

Fossils



Name Class Date

By what process was the fly pictured here fossilized?

Circle the answer letter.

- a. petrification
- b. trace fossilization
- c. preservation in hardened tree sap (amber)
- This is a picture of a dinosaur footprint. Geologists call this a track. Fossils that preserve the motion and activities of ancient organisms are called
 - a. trace fossils
 - b. molds and casts
 - c. mummified fossils



The original wood of these trees is completely gone, replaced with mineral material. By what process were these trees fossilized?

permineralization

A brachiopod died and settled into sediment, leaving an impression. More sediment fillled in to create a form that resembles the original shell. What are the impression and new form called?



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has existed

- b. uses fossils to approximate the age of rock layers
- c. determines the relative age of one rock compared to another
- The absolute age of rocks is determined by analyzing the _____ in the rock.
 - a. plant fossils
 - b. number of metal ions
 - c. radioactive isotopes

- 10 Fossil-rich sedimentary limestone can be metamorphosed into marble. Why is it rare to find a fossil of any kind in metamorphic rock?
 - a. metamorphic rocks are harder
 - b. no organism can survive in a metamorphic environment
 - c. the heat & pressure of metamorphism physically changes rock



ed as a Plants are ed _____.

casting

zes in the d ancient





Fossils - Answer Key



Class Date Name This is a picture of a dinosaur footprint. By what process was the fly pictured here fossilized? Geologists call this a track. Fossils that preserve the motion and activities of Circle the answer letter. ancient organisms are called a. petrification a.) trace fossils b. trace fossilization b. molds and casts preservation in hardened tree sap c. mummified fossils (amber) The original wood of these trees is A brachiopod died and settled into completely gone, replaced with mineral sediment, leaving an impression. More material. By what process were these sediment fillled in to create a form that trees fossilized? resembles the original shell. What are the impression and new form called? permineralization ock ed as a Plants are **PREVIEW** casting Please Sign In or Sign Up to download zes in the d ancient the printable version of this worksheet has existed paleontologist b. uses fossils to approximate the age of rock layers 10 Fossil-rich sedimentary limestone can c. determines the relative age of one rock be metamorphosed into marble. Why compared to another is it rare to find a fossil of any kind in metamorphic rock? The absolute age of rocks is determined by a. metamorphic rocks are harder analyzing the _____ in the rock.

a. plant fossils

b. number of metal ions

c.) radioactive isotopes

b. no organism can survive in a metamorphic environment

the heat & pressure of metamorphism physically changes rock