
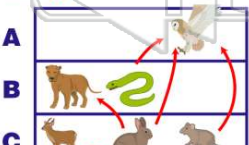




Name _____ Class _____ Date _____

- 1 **Intense competition** would most likely occur between
- A owls and deer inhabiting the same forest
 - B squirrels and chipmunks using the same food source in a certain habitat
 - C pine trees and grass seedlings growing in adjacent fields
 - D whales and sharks living in the same ocean
- 

- 3 In the diagram below, which **level of organisms** contains the **greatest amount** of available **energy**?
- 
- A
 - B
 - C
 - D

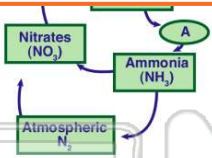
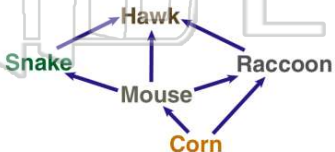
- 2 Which human activity would be more likely to have a **negative impact** on the environment than the other three?
- A using reforestation and cover cropping to control soil erosion
 - B using insecticides to kill insects that compete with humans for food
 - C developing research aimed toward the preservation of endangered species
 - D investigating the use of biological controls for pests


- 4 Which **factor** determines the type of **terrestrial plants** that grow in an area?
- A percentage of nitrogen in the air
 - B depth of the ponds in the area
 - C number of secondary consumers present
 - D climate of the area



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

- 7
- B sulfur
 - C carbon dioxide
 - D mineral salt
- 
- 9 In the diagram below, which organism is **classified as both a primary and a secondary consumer**?
- A hawk
 - B raccoon
 - C snake
 - D mouse
- 

- 10 Which human activity would most likely have a **positive impact** on the environment?
- A using pesticides to decrease populations of birds of prey
 - B increasing emissions into the atmosphere to decrease the pH of lakes
 - C using parasites for biological control of pests to increase crop yields
 - D engaging in uncontrolled hunting and trapping to reduce populations of carnivores
- 



ANSWER KEY

Intense competition would most likely occur between



- A** owls and deer inhabiting the same forest
- B** squirrels and chipmunks using the same food source in a certain habitat
- C** pine trees and grass seedlings growing in adjacent fields
- D** whales and sharks living in the same ocean

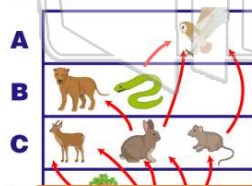
(b)

Which human activity would be more likely to have a **negative impact** on the environment than the other three?

- A** using reforestation and cover cropping to control soil erosion
- B** using insecticides to kill insects that compete with humans for food
- C** developing research aimed toward the preservation of endangered species
- D** investigating the use of biological controls for pests

(b)

In the diagram below, which **level of organisms** contains the **greatest amount** of available **energy**?



A

B

C

D

(d)

Which **factor** determines the type of **terrestrial plants** that grow in an area?

- A** percentage of nitrogen in the air
- B** depth of the ponds in the area
- C** number of secondary consumers present
- D** climate of the area

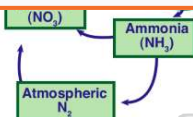
(d)



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

- C** carbon dioxide
- D** mineral salt



- B** photosynthesis & cellular respiration
- C** artificial selection & deamination
- D** enzymatic hydrolysis & regeneration

In the diagram below, which organism is **classified** as **both** a **primary** and a **secondary consumer**?



- A** hawk
- B** raccoon
- C** snake
- D** mouse

(b)

Which human activity would most likely have a **positive impact** on the environment?

- A** using pesticides to decrease populations of birds of prey
- B** increasing emissions into the atmosphere to decrease the pH of lakes
- C** using parasites for biological control of pests to increase crop yields
- D** engaging in uncontrolled hunting and trapping to reduce populations of carnivores

(c)