

**Living Things** ▪ *Review and Reinforce*

# Classifying Organisms

## Understanding Main Ideas

Answer the following questions in the space provided.

1. List the major levels of classification, starting with the highest level.

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2. What three characteristics are used to place organisms into domains and kingdoms?

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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 Carolus Linnaeus   |
| ___ 4. binomial nomenclature | b. process of grouping things based on their similarities                                    |
| ___ 5. eukaryote             | c. first word in an organism's scientific name   |
| ___ 6. genus                 | d. organism whose cell lacks a nucleus   |
| ___ 7. species               | e. a group of organisms that can mate and produce offspring that can also mate and reproduce |
| ___ 8. taxonomy              | f. the scientific study of how things are classified   |
| ___ 9. prokaryote            | g. organism whose cell(s) contain a nucleus  |
| ___ 10. nucleus              | h. dense area in a cell that contains nucleic acids  |