**Viruses and Bacteria Review Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**



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| --- | --- |
| **Across**4. viruses that attack only bacteria6. can spread from one organism to another8. organism that doesn't use oxygen9. organisms that make their own food11. houses and nourishes a parasite14. made of just a protein coating16. made of a nucleic acid only18. using energy from sunlight to make food19. live in anaerobic places and release methane as waste20. using energy from inorganic chemicals to make food21. caused by germs | **Down**1. salt lovers2. organism that uses oxygen3. an increase in body temperature5. organism living on or in another organism7. poisonous chemicals inside a bacteria that aren't released until it dies10. heat lovers12. injected dead or weakened virus to increase immunity13. disease causing15. poisonous chemicals released from living bacteria as waste17. resistance to a disease |

**1. Match the following:**

|  |  |
| --- | --- |
| \_\_\_\_\_ streptobacillus\_\_\_\_\_ tetrad\_\_\_\_\_coccus\_\_\_\_\_staphylococcus\_\_\_\_\_diplobacillus\_\_\_\_\_ spirillum\_\_\_\_\_ bacillus\_\_\_\_\_streptococcus\_\_\_\_\_ diplococcus |    |

**2. Explain the lytic cycle of a virus.**

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**3. Name and briefly describe (give examples) of the three lines of defense the body has against infectious diseases.**

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**4. List 5 diseases each caused by bacteria and viruses**

**BACTERIAL DISEASES VIRAL DISEASES**