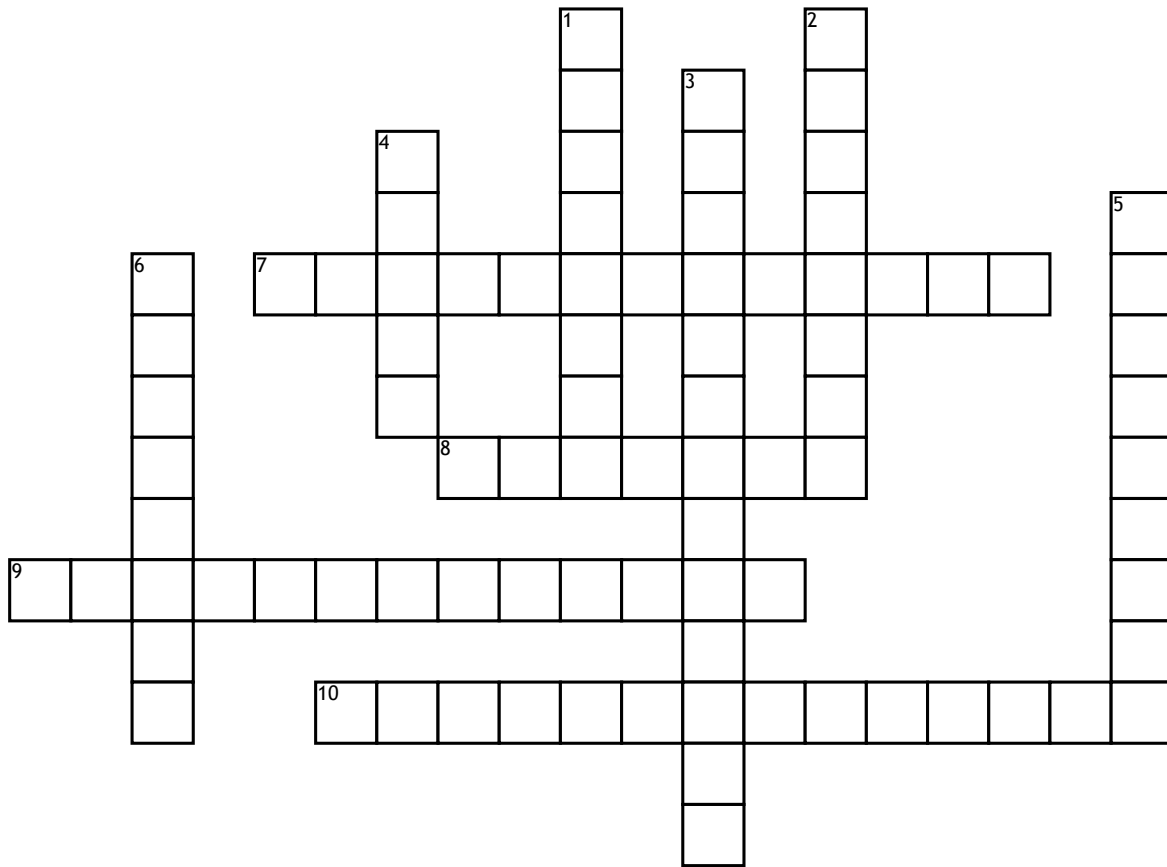


Name: \_\_\_\_\_

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

# Viruses



## Across

7. A phage that replicates only by a lytic cycle.
8. A harmless variant or derivative of a pathogen that stimulates a host's immune system to mount defenses against the pathogen.
9. A membrane, derived from membranes of the host cell, that cloaks the capsid, which in turn encloses a viral genome.
10. A phage that is capable of replicating by either a lytic or lysogenic cycle.

## Down

1. A global epidemic

2. A phage genome that has been inserted into a specific site on a bacterial chromosome.
3. A virus that infects bacteria; also called a phage
4. An infectious particle incapable of replicating outside of a cell, consisting of an RNA or DNA genome surrounded by a protein coat (capsid) and, for some viruses, a membranous envelope.
5. The limited number of species whose cells can be infected by a particular virus
6. A viral genome that is permanently inserted into a host genome.