

Name \_\_\_\_\_

Date \_\_\_\_\_ Pd \_\_\_\_\_

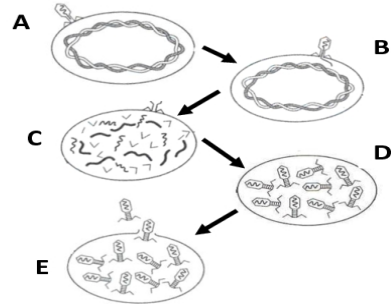
### Virus and Bacteria Worksheet

#### VIRUSES:

- \_\_\_\_\_ Do viruses belong to a kingdom?
- \_\_\_\_\_ What is the structural level of a virus? (what does it NOT look like)
- \_\_\_\_\_ A virus is made of \_\_\_\_ and \_\_\_\_  
\_\_\_\_\_ & \_\_\_\_\_
- \_\_\_\_\_ What do viruses have to support the idea that they are living?
- \_\_\_\_\_ Viruses that contain RNA are called:  
\_\_\_\_\_ Give an example:
- \_\_\_\_\_ Name of virus that attack bacteria?
- \_\_\_\_\_ Made up of only protein only; cause of "Mad Cow disease"

Match the letter in the diagram (right) with the best statement:

- \_\_\_\_\_ Virus' nucleic acid is injected into host cell.
- \_\_\_\_\_ The virus' nucleic acid is copied.
- \_\_\_\_\_ The host cell explodes, releasing more viruses.
- \_\_\_\_\_ The virus attaches itself to the host cell.
- \_\_\_\_\_ Cell reproduces more viruses.



#### BACTERIA:

- \_\_\_\_\_ Kingdom of true bacteria
- \_\_\_\_\_ Cell walls of bacteria lack \_\_\_\_
- \_\_\_\_\_ Two ways bacteria cause illness:  
\_\_\_\_\_
- \_\_\_\_\_ What is the structural level of bacteria?
- \_\_\_\_\_ A symbiotic relationship exists between \_\_\_\_ and \_\_\_\_ in humans.  
\_\_\_\_\_
- \_\_\_\_\_ Kingdom of the ancient bacteria
- \_\_\_\_\_ Where do the bacteria listed in *question 6* live?