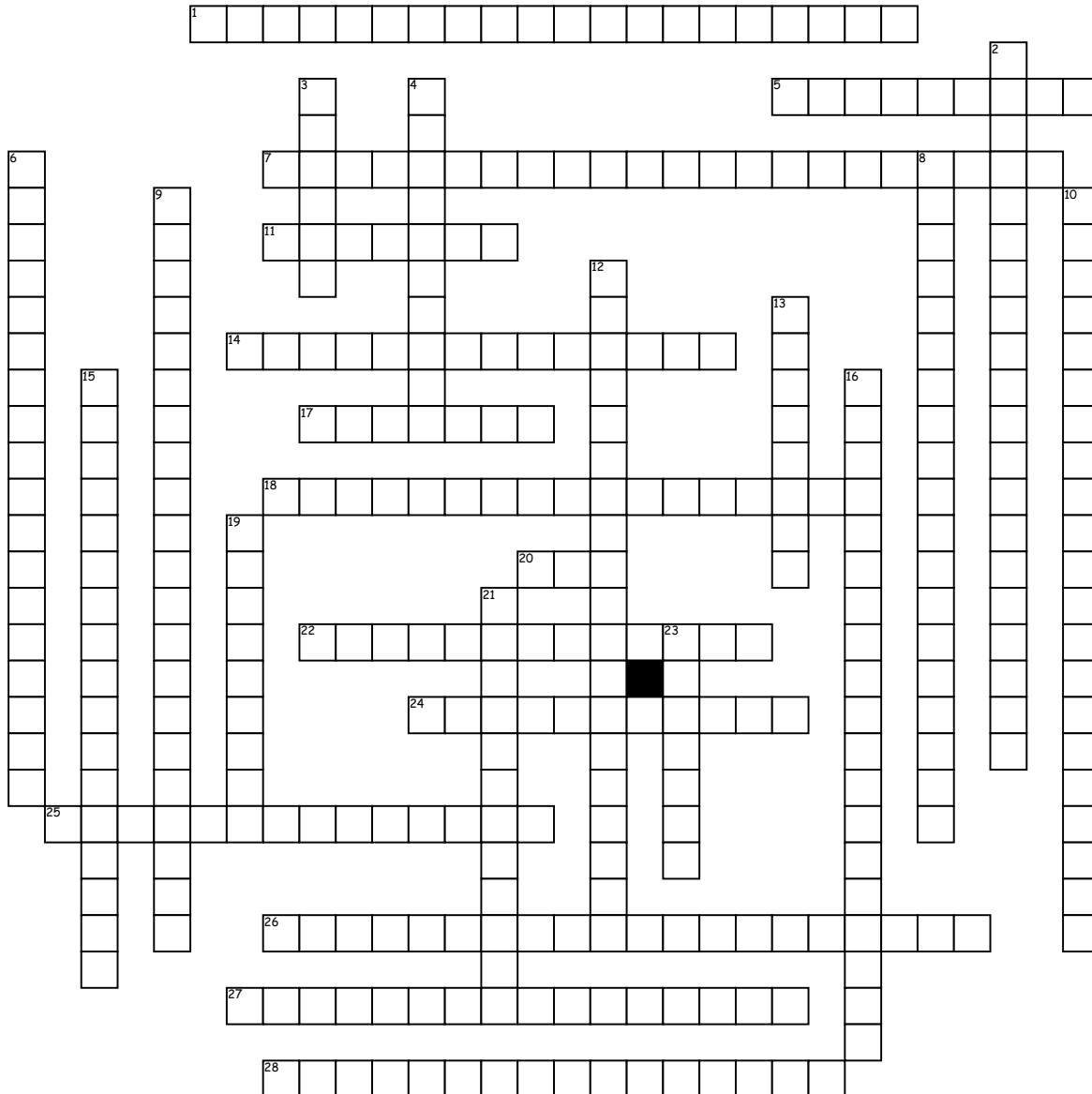


Name: \_\_\_\_\_

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

# Evolution Project



## Across

1. More offspring are born than can survive, which causes competition for the necessities of life
5. Changes Over Time
7. Tiny per cells with selectively permeable membranes that could store and release energy
11. Preserved remains of ancient organisms
14. The process of using the law of superposition along with index fossils
17. Ability to breed successfully and produce a healthy offspring
18. Would be things that physically or behaviorally keep male and female sex cells from uniting
20. Largest division of geologic time
22. The idea that all organisms have evolved from a common ancestor

24. A process whereby two very different species evolve in response to each other over time

25. Large scale evolutionary changes that take long periods of time
26. Favors the intermediate phenotypes
27. Organisms with adaption
28. Differences in organisms within the same species that occur naturally

## Down

2. Favors one extreme or the other
3. Eras are subdivided into periods
4. The evolution of a new species that occurs when two similar reproducing beings evolve to become unsimilar
6. A mechanism that reproduces the viability or reproductive capacity of hybrid offspring
8. The idea that a small prokaryote was engulfed by and became a permanent structure of a larger one

9. Geographic isolation that separates a population may lead to opening up new niches and separate paths of evolution
10. A population of animals, plants or other organisms that are separated from exchanging
12. When humans choose which organism are to be bred or crossed with others to create an organism with more desirable traits
13. A charactersitic that gives organisms an advantage
15. By determining the amount of carbon left in a fossil and knowing ts half-life
16. Favors the extreme phenotypes
19. The length of time required for half of a radioactive sample to decay
21. Fossils of organisms that only survived for relatively short periods of times
23. An organism that has died out