





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

- 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

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

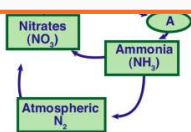
- 4 Which **factor** determines the type of **terrestrial plants** that grow in an area?
- A percentage of nitrogen in the air
  - B depth of the ponds in the area



## PREVIEW

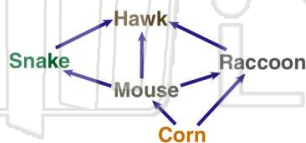
7 Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

- 8
- B sulfur
  - C carbon dioxide
  - D mineral salt



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

- 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



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



(B)

- 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

(B)

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



(D)

- 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

(D)

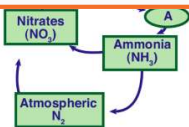


(C)

## PREVIEW

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

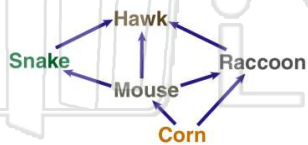
- 7
- B sulfur
  - C carbon dioxide
  - D mineral salt



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

- 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



(B)

- 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

(C)