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Lytic and Lysogenic Cycles

1. Draw and label both the lytic and lysogenic cycle.

2a) In the lytic cycle \_\_\_\_\_\_\_\_\_?

* 1. The phage ruptures the bacterial cell membrane to release the newly formed viral particles
  2. The DNA of the cell mutates and the cell lyses itself
  3. The cell DNA takes over the replication machinery and the phage DNA
  4. The DNA of the infecting phage becomes incorporated into bacterial chromosome

2b) Based on your answer in 2a, describe how the lysogenic cycle differs from the lytic cycle.