

Microorganisms



Class Date Name

Which organisms lack a respiratory system and exchange respiratory gases through thin, moist membranes directly with the environment? Circle the answer letter.

a. monerans, plants & animals

b. monerans, protists & fungi

c. chordates, arthropods & reptiles

Some deep-sea bacteria live near

submerged volcanoes and make their own food using energy derived

from minerals coming from the

Organisms that have the ability to use an atmospheric gas to produce an organic nutrient are known as

herbivores decomposers autotrophs carnivores

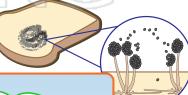
y yeast

ne air.

Circle the method of reproduction shown in the diagram below.

budding

sporulation



hetero



PREVIEW

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aerobic heterotrophic anaerobic saprophytic



n dead organisms.

- What would most likely happen if most of the bacteria and fungi were removed from an ecosystem?
 - a. Nutrients resulting from decomposition would be reduced.
 - b. Soil fertility would increase.
 - c. Energy provided for autotrophic nutrition would be reduced.
- 10 Viruses frequently infect bacteria and insert new genes into the genetic material of the bacteria. When these infected bacteria reproduce asexually, which genes would most likely be
 - a. only the new genes
 - b. only the original genes
 - c. both the original and the new genes

passed on?

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Microorganisms - Answer Key



Class Date Name Organisms that have the ability to use Which organisms lack a respiratory system and exchange respiratory gases through an atmospheric gas to produce an thin, moist membranes directly organic nutrient are known as with the environment? decomposers herbivores Circle the answer letter. autotrophs) carnivores a. monerans, plants & animals b.) monerans, protists & fungi c. chordates, arthropods & reptiles Circle the method of reproduction shown in the diagram below. Some deep-sea bacteria live near budding submerged volcanoes and make their own food using energy derived sporulatio from minerals coming from the y yeast hetero **PREVIEW** Please Sign In or Sign Up to download the printable version of this worksheet ne air. √n dead aerobic heterotrophic organisms. anaerobic saprophytic 10 Viruses frequently infect bacteria and What would most likely happen if most of the bacteria and fungi were of the bacteria. When these infected bacteria reproduce asexually, which removed from an ecosystem? genes would most likely be a.) Nutrients resulting from passed on?

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- insert new genes into the genetic material
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