

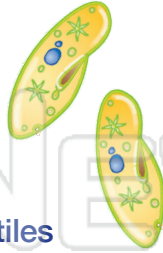


Name _____ Class _____ Date _____

1 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



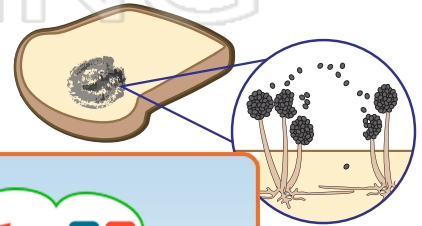
6 Organisms that have the ability to use an atmospheric gas to **produce an organic nutrient** are known as _____.

- herbivores decomposers
- autotrophs carnivores

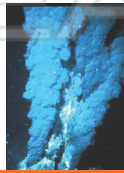


7 Circle the **method of reproduction** shown in the diagram below.

- budding
- sporulation



2 Some **deep-sea bacteria** live near submerged volcanoes and **make their own food** using energy derived from minerals coming from the

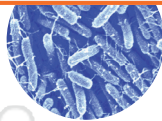


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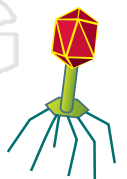
- aerobic heterotrophic
- anaerobic saprophytic



4

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 passed on?

- a. only the new genes
- b. only the original genes
- c. both the original and the new genes



5 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.





Microorganisms - Answer Key

H.S. Bio

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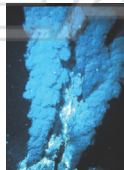


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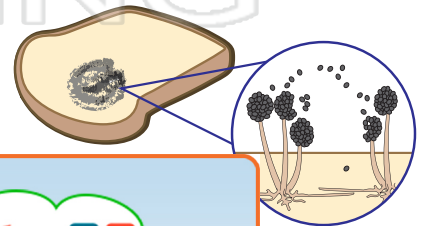


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hetero

3 V
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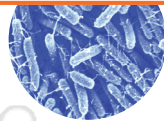


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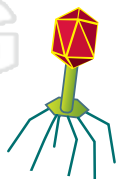
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