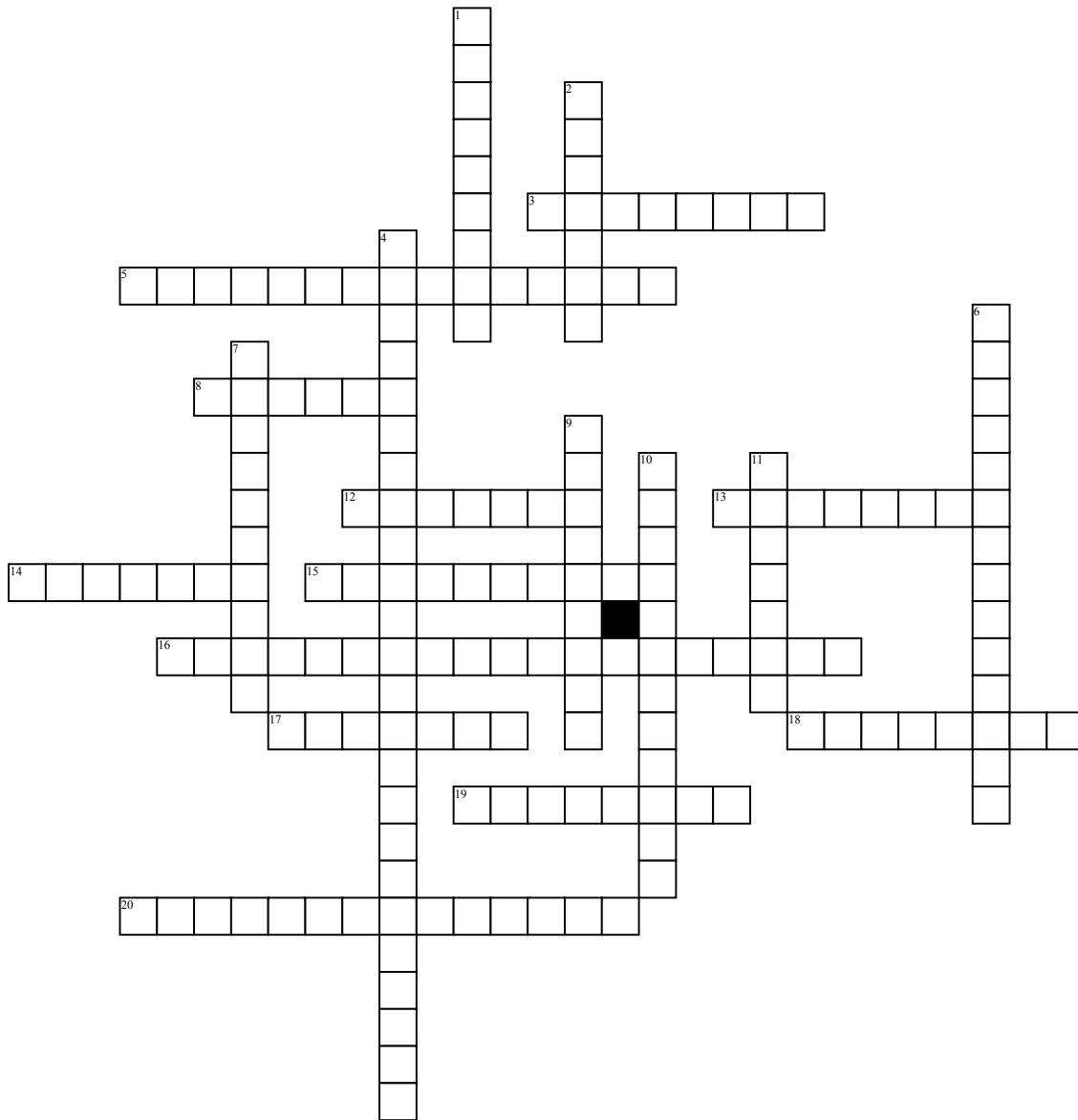


Unit 1 Exam



Across

3. A similar trait due to common ancestry
 5. Traits that are remnants of the past but have no current use
 8. An explanation of a general class of phenomena or observations that are supported by a wide body of evidence
 12. The study of life
 13. The allele present in most of the population
 14. The ability of an individual to survive and produce viable offspring
 15. An area where formerly separated populations come back together

16. Speciation with no geographic barrier

17. Different versions of a gene
 18. The layer that binds all living cells
 19. A living thing made of 1 or more cells
 20. The phase of the cell cycle where DNA is replicated

Down

1. The place where homologous chromosomes are held together and swap DNA in the tetrad during crossing over
 2. Cell division that gives genetic diversity

4. What we use as a null hypothesis in population genetics

6. When one trait is determined by multiple genes
 7. A string of DNA and its associated proteins
 9. A graphic representation of the evolutionary history of organisms
 10. A random shift in allele frequencies due to dumb luck in a small population that will likely decrease genetic variability
 11. Cell division of somatic cells