

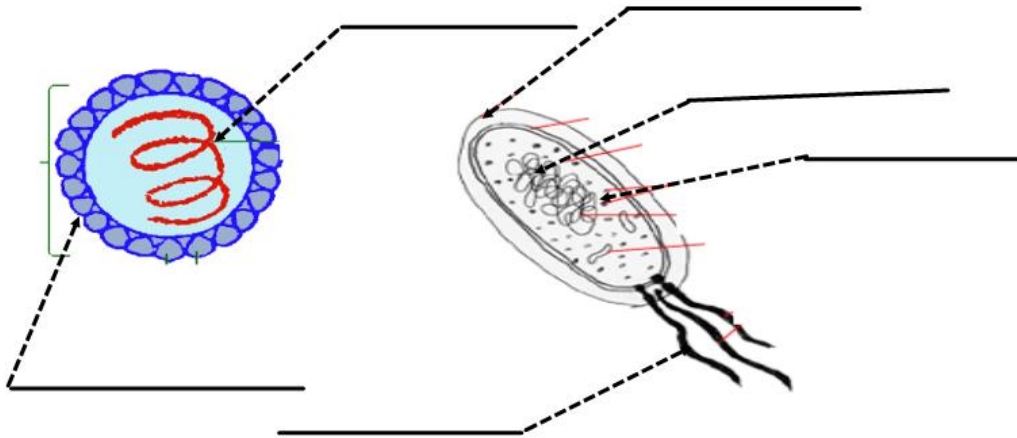
Unit 2: Viruses and Monera

1. State Whether each of the following terms is associated with Monera or Viruses or both

Antibiotic	Spirilla	capsid	staphylococci
Replication	binary fission	bacilli	air contamination
bacteriophage	tabacoo mosaic	cocci	living
non-living	decomposers		

2. What shapes are the following?
 a. Cocci b. bacilli c. spirilla d. "diplo" e. "staphylo" f. "strepto"

3. Label the following diagram using words from your definition sheet.



4. Place the correct number (1, 2, 3, 4) beside the order in which each step occurs during Viral Replication:

- _____ Host Cell Bursts
- _____ Virus injects host with nucleic acid
- _____ Host Cell makes more viruses
- _____ Virus attaches to host

5. List how each of the following viruses can be spread either by
 a. Air borne
 b. Contaminated food or drinking water
 c. Animal or insect bites

Influenza hepatitis rabies malaria

6. What are the ways food can be preserved from harmful bacteria? Describe each method.

7. What are two examples of helpful bacteria?

8. How are viruses classified?

9. How are bacteria classified?

10. For each of the following place a T or an F in the blank space.

- a. Harmful Bacteria can be treated using antibiotics _____
- b. Nucleic acid is only part of bacteria _____
- c. The first step in viral replication is injecting its host with nucleic acid. _____
- d. Bacteria are classified by their types animal, plant or bacterial _____
- e. Bacteria that break down remains of dead organisms are called decomposers _____
- f. Viruses require a host to reproduce _____