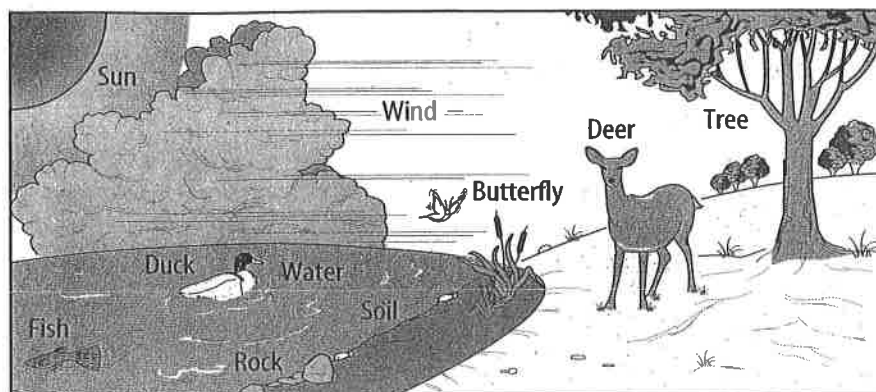


Directions: Classify the factors in the picture as either **biotic factors** or **abiotic factors** by listing them under the correct heading. A factor might fall into both categories.



1. Abiotic Factors

2. Biotic Factors

Directions: Identify each statement as **true** or **false**. Rewrite false statements to make them true.

3. Air contains 78 percent hydrogen, 21 percent oxygen, and 0.03 percent carbon dioxide.

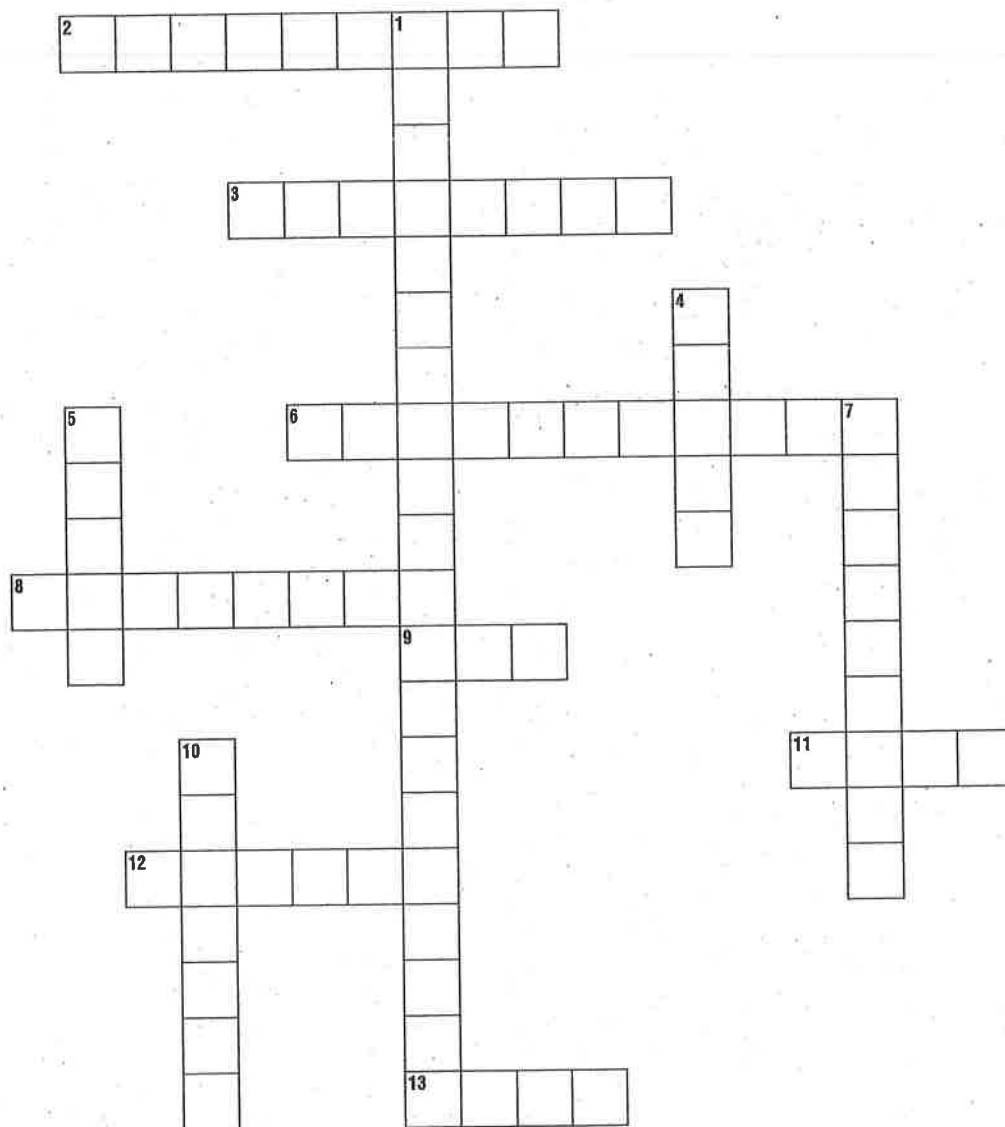
4. Organisms that are capable of photosynthesis are called consumers.

5. Temperature and precipitation are the two most important elements of climate for the majority of living things.

6. A mountain with forests on one side and desert on the other, is exhibiting evidence of the rain shadow effect.

7. Ecosystems with a lot of water support fewer organisms than ecosystems with little water.

Directions: Use the clues below to complete the crossword puzzle.



Across

2. Organisms that use photosynthesis
3. Location on Earth relative to equator; helps determine the amount of sunlight an area receives
6. Depends on sunlight and altitude
8. Energy source for most life on Earth
9. Composed of about 78% nitrogen
11. Air currents caused by temperature differences
12. Term that means "living"

13. Topmost layer of Earth's crust

Down

1. Made up of biotic and abiotic features
4. The major ingredient of the fluid inside cells
5. Decaying organic matter in soil
7. As this gets higher, trees get shorter, and the atmosphere gets thinner
10. Average weather over time