1. A drug is a substance that:
   - ☐ is always harmful to the body
   - ☐ changes the chemical reactions in the body
   - ☐ only affects bacteria, never body cells
   - ☐ is always a medicine from a doctor

2. Antibiotics are effective against:
   - ☐ fungi only
   - ☐ bacteria
   - ☐ all pathogens
   - ☐ viruses

3. Antibiotics can cure a cold caused by a virus.
   ☐ True ☐ False

4. Antibiotic resistance is made worse by:
   - ☐ finishing the full course
   - ☐ using them only when needed
   - ☐ overusing antibiotics
   - ☐ washing your hands

5. Take antibiotics according to the instructions of the qualified health care _____.

   _____

6. In antibiotic resistance, the bacteria are resistant, rather than the patient becoming immune to the medicine.
   ☐ True ☐ False

7. After an antibiotic kills susceptible bacteria, why can resistant bacteria become a larger fraction of the population?
   - ☐ The survivors reproduce and pass on resistance
   - ☐ The patient becomes a resistant bacterium
   - ☐ All bacteria choose to become resistant

8. Antibiotics target bacteria; they do not kill _____.

   _____

9. Why will an antibiotic not cure flu?

   - ☐ Antibiotics work only on fungi.
   - ☐ Flu is caused by a virus.
   - ☐ Flu is caused by a bacterium that always resists.

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1. **changes the chemical reactions in the body**

   A drug alters the body's chemistry; it can help or harm.

2. **bacteria**

   Antibiotics kill bacteria, not viruses.

3. **False**

   Colds are viral; antibiotics do not work on viruses.

4. **overusing antibiotics**

   Overuse lets resistant bacteria survive and spread.

5. **professional**

   Follow the prescribed dose and duration, and ask the health professional before changing treatment. Completing a course does not guarantee that every bacterium is killed.

6. **True**

   Resistant bacteria survive the treatment and reproduce; resistance is a bacterial property.

7. **The survivors reproduce and pass on resistance**

   Selection favours resistant survivors. Bacteria do not become resistant because they decide they need to.

8. **viruses**

   Viruses do not have the same cellular targets as bacteria.

9. **Flu is caused by a virus.**

   Antibiotics act on bacteria, not on viruses.