

## Cycles of matter in Ecosystem

**Q1:** Which of the following groups of organisms is responsible for releasing the most oxygen into the atmosphere?

- ☐ A Producers
- ☐ B Decomposers
- ☐ C Consumers

**Q2:** Which of these processes uses up oxygen?

- ☐ A Combustion
- ☐ B Photosynthesis

**Q3:** Fill in the blank: Living things release carbon dioxide. Some processes, such as \_\_\_\_\_, also release carbon dioxide.

- ☐ A photosynthesis
- ☐ B burning fossil fuels

**Q4:** What will happen to a puddle of water left outside?



- ☐ A It will remain there forever.
- ☐ B It will eventually evaporate into the air.
- ☐ C It will only evaporate on a very hot day.

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**Q5:** Why do we often group the oxygen and carbon cycles together?

- ☐ A Because these are the only two cycles of matter that exist
- ☐ B Because these two cycles depend on each other
- ☐ C Because oxygen and carbon dioxide are the only important gases in the atmosphere

**Q6:** Fill in the blank: \_\_\_\_\_, such as plants and the air, interact with each other within ecosystems. Through these interactions, matter is cycled.

- ☐ A Biotic and abiotic factors
- ☐ B Abiotic factors
- ☐ C Biotic factors

**Q7:** Which of these statements best describes how clouds form?



- ☐ A Clouds form when water vapor falls from the air as precipitation.
- ☐ B Clouds form when water vapor condenses on small particles in the air, like dust particles.
- ☐ C Clouds form when water freezes in the air.