

Vocabulary

- Host Cell

- Lytic Infection

- Lyse

- Bacteriophage

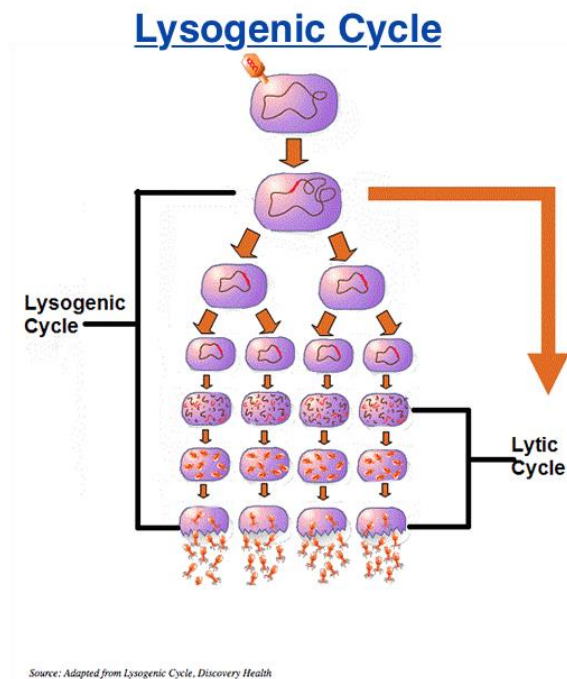
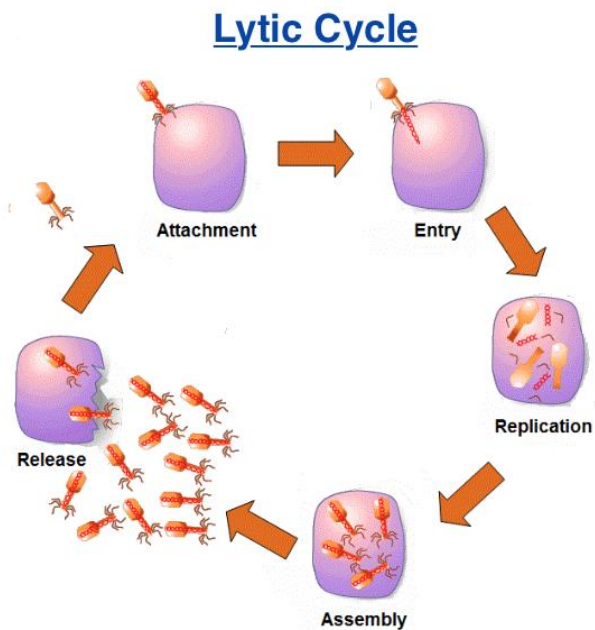
- Lysogenic Cycle

- Daughter Cell

- Prophage

1. Why do Scientists consider viruses to be nonliving?

2. Explain the steps of a lytic infection, starting with attachment.



3. Compare and contrast the lytic and lysogenic cycles of viral replication.

4. What might trigger a prophage, or provirus, to become active and enter the lytic cycle?

5. What are the advantages of entering a lysogenic cycle?