

Name _____ Block _____ Date _____

Characteristics of Viruses (Characteristics of Life)

The Research Question:

Research Plan (Explain how you will use scientific information and concepts to **scientifically** answer your research question.):

Key Information, Observations, and Patterns:

Conclusion

Claim:

Evidence:

Reasoning:

Explain how an understanding of the Cell Theory helps scientists to answer the question, "Are viruses alive?"

Complete the box-and-t-chart below to compare and contrast viruses with living things. Include at least 3 similarities and at least 6 differences.

Both...

Viruses	Living Things

Why were viruses discovered so much later than bacteria? (Hint: Viruses are observed using an electron microscope, which can magnify images up to 10,000,000 times!)

What most likely appeared on earth first – viruses or cells? Explain your prediction. (Hint: Viruses require a host cell to reproduce.)
