

Relative and Absolute Dating Quiz Review

Name: \_\_\_\_\_ P: \_\_\_\_\_

1. List, draw, and explain the 4 principles of relative dating (steno's laws):

Name	Drawing	Explanation
1 _____		_____ _____ _____ _____ _____ _____ _____ _____
2 _____		_____ _____ _____ _____ _____ _____ _____ _____
3 _____		_____ _____ _____ _____ _____ _____ _____ _____
4 _____		_____ _____ _____ _____ _____ _____ _____ _____

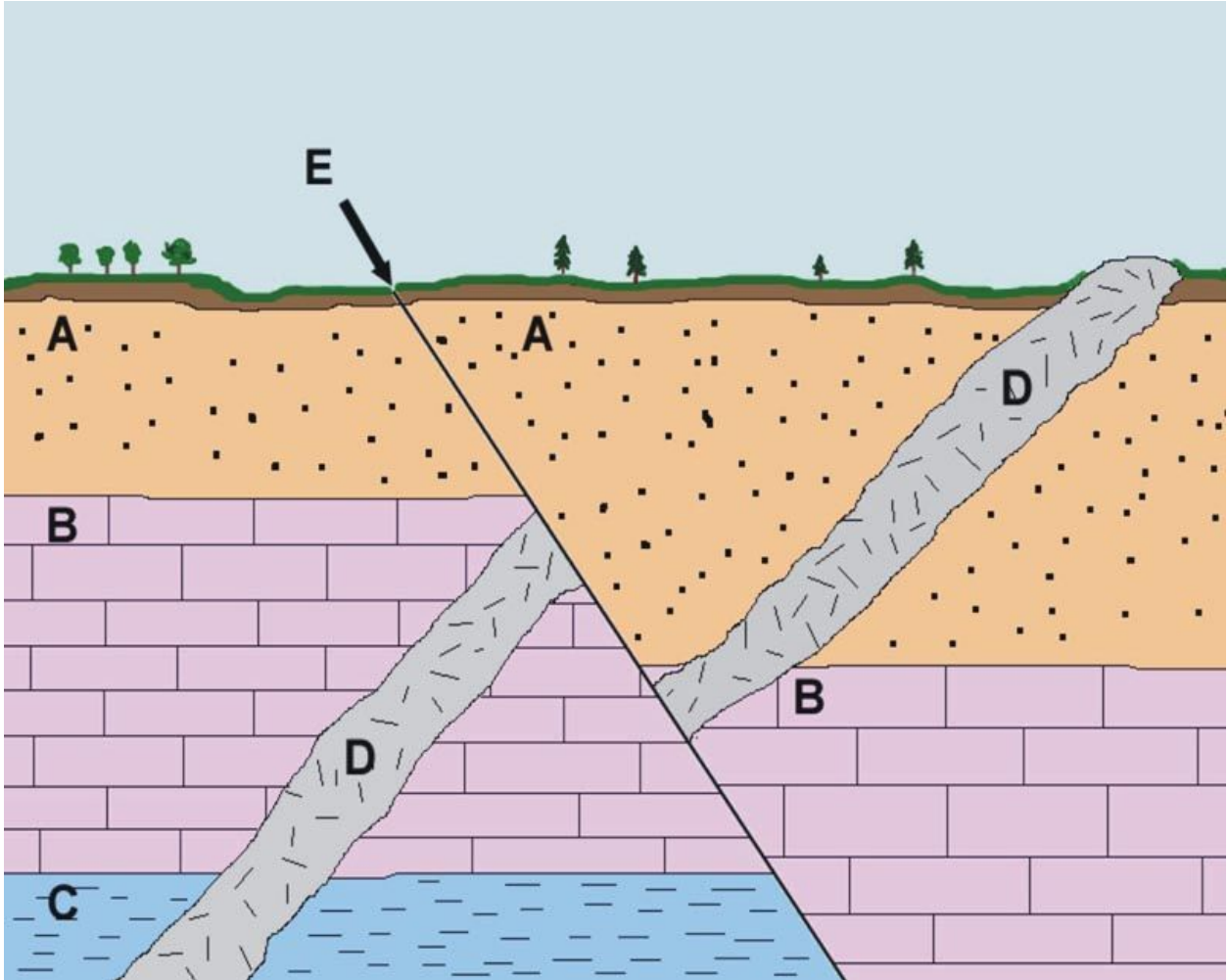
2. Explain the difference between relative and absolute dating.

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3. Order the letters for the rock layers, intrusion, and fault in order of OLDEST to YOUNGEST



4. List each type of fossil discussed in class and explain how it is formed.

Fossil

Explanation

5. How are index fossils used?

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6. What are two limitations for using C-14?

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7. Define half-life.

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8. What is the relationship between parent and daughter isotope?

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9. Explain how half-life (or the parent/daughter isotope ratio) is used for absolute dating.

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