




Name _____ Class _____ Date _____

1 Which **group of organisms** is an example of a **population**?

A leopard frogs in a stream
B birds in Colorado
C reptiles in the Sahara Desert
D trees in a forest




2 Which statement concerning an **ecosystem** is correct?


A It can exist with or without a constant source of energy input.
B It must contain consumers but can exist without producers.
C It involves interactions between biotic and abiotic factors.
D It can exist on land, but it cannot exist in lakes, rivers, or oceans.

3 Which term refers to the **behavior of two species** attempting to use the **same** living space, food source, and water source?

A saprophytic
B competitive



4 Acacia trees provide food for a species of ant that lives on them. The ants defend the acacia tree from grasshoppers and beetles. This **relationship between the ant and acacia tree** is best described as



5



PREVIEW

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


7

C converted to ammonia by bacteria of decay
D combined with carbon dioxide to form protein

previously covered by the pond.
C Grasses will most likely grow on the bottom of the dried-up pond.
D The pond will fill in due to seasonal dieback of aquatic vegetation.

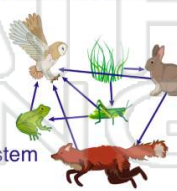
9 Male grizzly bears can maintain **territorial control** over many square miles. This role as a **top predator** in the territory is known as

A a habitat
B an ecosystem
C a biosphere
D a niche



10 A **food web** is more stable than a food chain because a food web

A transfers all of the producer energy to herbivores
B reduces the number of niches in the ecosystem
C includes alternative pathways for energy flow
D includes more consumers than producers





Name _____ Class _____ Date _____

1 Which **group of organisms** is an example of a **population**?

A leopard frogs in a stream
B birds in Colorado
C reptiles in the Sahara Desert
D trees in a forest



(A)

2 Which statement concerning an **ecosystem** is correct?

A It can exist with or without a constant source of energy input.
B It must contain consumers but can exist without producers.
C It involves interactions between biotic and abiotic factors.
D It can exist on land, but it cannot exist in lakes, rivers, or oceans.

(C)

3 Which term refers to the **behavior of two species** attempting to use the **same** living space, food source, and water source?

A saprophytic
B competitive



(B)

4 Acacia trees provide food for a species of ant that lives on them. The ants defend the acacia tree from grasshoppers and beetles. This **relationship between the ant and acacia tree** is best described as

(B)



(A)

PREVIEW

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

7

C converted to ammonia by bacteria of decay
D combined with carbon dioxide to form protein

previously covered by the pond.
C Grasses will most likely grow on the bottom of the dried-up pond.
D The pond will fill in due to seasonal dieback of aquatic vegetation.

(C)

9 Male grizzly bears can maintain **territorial control** over many square miles. This role as a **top predator** in the territory is known as

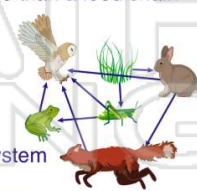
A a habitat
B an ecosystem
C a biosphere
D a niche



(D)

10 A **food web** is more stable than a food chain because a food web

A transfers all of the producer energy to herbivores
B reduces the number of niches in the ecosystem
C includes alternative pathways for energy flow
D includes more consumers than producers



(C)