


Vocabulary Review Crossword Part 2



Across

3. In a traditional taxonomic system, the highest taxonomic category, which contains a group of similar phyla
7. The process by which two or more related but reproductively isolated populations become more and more dissimilar
8. The random change in allele frequency in a population
9. A domain made up of prokaryotes that usually have a cell wall and that usually reproduce by cell division
14. One of the pair of chromosomes that determine the sex of an individual
15. All of the genes of the reproductively active members of a population
17. A technology in which the genome of a living cell is modified for medical or industrial use

18. The science of describing, naming, and classifying organisms

19. The process by which unrelated species become more similar as they adapt to the same kind of environment

Down

1. The process of becoming adapted to an environment; an anatomical, physiological, or behavioral trait that improves an organism's ability to survive and reproduce
2. A heritable change in the characteristics within a population from one generation to the next; the development of new types of organisms from pre-existing types of organisms over time
4. A change in the nucleotide-base sequence of a gene or DNA molecule
5. The selective breeding of organisms (by humans) for specific desirable characteristics

6. The failure of homologous chromosomes to separate during meiosis I or the failure of sister chromatids to separate during mitosis or meiosis II

10. DNA molecules that are artificially created by combining DNA from different sources

11. Any chromosome that is not a sex chromosome

12. An organism that is produced by asexual reproduction and that is genetically identical to its parent; to make a genetic duplicate

13. The evolution of two or more species that is due to mutual influence, often in a way that makes the relationship more mutually beneficial

16. The formation of new species as a result of evolution