

Chapter 18 Classification**Section Review 18-1****Reviewing Key Concepts**

Short Answer *On the lines provided, answer the following questions.*

1. As biologists study the diversity of life, what two main tasks do they carry out?

2. On what two languages are scientific names based?

3. According to the system of binomial nomenclature, how should the scientific name of a species be written?

4. Which part of the name *Homo erectus* identifies the genus?

5. List in order from smallest to largest the seven categories in Linnaeus's system of classification.

Reviewing Key Skills

6. **Applying Concepts** Give an example of an animal that has one scientific name but two or more common names. Name the common names.

7. **Applying Concepts** How did binomial nomenclature avoid the problems of the first attempts at scientific naming?

8. **Classifying** Describe a classification system that you would use to group various pets. Start with the group with the most individuals, and end with the group with the fewest individuals.

9. **Classifying** Name the smallest taxon in Linnaeus's system of classification that contains fishes, lions, eagles, snakes, and frogs.

