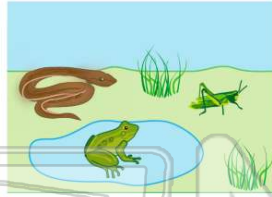




Name _____ Class _____ Date _____

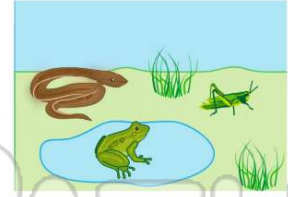
1 Which organism carries out **autotrophic nutrition**?

- A frog
- B snake
- C plant
- D grasshopper



2 The **base** of an **energy pyramid** for this ecosystem would include a

- A frog
- B snake
- C plant
- D grasshopper



3 Which **ecological term** includes **everything** represented in the illustration below?

- A ecosystem
- B community
- C population
- D species



4 In **heterotrophs**, energy for the life processes comes from the **chemical energy** stored in the bonds of

- A water molecules
- B oxygen molecules
- C organic compounds



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7 material present
B decreased levels of carbon dioxide in the area
C the lack of abiotic factors in the area
D the process of ecological succession

the heat can be recycled through the ecosystem
C can take in carbon dioxide and convert it into oxygen
D convert molecules of dead organisms into permanent biotic parts of an ecosystem

9 An environment can support only as many organisms as the **available** energy, minerals, and oxygen will allow. Which term is best described by this statement?

- A biological feedback
- B carrying capacity
- C homeostatic control
- D biological diversity

10 Which animal has modified ecosystems more than any other animal and has had the **greatest negative impact** on world ecosystems?

- A gypsy moth
- B zebra mussel
- C human
- D shark

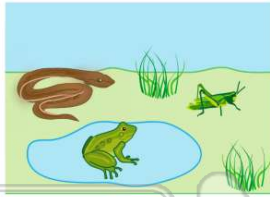




ANSWER KEY

Which organism carries out **autotrophic nutrition**?

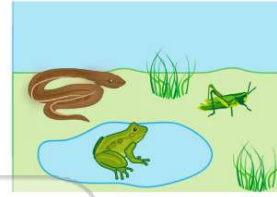
- A frog
- B snake
- C plant
- D grasshopper



(C)

The **base** of an **energy pyramid** for this ecosystem would include a

- A frog
- B snake
- C plant
- D grasshopper



(C)

Which **ecological term** includes **everything** represented in the illustration below?

- A ecosystem
- B community
- C population
- D species



(a)

In **heterotrophs**, energy for the life processes comes from the **chemical energy** stored in the bonds of

- A water molecules
- B oxygen molecules
- C organic compounds
- D inorganic compounds

(C)



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- B decreased levels of carbon dioxide in the area
- C the lack of abiotic factors in the area
- D the process of ecological succession

- C can take in carbon dioxide and convert it into oxygen
- D convert molecules of dead organisms into permanent biotic parts of an ecosystem

An environment can support only as many organisms as the **available** energy, minerals, and oxygen will allow. Which **term** is best described by this statement?

- A biological feedback
- B carrying capacity
- C homeostatic control
- D biological diversity

(b)

Which animal has modified ecosystems more than any other animal and has had the **greatest negative impact** on world ecosystems?

- A gypsy moth
- B zebra mussel
- C human
- D shark



(c)