What Do You Know?

1) What is the name for fossil remains that appear only in a specific geologic age and can be used to date the rock layer in which it is found? (Circle the correct response.)

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| a. Dating fossils |  |  | c. Index fossils |
|  |  |  |  |
| b. Key fossils |  |  | d. Code fossils |

2) If a fossil of a creature was found surrounded by Phacops and Eospirifer index fossils, what era(s) did that creature live in? (Use the “Fossils in geologic time” sheet.) Circle all correct eras.

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| --- | --- | --- | --- |
| a. Triassic |  |  | d. Devonian |
|  |  |  |  |
| b. Pennsylvanian |  |  | e. Silurian |
|  |  |  |  |
| c. Mississippian |  |  | f. Ordovician |

3) If we found a Flexicalymene fossil, what would its age be relative to a Meekoceras fossil?

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| a. Older |
|  |
| b. Younger |
|  |
| c. Same age |