

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.