





Name _____ Class _____ Date _____

1 How do animals **take in** the **nitrogen** they need?



A by eating soil
 B by breathing air from the atmosphere
 C by eating plants or other animals
 D through the process of cellular respiration

2 The **decaying** of a **dead organism's body** is one way that _____.




A nitrogen is removed from the soil
 B carbon dioxide is removed from the soil
 C nitrogen is returned to the soil
 D carbon dioxide is returned to the soil

3 _____ is a **heavy, colorless gas** that that only makes up $\frac{1}{100}$ of the Earth's atmosphere.



A Carbon dioxide
 B Oxygen
 C Nitrogen

4 Oxygen makes up $\frac{2}{10}$ of the Earth's atmosphere. Carbon dioxide only makes up $\frac{1}{100}$ of the Earth's atmosphere. **How much more oxygen** than carbon dioxide is in the atmosphere?





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B helium gas
 C water
 D methane gas and carbon dioxide

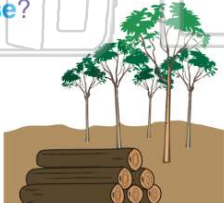


A Carbon dioxide
 B Oxygen
 C Nitrogen
 D Helium



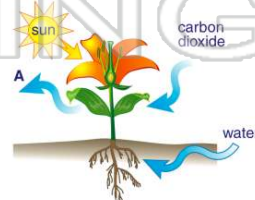
9 If a large number of plants and trees were taken out of an ecosystem, which gas would **decrease**?

A oxygen
 B carbon dioxide
 C nitrogen
 D carbon



10 On this **photosynthesis** chart, what does **A** represent?

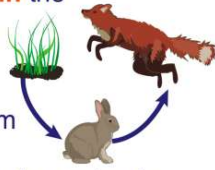
A carbon dioxide
 B oxygen
 C nitrogen
 D helium





ANSWER KEY

How do animals **take in** the **nitrogen** they need?



- A by eating soil
- B by breathing air from the atmosphere
- C by eating plants or other animals
- D through the process of cellular respiration

(C)

The **decaying** of a dead **organism's body** is one way that _____.



- A nitrogen is removed from the soil
- B carbon dioxide is removed from the soil
- C nitrogen is returned to the soil
- D carbon dioxide is returned to the soil

(C)

_____ is a **heavy, colorless gas** that that only makes up $\frac{1}{100}$ of the Earth's atmosphere.



- A Carbon dioxide
- B Oxygen
- C Nitrogen
- D Helium

(a)

Oxygen makes up $\frac{2}{10}$ of the Earth's atmosphere. Carbon dioxide only makes up $\frac{1}{100}$ of the Earth's atmosphere. **How much more oxygen** than carbon dioxide is in the atmosphere?



- A 1%
- B 100%
- C 91%
- D 99%

(b)



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- C water
- D methane gas and carbon dioxide



- B Oxygen
- C Nitrogen
- D Helium



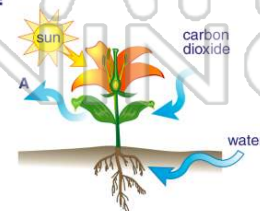
If a large number of plants and trees were taken out of an ecosystem, which gas would **decrease**?



- A oxygen
- B carbon dioxide
- C nitrogen
- D carbon

(a)

On this **photosynthesis** chart, what does **A** represent?



- A carbon dioxide
- B oxygen
- C nitrogen
- D helium

(b)