

Name: _____

Date: _____



Virus or Bacteria?

Go to 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, 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?