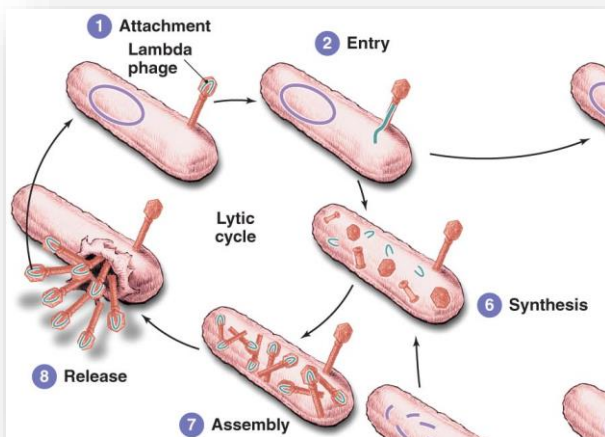


PRINT AND HANDWRITE YOUR ANSWERS!

1. What is a virus?
2. Why do viruses need cells?
3. Viruses are composed of a \_\_\_\_\_ and \_\_\_\_\_. That nucleic acid can be DNA (double stranded or single stranded) OR RNA (double stranded or single stranded).
4. Some viruses have an envelope. What is the envelope composed of?
5. What is a bacteriophage (phage)?
6. Describe what is happening at each stage of the lytic cycle of the bacteriophage:



7. What is the lysogenic cycle of the bacteriophage?
  
8. What is latency of animal viruses?
  
9. Describe how viruses are capable of causing cancer.
  
10. What is a viroid?
  
11. What is a prion?
  
12. Describe how phage therapy can be used to treat infection.