

Name _____

The Antibiotic Arsenal: How Antibiotics Battle Bacterial Invaders

Open-Ended Response Questions

1. Describe one mechanism by which antibiotics can disrupt bacterial DNA replication.
2. Explain why overuse or misuse of antibiotics can contribute to the development of antibiotic resistance.
3. How can scientists stay ahead of bacteria in the ongoing battle against antibiotic resistance?
4. Discuss the importance of patient education in promoting responsible antibiotic use.

