

Changes Over Time ▪ 7.5 Review and Reinforce

Branching Trees

Understanding Main Ideas

Answer the questions in the space provided.

1. If you compare organisms with similar characteristics, what indicates how recent their common ancestor probably is?

2. Explain what a branching tree diagram shows.

3. How are the organisms on a branching tree diagram grouped?

Use the letters a–e to order the groups in a branching tree diagram from lowest to highest.

- ____ 4. organisms with two shared derived characteristics
- ____ 5. “Common Ancestor”
- ____ 6. organisms with the most shared derived characteristics
- ____ 7. organisms with no shared derived characteristics
- ____ 8. organisms with one shared derived characteristic

Building Vocabulary

Define the term in the space provided.

9. shared derived characteristic
