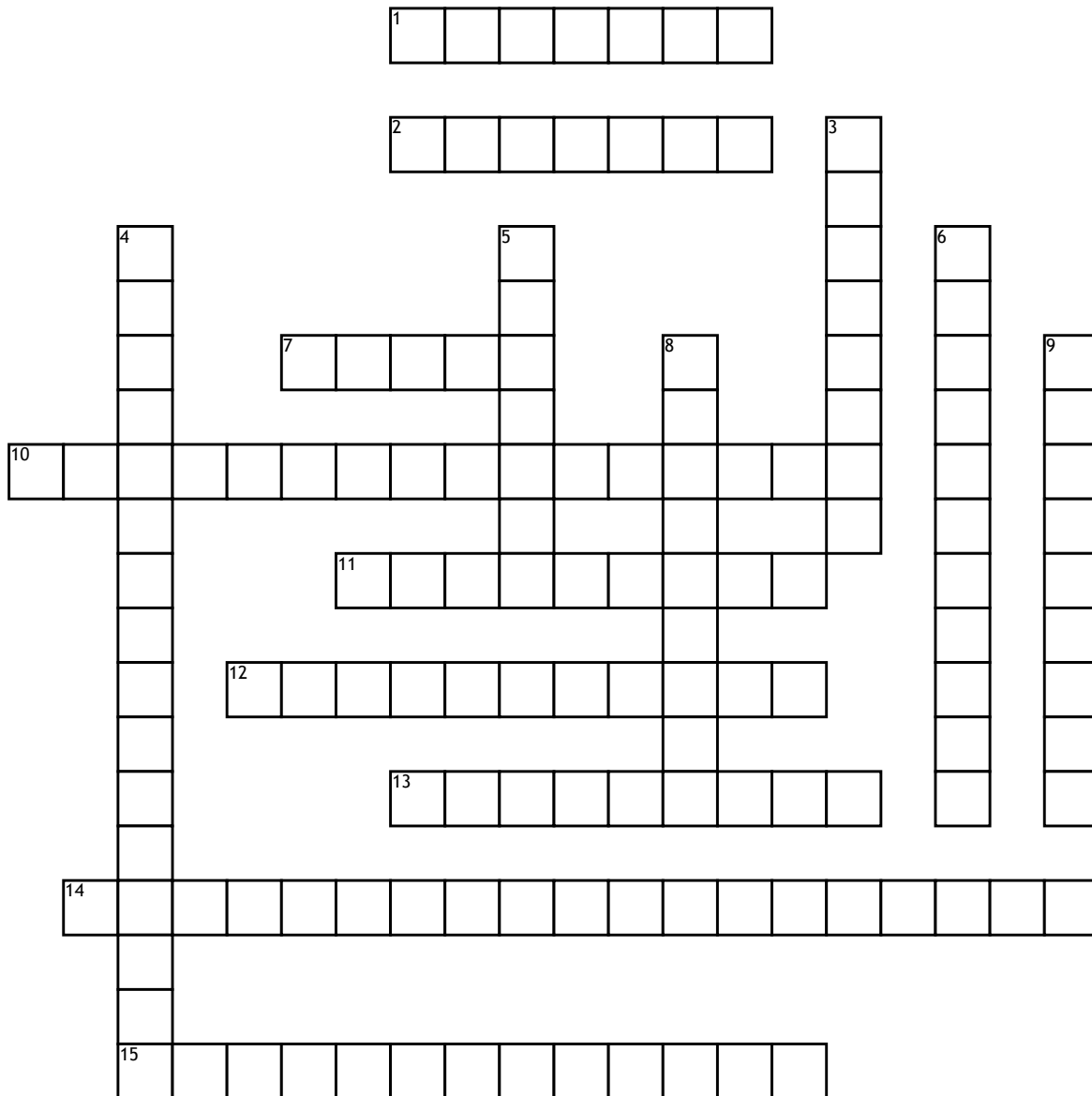


Name: \_\_\_\_\_

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

# Chapter 3 Crossword



## Across

1. Total amount of living tissue within a given trophic level
2. Scientific study of interactions among organisms and their environment
7. Group of ecosystems that have the same climate and dominate communities
10. Process of converting nitrogen gas in ammonia (two words)
11. Collection of all the organisms that live in a particular place, together with their nonliving environment

12. Organism that obtains energy from the foods it consumes; also called a consumer

13. Series of steps in an ecosystem in which organisms transfer energy by eating and being eaten (two words)

14. Process where elements, chemical compounds, and other forms of matter are passed from one organism to another and from one part of the biosphere to another (two words)

15. Loss of water from a plant through its leaves

## Down

3. Chemical substance that an organism requires to live

4. Single nutrient that either is scarce or cycles very slowly, limiting the growth of organisms in an ecosystem (two words)

5. Group of similar organisms that can breed and produce fertile offspring

6. Process by which water changes from a liquid into an atmosphere gas

8. Organism that can capture energy from sunlight or chemicals and use it to produce its own food from inorganic compounds; also called a producer

9. Assemblage of different populations that live together in a defined area