

Name \_\_\_\_\_

## Unveiling the Antibiotic Arsenal: Exploring the Main Types of Antibiotics

### Open-Ended Response Questions

1. Discuss one advantage and one disadvantage of using penicillins as antibiotics.
2. How do cephalosporins differ from penicillins in their mechanism of action?
3. Explain why it's important for antibiotics to have different mechanisms of action.
4. Describe one potential consequence of bacterial resistance to tetracyclines.

