Rocks, Fossils, and Time

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. In layers of rock that have not been moved, which layer is usually the oldest?

   the top layer the middle layer the bottom layer

2. Why do fossils form mostly in layers of mud and sand?

   mud and sand keep animals alive

   fossils grow inside sand like plants

   mud and sand cover remains quickly and harden

3. What is a fossil?

   a crystal that grows slowly inside a dark cave

   the remains or traces of a living thing from long ago

   a shiny, smooth rock found at the bottom of a river

4. A desert cliff has a layer with shell fossils under a layer of sand dune rock. What does this pattern show?

   the area was a sea first and became a desert later

   the desert and sea existed at the same time

   the area was a desert first and a sea later

5. A layer of rock has fossils of ice-age animals with thick fur. What can scientists infer about the past climate?

   it was always rainy it was very cold it was very hot

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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