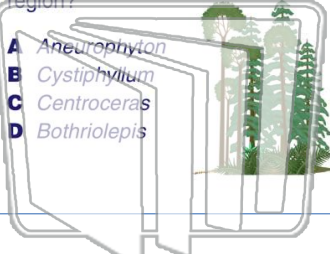




Name _____ Class _____ Date _____

1

The presence of which **index fossil** in the surface bedrock most likely indicates that a **forest environment** once existed in the region?



- A Aneurophyton
- B Cystiphyllum
- C Centroceras
- D Bothriolepis

2

The presence of **brachiopod**, **nautiloid**, and **coral fossils** in the surface bedrock of a certain area indicates the area was once covered by

- A tropical vegetation
- B glacial deposits
- C volcanic ash
- D ocean water



3

Which **geologic event** occurred during the same geologic period as the first appearance of **modern corals** in Earth's oceans?

4

A whalebone that originally contained **200 grams** of radioactive carbon-14 now contains **25 grams** of carbon-14.

5



PREVIEW

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7

during the same **time period**?

- A trilobites and mastodonts
- B ammonoids and Maple trees
- C armored fish and flowering plants
- D dinosaurs and early humans



estimated the date of **Earth's formation** to be approximately

- A 1.1×10^6 years ago
- B 2.4×10^6 years ago
- C 3.3×10^9 years ago
- D 4.6×10^9 years ago



9

According to available fossil evidence, which set of events is listed in the **correct order** from **earliest** to **most recent**?

- A extinction of trilobites, extinction of armored fishes, extinction of dinosaurs
- B appearance of first corals, appearance of earliest insects, appearance of earliest reptiles
- C decline of brachiopods, appearance of amphibians, appearance of earliest grasses
- D development of eurypterids, appearance of earliest birds, appearance of chordates

10

Which statement about the species of animals and plants that lived on Earth in the past is best supported by the **fossil record**?

- A Most became extinct.
- B Most lived on land.
- C Most were preserved in metamorphic rock.
- D Most appeared during the Cambrian Period.

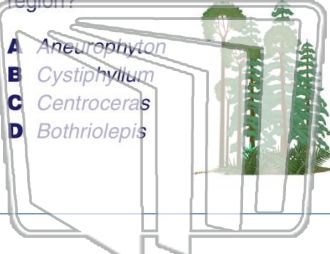




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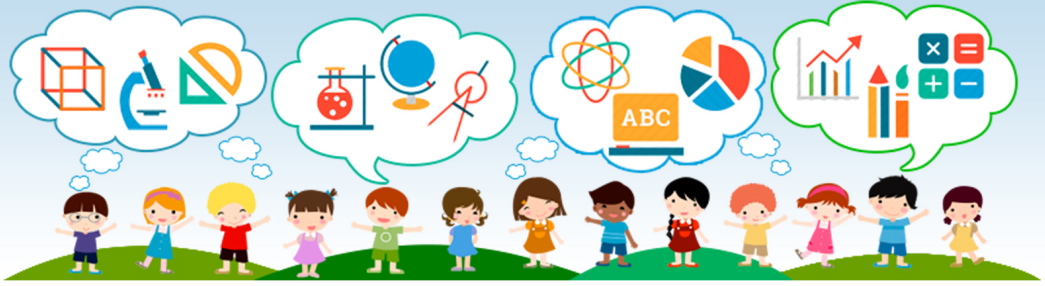
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