

Name \_\_\_\_\_

## Evolution in Action: The Fascinating World of Viral Mutations

### Short Answer Key

1. Mutations in viruses are changes in their genetic material that occur during replication.
2. Viruses replicate by invading living cells and using their machinery to produce more viruses.
3. Mutations in viruses can lead to enhanced spreading abilities, drug resistance, or evasion of the immune system.
4. Viruses mutate through recombination by exchanging genetic material with other viruses when they infect the same cell.
5. Exposure to antiviral medications drives the evolution of drug-resistant strains of viruses.

