

## Two Kinds of Cells

Name:

Period:

Use Chapter 4, Section 1 of your textbook to answer the questions below.

### Two Kinds of Cells (p.118)

- \_\_\_\_\_ 1. Cells have lots of parts. Every cell has all of the following except....  
a. organelles    b. cell membrane    c. cell wall    d. cytoplasm    e. DNA
2. Cells that *have* a nucleus are called \_\_\_\_\_ cells.
3. Cells that *do not have* a nucleus are called \_\_\_\_\_ cells.
4. Are bacteria prokaryotic or eukaryotic? \_\_\_\_\_
5. Do cells that are archaea have a nucleus? \_\_\_\_\_
6. How do the insides of prokaryotic cells differ from the insides of eukaryotic cells? \_\_\_\_\_



### Prokaryotes (p.118)

7. A living thing with one cell and no nucleus is called a \_\_\_\_\_ .
- \_\_\_\_\_ 8. What is the shape of the molecule that is the DNA of a prokaryote?  
a. long and circular    b. short and straight    c. long and spiral    d. short and boxlike
9. \_\_\_\_\_ are tiny, round organelles made mostly of protein.

### Eukaryotes (p.119)

10. Eukaryotic cells are \_\_\_\_\_ in size than prokaryotic cells.
11. A living thing that has cells with a nucleus inside a membrane is called a \_\_\_\_\_ .
12. In eukaryotic cells, DNA is found in an organelle called the \_\_\_\_\_ .
13. In a cell, each \_\_\_\_\_ has a specific job.
14. Label the cells below as **prokaryotic** or **eukaryotic**.

