



knowledge quiz

Viruses

Name _____

1. Which of the following is necessary for a virus to reproduce?
 - A. a living host cell
 - B. a vaccine
 - C. a high body temperature
 - D. sunlight, water, and food
2. Vaccines protect us against dangerous viral diseases by training the body to recognize and destroy specific invading viruses. Vaccines are made from
 - A. weakened or dead versions of a dangerous virus.
 - B. antibiotics.
 - C. human white blood cells.
 - D. medicines that cure the symptoms of viral diseases.
3. Which of the following diseases has NOT been reduced or eliminated by vaccines?
 - A. smallpox
 - B. AIDS
 - C. polio
 - D. measles
4. A natural vaccination happens when
 - A. a doctor gives a person a measles vaccine.
 - B. a person becomes immune to chicken pox after contracting it.
 - C. a person catches a cold.
 - D. after contracting influenza once, a person can contract it again.
5. Viruses are carried within the fluids and tissues of the body. They are spread between people in different ways, including
 - A. contact with contaminated blood.
 - B. insects that transmit infected blood.
 - C. contact with contaminated saliva or mucus.
 - D. all of the above.



knowledge quiz

Viruses

6. The immune system protects the body from disease. Because the AIDS virus weakens the immune system,
 - A. people with AIDS are more vulnerable to other diseases.
 - B. the AIDS virus is spread very easily.
 - C. people with AIDS are immune to all other diseases.
 - D. all of the above.

7. Viruses in the body are destroyed by
 - A. red blood cells.
 - B. white blood cells.
 - C. vaccines.
 - D. antibodies.

8. Before its extinction in 1978, for how long had humans been affected by smallpox?
 - A. 60 years
 - B. 400 years
 - C. 1,000 years
 - D. over 3,000 years

9. Some types of viruses are spread between animals and humans. An example of this is
 - A. a dog infected with rabies can infect people by biting them.
 - B. all colds are spread from cats to people.
 - C. horses often spread chicken pox to children.
 - D. a deer infected with measles will infect anyone who walks near it.

10. What ability do viruses have that we are trying to turn to our own advantage?
 - A. the ability to target specific areas of the body
 - B. the ability to spread quickly
 - C. the ability to break into cells
 - D. the ability to mutate and evolve