

# Bacteria and Viruses Study Guide

4 pages + 4-page Answer KEY

## BACTERIA AND VIRUSES STUDY GUIDE

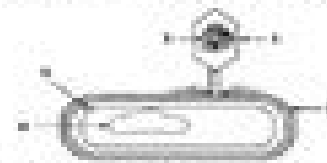
1. Bacteria and viruses are both microorganisms. They do not have a nucleus or membrane-bound organelles.
2. Draw and label the three shapes of bacteria.

3. Name 2 types of antibiotics.
4. Antibiotics often inhibit what type of reproduction?
5. Why does your body (and the rest of your body) consider viruses to be non-self?
6. Why is whether a virus is living or nonliving a difficult question to answer?
7. Where is the capsid of a virus located?
8. What is a retrovirus?
9. Typical viruses have 2 parts. What are they?
10. What is the difference between the lytic and lysogenic cycles in viruses?

# ANSWER KEY INCLUDED

## Biology

- Notes: \_\_\_\_\_ Date: \_\_\_\_\_
- Use the illustration below to help you with the following questions.



11. The virus shown is what type of virus? \_\_\_\_\_
12. The organism the virus is attacking is a bacterial cell. How can you tell?
13. The part of the drawing labeled 1 is the \_\_\_\_\_.
14. The part of the drawing labeled 2 is the \_\_\_\_\_.
15. Name 3 different viruses.
16. How does HIV cause AIDS?
17. Name 2 types of viruses that cause disease.
18. Name 2 types of viruses that cause disease.
19. Name 2 types of viruses that cause disease.



# Viruses And Bacteria Study Guide

**Will Marchment**



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