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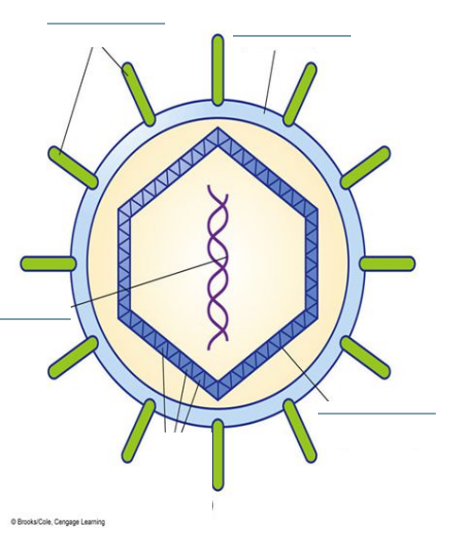
Class: \_\_\_\_\_\_\_\_\_\_\_\_

Virus Quiz - KEY

1. Label the parts of the virus below.

Envelope (membrane)

Protein spikes



Capsid (protein coat)

Nucleic Acid

1. Which one of these is not a way to prevent yourself from contracting the flu virus:
   1. Being around an infected person
   2. Washing your hands
   3. Disinfecting surfaces
   4. Sneezing into a tissue
2. Which is more common the flu virus or Ebola?

Flu

1. What is the capsid?

A protein coat surrounding the virus genetic material

1. A virus has genetic material of either­\_\_\_DNA\_\_\_\_\_\_ or \_\_\_RNA\_\_\_\_\_\_ but never both.

1. True or False: Viruses can replicate on their own.
2. An active virus is in the \_\_\_\_\_\_\_\_\_\_\_\_Lytic\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cycle.

1. A latent virus is in the \_\_\_\_\_\_\_\_Lysogenic\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cycle.
2. Give an example of a lytic virus.

Influenza, Rabies, Common Cold, Ebola

1. Name three symptoms that flu and Ebola have in common.

Fever, muscle pain, fatigue, headaches.