

Changes Over Time ▪ 7.4 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.

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

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. taxonomy | e. the scientific study of how things are classified |
| _____ 8. prokaryote | f. organism whose cell(s) contain a nucleus |