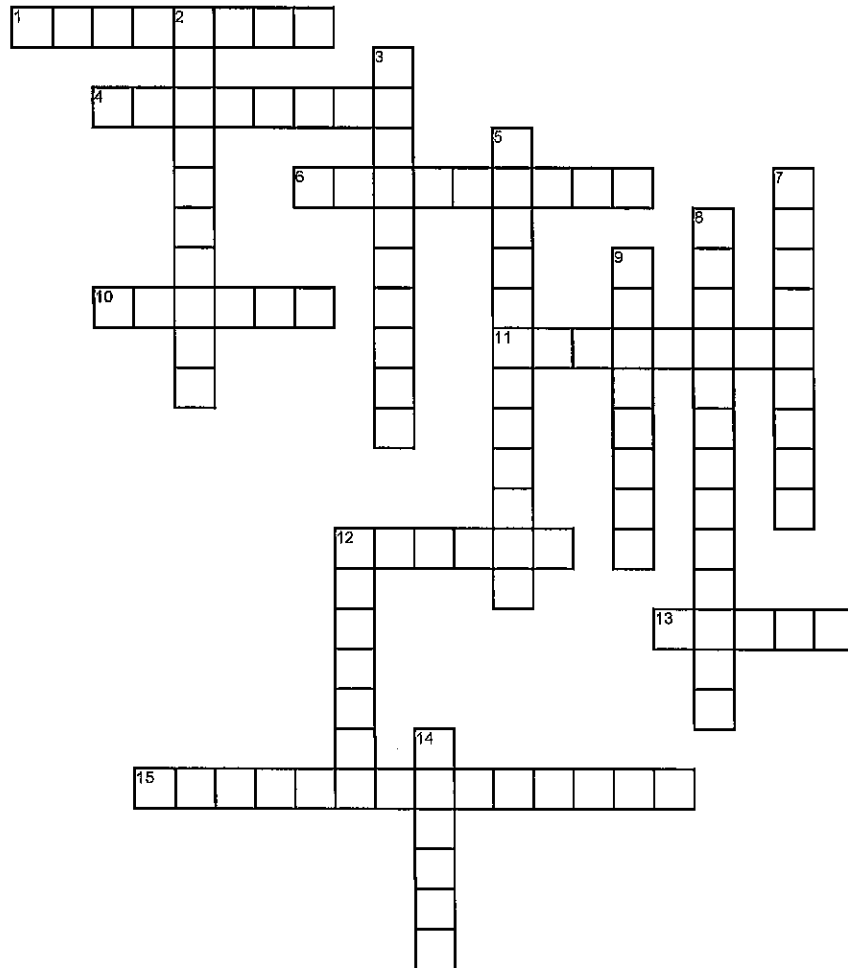


Bacteria and Viruses level 2, Holt Biology

Name _____ Date _____

Instructions: Complete the puzzle. Use the clues to help you fill the boxes with the correct words.



ACROSS

1. a rod-shaped bacterium
4. a virus, microorganism, or other substance that causes disease; an infectious agent
6. a spiral-shaped bacterium
10. a sphere-shaped bacterium
11. viral DNA that has attached to a host cell's chromosome and that is replicated with the chromosome's DNA
12. a protein sheath that surrounds the nucleic acid core in a virus
13. an infectious particle that consists only of a protein and that does not contain DNA or RNA
15. viral cycle where viral DNA joins with bacterial DNA to form a provirus that will house the virus in a dormant state

DOWN

2. cycle in which a viral genome replicates resulting in the destruction of the host cell
3. a substance that can inhibit the growth of or kill some microorganisms
5. a protein to which carbohydrate molecules are attached
7. a thick-walled protective spore that forms inside a bacterial cell and resists harsh conditions
8. a virus that evolves in a geographically isolated area and is pathenogenic to humans
9. a membranelike layer that covers the capsids of some viruses
12. in mosses, the part that contains spores; in bacteria, a protective layer of polysaccharides around the cell wall
14. an infectious agent that consists of a small strand of RNA and that causes disease in plants