

**Lesson Quiz**

# Domains and Kingdoms

Write the letter of the correct answer on the line at the left.

1. \_\_\_ Which of the following is **NOT** true about bacteria?
  - A Bacteria can be autotrophic or heterotrophic.
  - B Bacteria are prokaryotes.
  - C Bacteria have a cell nucleus.
  - D Bacteria are unicellular.
2. \_\_\_ Which of the following is true about animals?
  - A Animals are eukaryotes.
  - B Animals are autotrophic.
  - C Animals are unicellular.
  - D Animal cells do not contain nucleic acids.
3. \_\_\_ Bacteria and archaea are placed in separate kingdoms because
  - A they both are unicellular
  - B their structure and chemical makeup differs
  - C bacteria are autotrophs and archaea are heterotrophs
  - D bacteria are prokaryotes and archaea are eukaryotes
4. \_\_\_ Organisms belonging to which kingdom are all autotrophs?
  - A fungi
  - B plants
  - C protists
  - D animals

Fill in the blank to complete each statement.

5. The dense area of a cell that contains nucleic acids is the \_\_\_\_\_.
6. In the modern system of classification, the three domains are Bacteria, Archaea, and \_\_\_\_\_.
7. An organism whose cells lack a nucleus is called a(n) \_\_\_\_\_.
8. Marine dinoflagellates and seaweed are members of the \_\_\_\_\_ kingdom.
9. Most members of the \_\_\_\_\_ kingdom feed by absorbing nutrients from dead or decaying organisms.
10. Multicellular organisms that make their own food belong to the \_\_\_\_\_ kingdom.