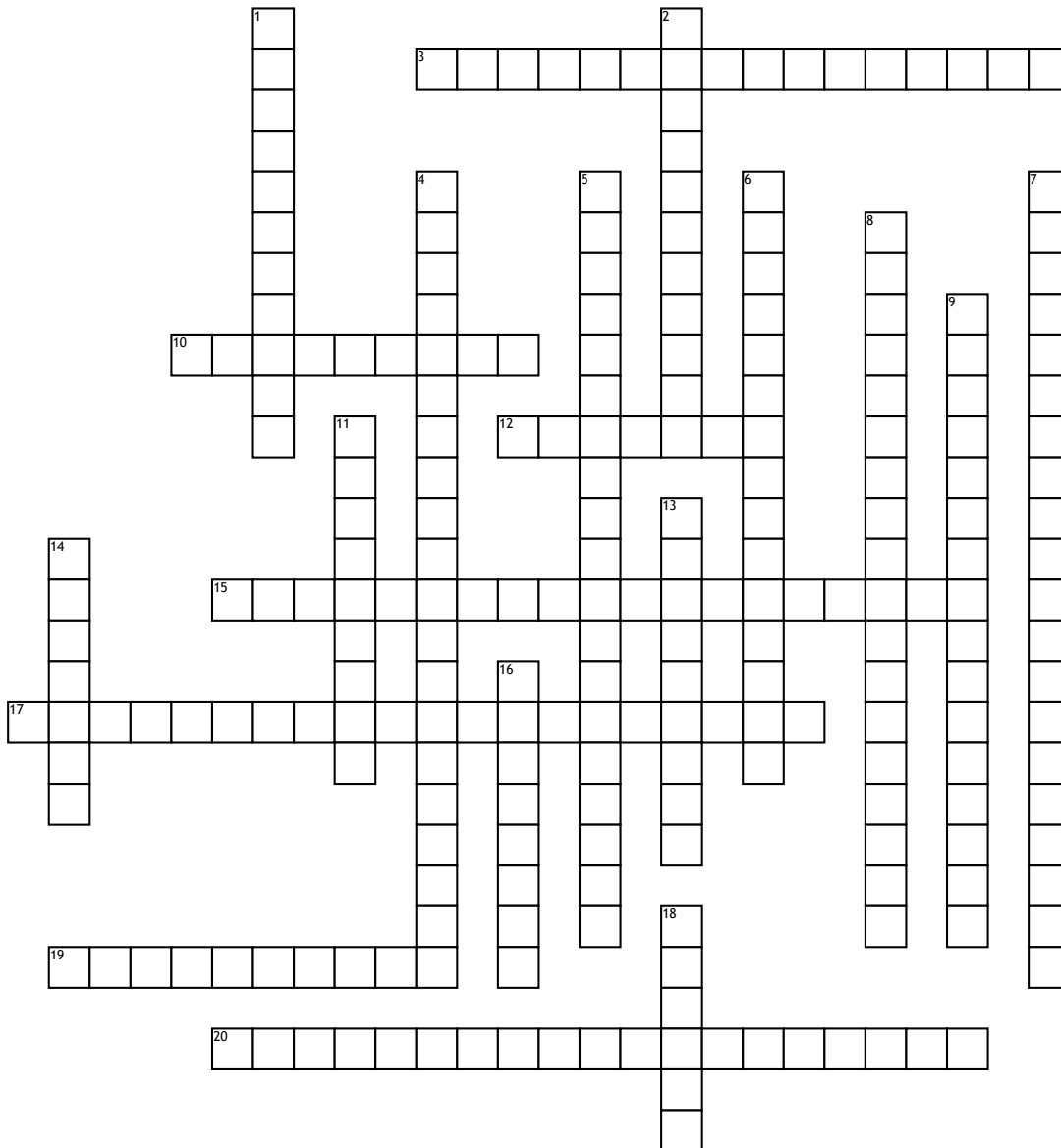


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# evolution



## Across

3. the maximum number of organisms a certain species (population) that can survive in a given area
10. the gradual development of something
12. relative ability to survive and reproduce offspring in an environment
15. structures that have no apparent function and appear to be residual parts from a past ancestor
17. natural selection that favors an extreme phenotype and causes a shift in the distribution curve
19. all organisms of a group of species that live in the same area and are able to breed
20. various structures in different species having the same function but have evolved separately

## Down

1. an inherited characteristic that increases an organisms chance of surviving and reproducing
2. only traits that are determined by an organisms genes will be passed on to the next generation
4. natural selection that favors an intermediate phenotype
5. natural selection that favors two or more extreme phenotypes over any intermediate phenotype
6. adaptive changes in males and females that lead to an increased ability to secure a mate
7. structures in different species with a common ancestor or developmental origin
8. new combinations of traits that can be created in gametes during meiosis

9. differential success in survival and reproduction of individuals within different phenotypes resulting from interactions with their environments
11. changes in the DNA sequence that can result in new traits
13. when there are a variety of forms of traits or phenotypes
14. the remains or imprints of the organisms from earlier geological periods preserved in sedimentary rock
16. the group of genes available/present in a specific mating pool
18. an unborn (or unhatched) animal or human young in its earliest phases