

Name _____

The Antibiotic Conundrum: Untangling the Mystery of Virus Treatment

Open-Ended Response Answer Key

1. It's important to use antibiotics appropriately to prevent antibiotic resistance, ensure effective treatment of bacterial infections, and preserve the effectiveness of antibiotics for future generations.
2. Some potential consequences of antibiotic resistance include the inability to treat common infections, longer hospital stays, and increased mortality rates from bacterial infections.
3. One way to prevent the misuse of antibiotics is through education and awareness campaigns that inform the public about the appropriate use of antibiotics and the consequences of misuse.
4. Antiviral medications differ from antibiotics in that they specifically target viruses and work by interfering with viral replication or other aspects of the virus's life cycle. Antibiotics, on the other hand, are designed to kill or inhibit the growth of bacteria.

