SECTION 18.6 | BACTERIAL DISEASES AND ANTIBIOTICS

Study Guide

KEY CONCEPT
Understanding bacteria is necessary to prevent and treat disease.

VOCABULARY
- toxin
- antibiotic

MAIN IDEA: Some bacteria cause disease.
1. What are two ways that bacteria can cause illness?
2. Why are people often unaware of the presence of potentially disease-causing bacteria in their bodies?
3. What are two ways that people can get food poisoning?

MAIN IDEA: Antibiotics are used to fight bacterial disease.
4. Why can’t antibiotics be used to cure infections caused by viruses?
5. What are two types of organisms that produce antibiotics naturally?
6. What can you do to help prevent getting a bacterial infection?
Section 18.6 STUDY GUIDE CONTINUED

**MAIN IDEA:** Bacteria can evolve resistance to antibiotics. In the chart below, use your own words to describe the factors that have led to widespread antibiotic resistance.

<table>
<thead>
<tr>
<th>Factor</th>
<th>Resistance</th>
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</thead>
<tbody>
<tr>
<td>7. Overuse</td>
<td></td>
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<tr>
<td>8. Underuse</td>
<td></td>
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<tr>
<td>9. Misuse</td>
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**Vocabulary Check**
10. A poison released by a living thing

11. Medicine that helps you fight bacterial infection

**Identify the Infection**
Use Figure 18.18 to help you identify the infection when given the causes.

12. an open wound that gets dirty

13. breathing in this bacteria’s endospores

14. skin making excess oil

15. getting bitten by an infected wood tick

16. many bacteria on teeth and gums