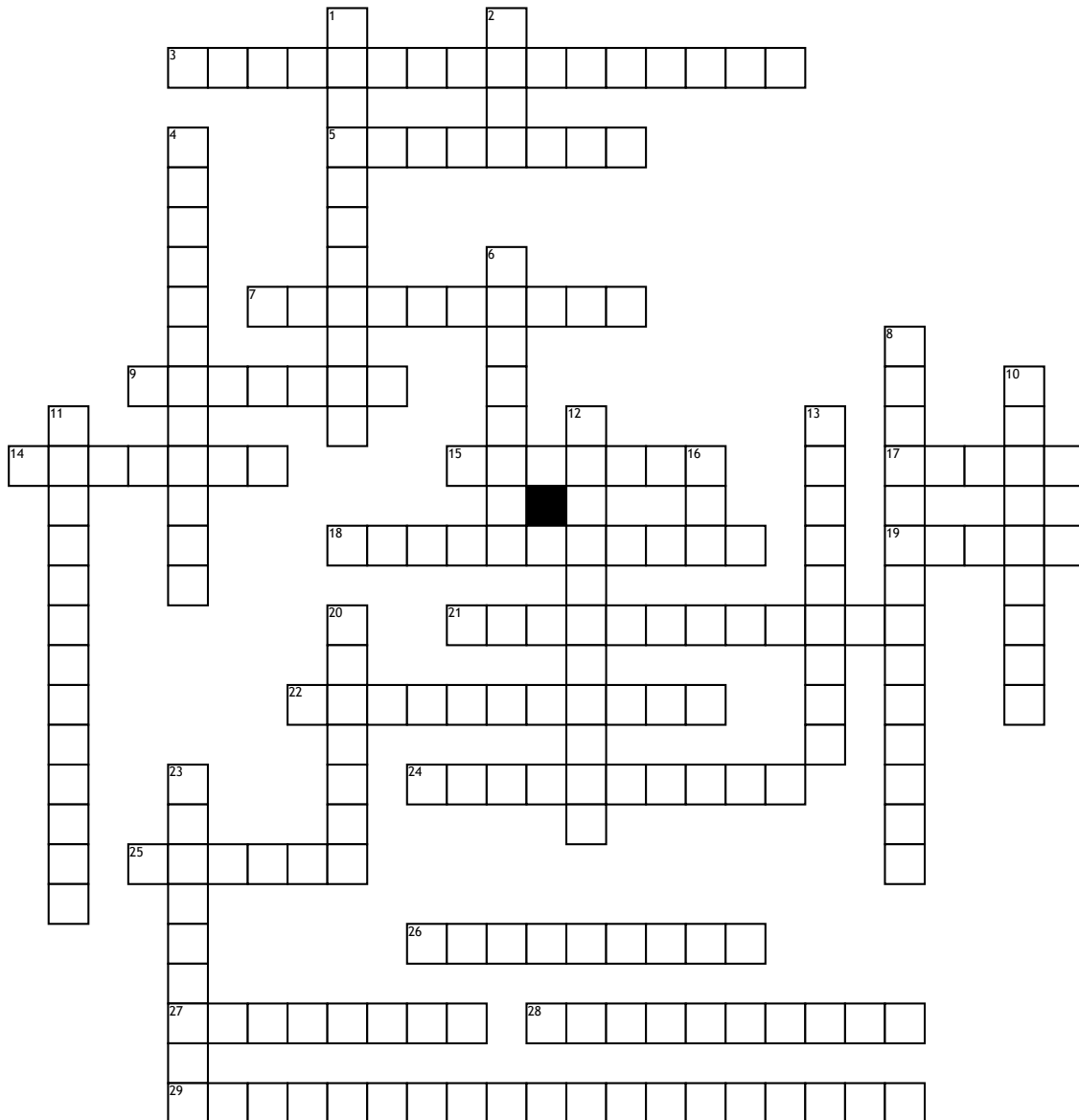


Biology Review #3



Across

3. What is a tree showing the evolutionary relationships among various biological species that are known to have a common ancestor called?
5. It is estimated that only 10% of photosynthesis occurs in plants, the rest is done by algae and _____.
7. What is the second process of respiration?
9. What is respiration with oxygen called?
14. What does adenine attach to in DNA?
15. What is a compound that absorbs light?
17. What process of respiration is Electron Transport Chain?
18. More young are produced then can survive
19. What part of the backbone do the nitrogenous bases attach to?
21. The environment presents challenges to successful _____.
22. Two separate species change in response to one another

24. What is the first process of respiration?

25. Francis Crick and James _____ created the first model of DNA out of wood and wire.
26. Change in the characteristics of a population from one generation to the next due to a shift in allele frequencies
27. What part of the DNA structure is made of sugar and phosphates?
28. Change in allele frequencies due to a catastrophe that estimates a large portion of a population
29. What is the process where food and O₂ are used to create energy for all cells?

Down

1. What is DNA's structure known as?
2. What is a segment of DNA that codes for a protein?
4. What is the radiation from the sun that can be seen by the human eye?
6. What matches guanine in DNA?

8. What is the process by which plants, some bacteria, and protists use sunlight to make glucose?

10. All life forms vary genetically within a population
11. Who proposed the idea of natural selection?
12. Introduction of a new organisms into a habitat or population
13. What are random changes in an organisms DNA called?
16. The DNA in a single human cell is about _____ meters long.
20. What is used in living things to build structures, regulate chemical and life processes, transport materials, and protect from diseases?
23. What is respiration without the use of oxygen called?