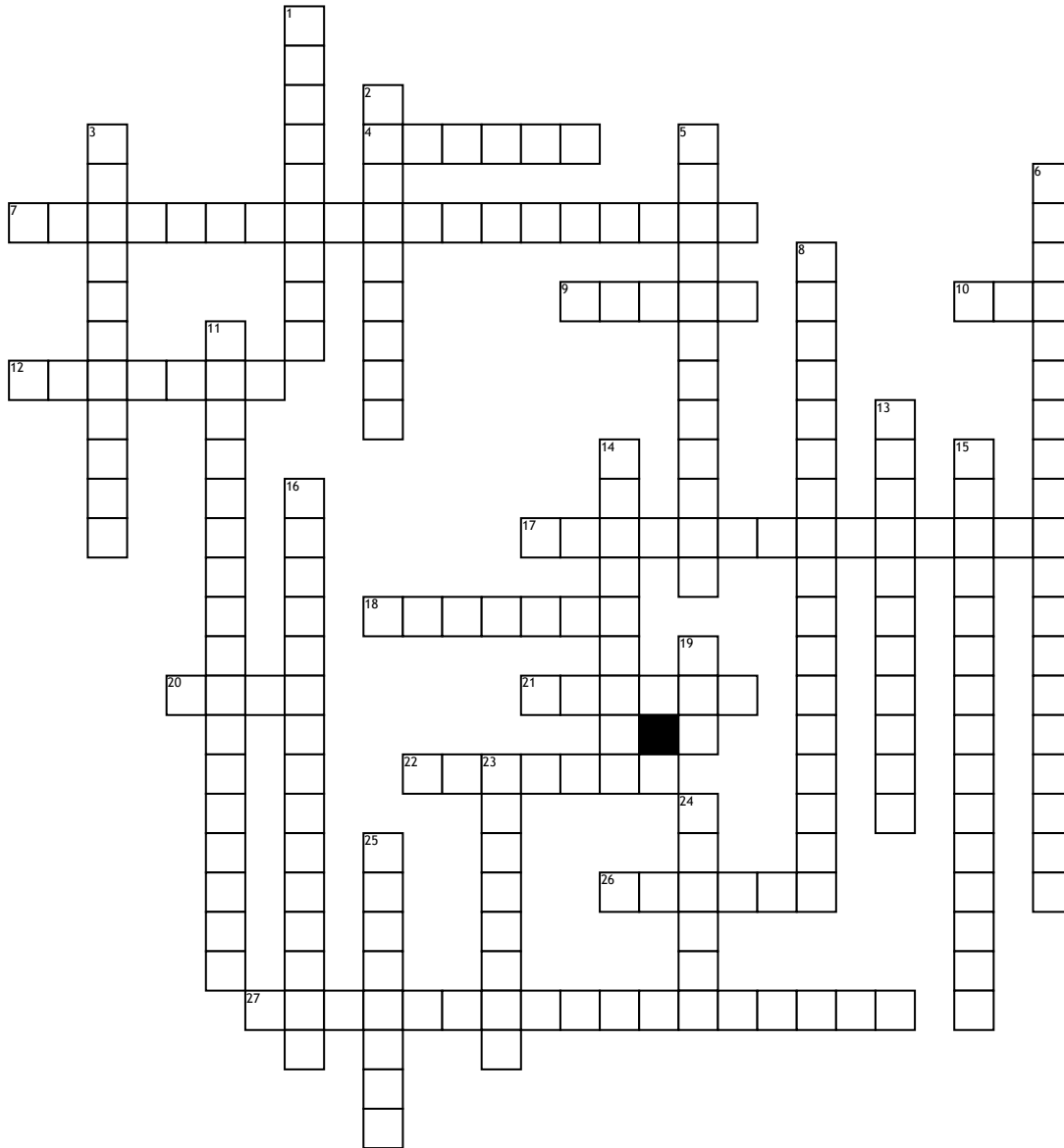


Name: \_\_\_\_\_

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

# Chapter 5 Test



## Across

4. Nitrogen- Fixing Bacteria are organisms that fix atmospheric \_\_\_\_\_ into chemical compounds
7. Soil must be present for \_\_\_\_\_ to occur.
9. The kind of energy that photosynthesis uses to make food.
10. Lichens and mosses begin to grow on rock at stage\_\_\_\_\_.
12. A \_\_\_\_\_ shows how organism are interconnected in an ecosystem.
17. The first organisms occupy an area
18. Ecological Succession happens as one community replaces another due to changes that occur in the \_\_\_\_\_ and biotic factors that are found within a system.
20. The tertiary consumer occupies which trophic level?
21. Photosynthesis is the process that \_\_\_\_\_ use to make energy.

22. Mosses and \_\_\_\_\_ grow on rocks in an ecosystem and break them down.

26. Producers take in carbon dioxide and release

27. Organisms that eat primary consumers for energy.

## Down

1. Another name for producers
2. Organisms that use cellular respiration are classified as what
3. Organisms that break down dead organisms
5. Ten percent of energy is transferred from one \_\_\_\_\_ to the next.
6. Type of succession that involves disturbances or changes that happen in an ecosystem over time.
8. Sucession that happens in an area where there has not bee life previously

11. Organisms that eat primary and secondary consumers

13. Organisms that get their nutritional requirements from organic substances.

14. A \_\_\_\_\_ is a linear representation of how energy flows in an ecosystem.

15. Any green plant that turns light energy into organic matter.

16. An organism that feeds on primary producers.

19. Cellular respiration converts food into \_\_\_\_\_.

23. A reactant is a substance that enters into and is altered in the course of a \_\_\_\_\_ reaction.

24. To preform cellular respiration cells need food and \_\_\_\_\_.

25. Excessive \_\_\_\_\_ and phosphorous in an aquatic environment produces rapid growth of algae which drains the system of nutrients and oxygen.