

**Review and Reinforce**

# Classifying Life

**Understanding Main Ideas**  
Answer the following questions in the spaces provided.

1. Describe the contributions to modern classification made by Carolus Linnaeus.

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2. Describe the modern system of classification.

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**Building Vocabulary**  
Match each term with its definition by writing the letter of the correct definition in the right column on the line beside the term in the left column.

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|------------------------------|--|
| 3. ___ classification        | a. naming system developed by Linnaeus   |
| 4. ___ binomial nomenclature | b. process of grouping things based on their similarities                                    |
| 5. ___ genus                 | c. a group of organisms that can mate and produce offspring that can also mate and reproduce |
| 6. ___ taxonomy              | d. first word in an organism's scientific name   |
| 7. ___ species               | e. the scientific study of how things are classified   |

**Lesson Quiz**

# Classifying Life

Fill in the blank to complete each statement.

1. Organizing rocks according to their similarities is an example of the process of \_\_\_\_\_.
2. \_\_\_\_\_ is the scientific study of how organisms are classified and named.
3. Only the \_\_\_\_\_ word in an organism's complete scientific name has its first letter capitalized.
4. The levels of classification of organisms in order are: domain, kingdom, phylum, class, order, family, genus, and species. The broadest, least specific level is \_\_\_\_\_.
5. To identify an unfamiliar organism, you could use a field guide and a(n) \_\_\_\_\_.

If the statement is true, write *true*. If the statement is false, change the underlined word or words to make the statement true.

6. \_\_\_\_\_ In Linnaeus's classification system, the smallest group was the genus.
7. \_\_\_\_\_ As you move down the levels of classification, from domain to species, the number of organisms in each group increases.
8. \_\_\_\_\_ Organisms in the same family are less closely related than organisms in the same order.
9. \_\_\_\_\_ Linnaeus classified organisms according to similarities in observable features.
10. \_\_\_\_\_ *Felis concolor* can mate with *Felis domesticus*.