**I CAN** describe the characteristics of the six kingdoms.

 List the six kingdoms of living things**.**

****Identify two characteristics of each of the six kingdoms.

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period \_\_Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**DIRECTED READING CHAPTER 9 SECTION 2: THE SIX KINGDOMS**

**pages 208-213**

As you read Chapter 9, Section 2, which begins on page 208 of your textbook, answer the

following questions:

Section 2: The Six Kingdoms (p. 208)

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_were the only kingdoms used to

 classify organisms before the discovery of organisms like *Euglena,* which has characteristics of

 both of these kingdoms.

**What Is It? (p. 208)**

**2.** What are the characteristics of *Euglena?* (Circle all that apply.)

**a.** They move around.

**b.** They are multicellular.

**c.** They can make their own food.

**d.** They can use food from other organisms.

**3.** Scientists classify *Euglena* in the kingdom .\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**4.** Do you think there will always be six kingdoms used for classifying organisms?

 **Explain**.

**The Two Kingdoms of Bacteria (p. 209)**

**5.** Bacteria are different from all other living things in that

**a.** they are single-celled organisms.

**b.** they have ribosomes.

**c.** they do not have nuclei.

**d.** they are microscopic.

Choose the bacteria kingdom in Column B that best matches the description in Column A, and write the corresponding letter in the space provided. The bacteria kingdoms may be used more than once.

**Column A** **Column B.**

6. \_\_\_\_\_live inside humans a. Archaebacteria

7. \_\_\_\_\_cause pneumonia b. Eubacteria

8. \_\_\_\_\_live in places where most

 other organisms could

 not survive

9. \_\_\_\_\_name means “ancient”

10. \_\_\_\_turn milk into yogurt

**Kingdom Protista (p. 210)**

**11.** Protists are all eukaryotic organisms that are not \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**12.** All protists are single-celled organisms. True or False? (Circle one.)

**Kingdom Plantae (p. 211)**

**13.** Plants make sugar by using energy from the \_\_\_\_\_\_\_\_\_\_ during a process called

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

.

**Kingdom Fungi (p. 212)**

**14.** List two examples of fungi.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**15.** Fungi absorb nutrients from their surroundings

**a.** through photosynthesis.

**b.** after breaking them down with digestive juices.

**c.** by surrounding their food and engulfing it.

**d.** by eating like animals.

**Kingdom Animalia (p. 213)**

**16.** Most animals share which of the following characteristics?

 (Circle all that apply.)

**a.** They have a nervous system.

**b.** They can move around.

**c.** They photosynthesize.

**d.** They are unicellular.

**17.** Unlike the cells of fungi, plants, most protists, and bacteria, animal cells do not have

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

**18. Name the six Kingdoms:**

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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