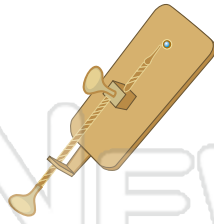




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

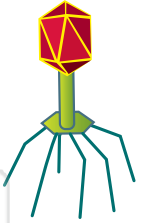
1 Who **discovered** the **first bacterial cell** in the late **1600's**? Circle the answer letter.

- a. Albert Einstein
- b. Robert Hooke
- c. Anton van Leeuwenhoek
- d. Richard Boisvert



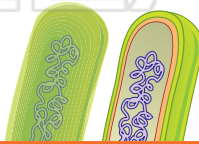
6 What is the **only similarity** that a **virus** shares with a **living cell**?

- a. It breathes.
- b. It can grow and develop.
- c. It reproduces.
- d. It uses energy.



2 **Bacteria** do **not** have a **nucleus**. What does this classify them as? Circle the answer.

eukaryotes    single-cells



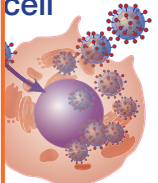
7 A **cold** is an example of a **viral infection**. Is there a **cure** for viral infections? Yes or no?



3 V  
o



and take  
will stop  
cell



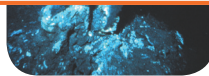
e virus

4 V  
li

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Archaeobacteria



5 Considering all interactions with **bacteria**, they are **both** helpful and harmful. Choose one reason **bacteria** are **helpful to humans**.

- a. They cause infectious diseases.
- b. They help spoil food.
- c. They help to break down food molecules in our bodies.



- b. by washing your hands
- c. by giving an organism a vaccine
- d. all of the above

10 Circle the process **bacterial cells** use to reproduce **sexually**. Underline the process they use to reproduce **asexually**.

conjugation

respiration

binary fusion

binary fission

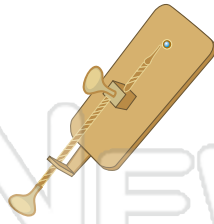


# Bacteria & Viruses - Answer Key

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

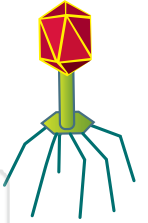
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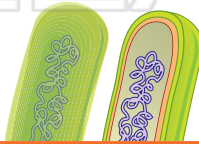
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**eukaryotes**    **single-cells**



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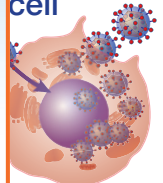


There are no cures but there are medicines that help with symptoms.

3



and **take** **will stop** **cell**



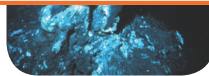
e virus

4

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**Archaeobacteria**



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