

Viruses, Bacteria, Protists, and Fungi ▪ 9.2 Review and Reinforce**Bacteria****Understanding Main Ideas**

Answer the following questions on a separate sheet of paper.

1. How are bacterial cells different from the cells of eukaryotes?
2. List four ways that bacteria are helpful to people.

Building Vocabulary

Match each term with its definition by writing the letter of the correct definition on the line beside the term.

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| _____ 3. endospore | a. a process in which two parents combine their genetic material to produce a new organism that differs from both parents |
| _____ 4. binary fission | b. a process in which one bacterium divides to form two identical bacterial cells |
| _____ 5. decomposer | c. a small, thick-walled resting cell that forms inside a bacterial cell |
| _____ 6. sexual reproduction | d. organism that breaks down the large chemicals in dead organisms into small chemicals |
| _____ 7. flagellum | e. a process in which one bacterium transfers genetic material into another bacterial cell |
| _____ 8. pasteurization | f. whiplike structure that helps a cell to move |
| _____ 9. conjugation | g. a process of heating food to a temperature that is high enough to kill most harmful bacteria without changing the taste of food |