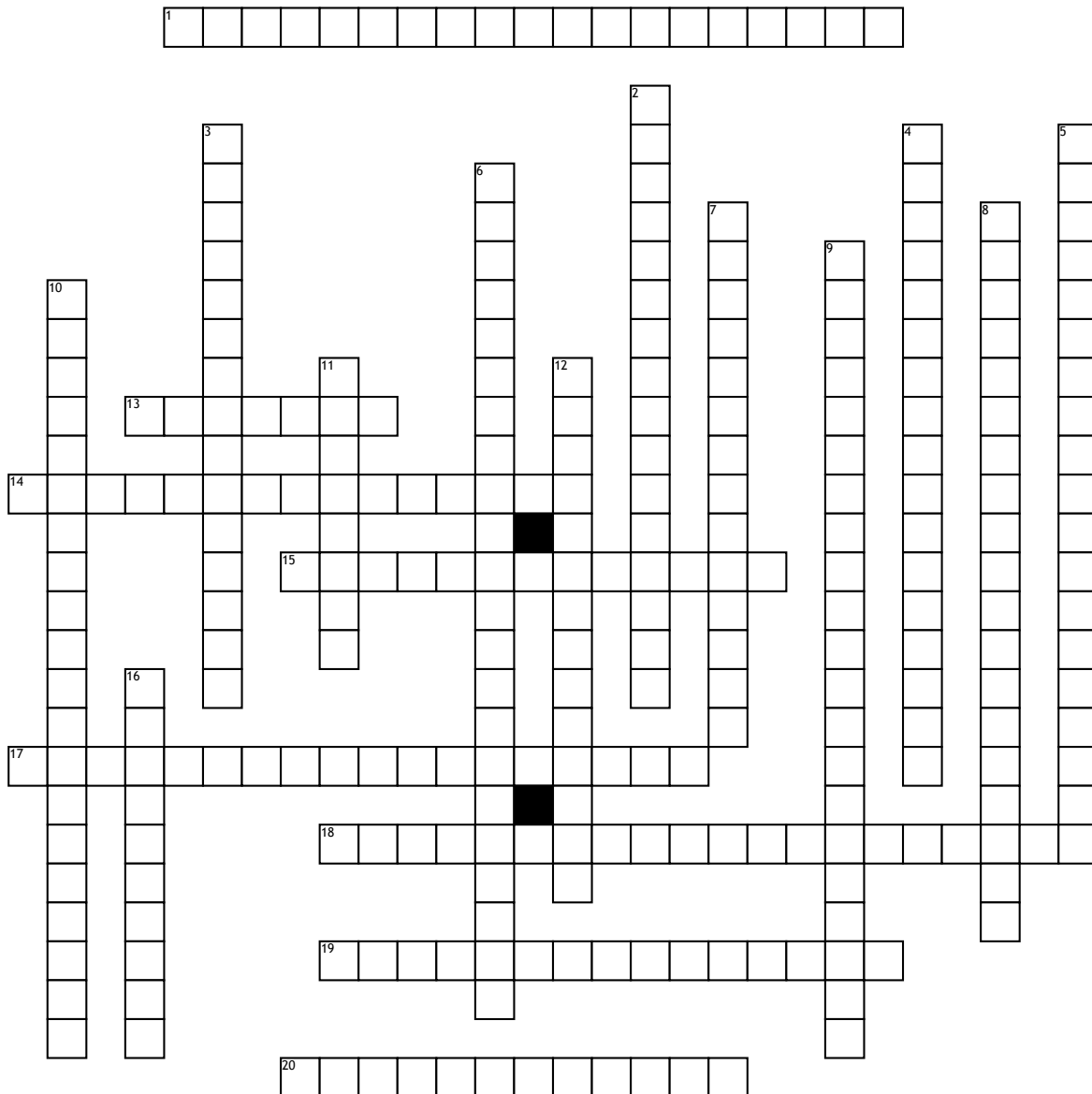


Name: _____

Date: _____

chs 16-19 ch 17 terms



Across

- 1. a type of natural selection in which two extreme forms of a trait are selected
- 13. A group of similar organisms that can breed and produce fertile offspring
- 14. how often a form of a gene appears in a gene pool
- 15. allele frequencies change as a result of the migration of a small subgroup of a population
- 17. situation in which allele frequencies remain constant
- 18. occurs when natural selection favors one of the extreme variations of a trait
- 19. trait controlled by one gene that has two alleles

- 20. The gradual changes in gene frequencies in a population due to random events
- Down**
- 2. a change in allele frequency following a dramatic reduction in the size of a population
 - 3. occurs when certain traits increase mating success
 - 4. form of reproductive isolation in which two populations reproduce at different times
 - 5. isolation between populations due to differences in courtship or mating behavior
 - 6. In a stable environment, the allele and genotype frequencies of a population will remain constant.

- 7. theoretical clock that uses the rate of mutation to measure evolutionary time
- 8. isolation between populations due to physical barriers
- 9. occurs when members of different populations can no longer mate successfully with one another; could be several reasons
- 10. natural selection that favors average individuals in a population
- 11. Combined genetic information of all the members of a particular population
- 12. trait controlled by two or more genes
- 16. the process by which one species splits into two or more species