

## STUDY GUIDE

## ● Two Kingdoms of Bacteria

Write the letter of the term or phrase that best completes each sentence.

- \_\_\_\_\_ 1. Organisms whose cells have no membrane-bound organelles are \_\_\_\_\_.  
a. prokaryotes  
b. eukaryotes
- \_\_\_\_\_ 2. Thousands of \_\_\_\_\_ live on and in your body.  
a. bacteria  
b. cyanobacteria
- \_\_\_\_\_ 3. Organisms that use oxygen for respiration are \_\_\_\_\_ organisms.  
a. aerobic  
b. anaerobic
- \_\_\_\_\_ 4. A \_\_\_\_\_ is a substance that absorbs light.  
a. bloom  
b. pigment
- \_\_\_\_\_ 5. Some bacteria have a thick \_\_\_\_\_ that surrounds the cell wall.  
a. membrane  
b. capsule
- \_\_\_\_\_ 6. Most bacteria reproduce by \_\_\_\_\_.  
a. tubes  
b. fission
- \_\_\_\_\_ 7. Bacteria that live in the intestines of cattle are \_\_\_\_\_ bacteria.  
a. anaerobic  
b. aerobic
- \_\_\_\_\_ 8. Some bacteria have a whiplike tail called a \_\_\_\_\_.  
a. bloom  
b. flagellum

Under each picture, write the name of each kind of bacteria.

