

Name \_\_\_\_\_

## The Microscopic Showdown: Bacteria vs. Viruses

### Open-Ended Response Answer Key

1. Understanding the difference helps in combating infectious diseases and maintaining ecosystem balance.
2. COVID-19 is caused by the SARS-CoV-2 virus.
3. Bacteria reproduce through binary fission, where one cell divides into two identical cells.
4. Viruses cannot replicate on their own and require a host cell to multiply.

