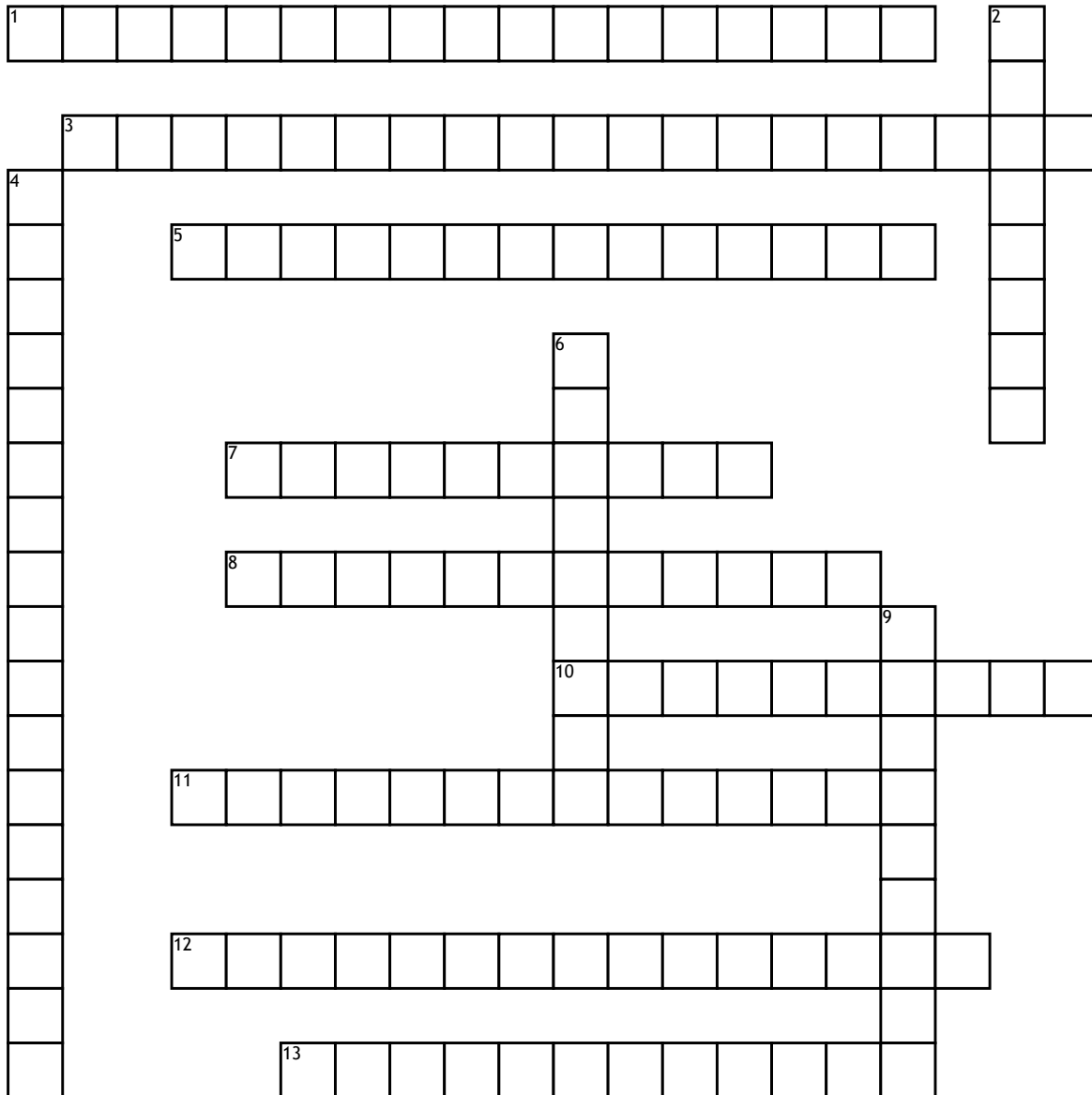


# Ecosystem



## Across

1. mostly omnivores, who feed on both plants and animals , located at top levels of food chain or energy pyramid
3. Animals eat other organisms for food, these food molecules are broken down to extract energy during cell respiration
5. only about 10% of the energy available within 1 trophic level is transferred to organisms at the next trophic level
7. an organism, especially a soil bacterium, fungus, or invertebrate, that decomposes organic material

8. a feeding level on a food chain, food web or energy pyramid
10. Organism that can capture energy from sunlight or chemicals and use it to produce its own food
11. the process whereby an autotroph converts water and carbon dioxide to sugars, oxygen, and energy
12. usually herbivores, feeding on plants and fungus, located at first level above producers in a food chain or energy pyramid
13. organisms that rely on other organisms for their energy and food supply

## Down

2. Another name for autotrophs, located at the bottom of a food chain/energy pyramid
4. mainly carnivores , and prey on other animals, located at second level above producers in a food chain or energy pyramid
6. a series of steps in which organisms transfer energy by eating and being eaten
9. another name for heterotrophs used in cellular respiration to break down food and extract energy