

Viral Diseases

Name_____

Use your book (beginning on pg. 488) to answer the following questions about viruses and their effects on humans, animals, and plants.

1. How do viruses produce diseases in humans?_____
2. What does polio do to your cells?_____
3. Can viral diseases be treated with antibiotics?_____
4. How can viral diseases be prevented?_____
5. Is it more important to receive a vaccine before or after your are infected with a disease?_____
6. What as the latest epidemic affecting cows in Europe?_____
7. What can some viruses cause in chickens?_____
8. What is the name of the viruses that attacks tobacco plants?_____
9. Why do viruses have a harder time entering plant cells vs. animal cells?_____
10. How have viruses adapted to enter the plant cell?_____
11. How are many plant viruses spread?_____
12. What insect spreads the potato yellow dwarf virus? HOW!!_____
13. What happens to a plant when a virus begins attacking their cells?_____
14. What is the difference between a viroid and prion? _____
15. Do viroids have a protective capsid? What are they primarily made of?_____
16. What effect do viruses have on plants?_____
17. What animal does scrapie affect?_____
18. What makes prions unique?_____
19. Can humans become infected by prions?_____
20. What are some diseases found in humans, that could be caused by prions?_____

Disease Caused By Viruses

Disease	Effect on Body	Transmission
Common Cold		
Influenza		
Smallpox		
AIDS		
Chickenpox		
Measles		
Hepatitis A		
Hepatitis B, Hepatitis C		
West Nile		