

## Lesson 3 – The Evolution of Disease: Viruses, Bacteria, and Immunity

Name \_\_\_\_\_

1. Name two diseases caused by viruses and two diseases caused by bacteria. Identify the virus or bacterium that causes it and give one fact about each disease.

2. Name three diseases that cannot be cured by antibiotics and explain why antibiotics do not work against them.

3. Describe steps in the process by which bacteria could become resistant to an antibiotic.

4. Describe how a virus could evolve to continue infecting new populations of people.

5. If you were a germ, why would it be important to evolve?

6. Why is it important for our immune systems to be able to fend off germs in different ways?