



Name _____ Class _____ Date _____

1 A fossil is the naturally preserved evidence of life. Circle the fossil(s).



6 A scientist who specializes in the study of fossils, ancient life, and ancient environments is called a(n) _____. Circle the answer.

- mineralogist
- archaeologist
- paleontologist
- microbiologist



2 By what process was the fly pictured here fossilized?

a. petrification



7 When leaves are preserved in the rock record, they are usually preserved as a very thin film of black carbon. This process is called _____.

a. carbonization



3



PREVIEW

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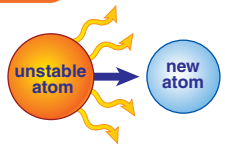
4

left in the rock is called a _____.

- cast
- body fossil
- mold
- clam



- a. number of metal ions
- b. number of silica ions
- c. radioactive isotopes



5

The Greek word *petra* means rock. What does *petrification* literally mean?

- a. to turn into sediment
- b. to turn something harder
- c. to turn into stone



10

How can index fossils be used?

- a. to identify what an organism ate
- b. to estimate the date when that fossil and surrounding rock were formed
- c. to follow a trail of footprints to complete skeletons in the rock



Fossils - Answer Key

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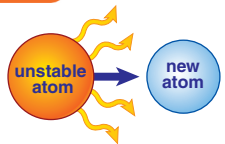
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