Rocks, Fossils, and Time

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. Ripple marks are found in an old rock layer. Ripple marks form in sand under moving water. What do they show?

   the sand was always dry

   moving water once flowed over that sand

   a volcano once erupted there

2. A dinosaur footprint is found in hard rock. What was the rock like when the dinosaur stepped on it?

   soft mud deep water hard stone

3. What can fossils of sea animals on a mountain tell us?

   the mountain is made of shells only

   the rock formed under the sea long ago

   sea animals once climbed mountains

4. A sandstone layer has slanted lines like the sides of sand dunes. What does this suggest?

   a deep ocean covered the area

   ice pushed the sand into lines

   wind piled up dunes there long ago

5. A river cuts a canyon through five rock layers. Which is youngest?

   the top layer the canyon the bottom layer

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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