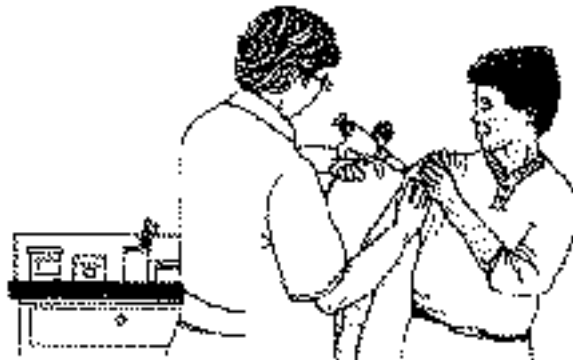


● Viruses

Check (✓) the statements that agree with the textbook.

- _____ 1. Some viruses can be crystallized and stored in a jar for years.
- _____ 2. Some viruses can cause diseases.
- _____ 3. Viruses are identified as living things.
- _____ 4. Edward Jenner developed the first vaccine.
- _____ 5. All viruses contain hereditary material.
- _____ 6. The shape of all viruses is spherical like a basketball.
- _____ 7. The core of a virus is surrounded by a protein coat.
- _____ 8. Latent viruses can hide inside host cells for a long time.
- _____ 9. Viruses cause disease in protists, fungi, bacteria, plants, and animals.
- _____ 10. Gene therapy involves substituting correctly coded hereditary material for a cell's incorrect hereditary material.
- _____ 11. Viruses are often named for the diseases they cause.
- _____ 12. A virus can reproduce without a host cell.
- _____ 13. The protein coat of a virus gives the particle its shape.



14. The shot being given by the doctor in the illustration will prevent a viral disease. What is the solution in the shot called? _____
15. What is the solution made of? _____

Name the four steps an active virus takes to reproduce itself inside a bacterial cell.

16. _____ 18. _____
17. _____ 19. _____