



1. Ciprofloxacin is an antibiotic which kills multiple species of bacteria by inhibiting DNA replication. Is it:
 - a. Bactericidal or bacteriostatic? _____
 - b. Broad or narrow spectrum? _____
2. Draw an outline of a bacterial cell, including the cellular contents, and label all the areas. Circle areas where antibiotics are active.
3. How do viruses differ from bacteria?
4. What is the difference between conjugation and transformation?
5. How are resistant bacteria spread throughout the community? List as many methods of transmission as you can think of.
6. The correct use of antibiotics can prevent the increase in antibiotic resistance. How should antibiotics be used correctly?
7. Create a slogan or poster title that can be used to promote correct antibiotic use to the public.

