

Name: \_\_\_\_\_

Date: \_\_\_\_\_



## Virus or Bacteria?

Go to [www.biologybynapier.com](http://www.biologybynapier.com), the Virus Unit, scroll to today's date and click the "Virus or Bacteria?" link. Or go to <https://www.curriculumbits.com/prodimages/details/biology/microbes-and-disease.html>

When you finish classifying the diseases, fill in the chart below:

Viruses	Bacteria

Go to [www.biologybynapier.com](http://www.biologybynapier.com), the Virus Unit, scroll to today's date and click the "Virus Jeopardy" link. Or go to <https://jeopardylabs.com/play/viruses-and> and play Jeopardy! **You can play on your own but it would be more fun to pair up and play against each other! Use the space bar and esc key to navigate the game.** As you play the game – write the answers to the questions below!

1. Bacteria that break down dead organisms. What is \_\_\_\_\_
2. Asexual reproduction is when two parents produce and offspring. What is \_\_\_\_\_
3. The process of breaking down food to release energy. What is \_\_\_\_\_
4. A substance that stimulates the body to fight viruses or bacteria. What is \_\_\_\_\_
5. A virus must invade this to multiply (replicate). What is \_\_\_\_\_
6. A virus that destroys and attacks bacteria. What is \_\_\_\_\_
7. A whip-like structure found only on cells for movement. What is \_\_\_\_\_
8. Best treatment for an unknown viral disease. What is \_\_\_\_\_
9. Hidden or **lysogenic** viruses immediately take over a host cell's functions. What is \_\_\_\_\_
10. This is inside a bacterial cell and surrounded by the cell membrane. What is \_\_\_\_\_
11. This kills bacteria without harming the human body cells. What is \_\_\_\_\_
12. This is where proteins are synthesized. What is \_\_\_\_\_
13. A **lytic** virus immediately goes into action to take over the host cell's function. What is \_\_\_\_\_
14. Bacteria are prokaryotic cells that contain nuclei. What is \_\_\_\_\_

15. Some bacteria can make these to survive in unfavorable conditions. What is \_\_\_\_\_
16. One bacteria cell divides into two identical bacteria cells. What is \_\_\_\_\_
17. Virus have a protein coat and this inside. What is \_\_\_\_\_
18. Bacteria can reproduce by this. What is \_\_\_\_\_
19. *Clostridium tetani* bacteria produces this to cause tetanus. What is \_\_\_\_\_
20. Two parents combine DNA to form offspring. What is \_\_\_\_\_
21. One way infectious diseases can spread. What is \_\_\_\_\_
22. An illness that passes from one organism to another. What is \_\_\_\_\_
23. Some infectious diseases can be prevented with vaccines. What is \_\_\_\_\_
24. When one bacterium transfers DNA into another bacterium. What is \_\_\_\_\_
25. An organism that lives on or in a host cell and causes harm. What is \_\_\_\_\_

What do cells have that viruses do NOT have?

What do viruses have that cells do NOT have?

What do BOTH viruses and cells have in common?