Rocks, Fossils, and Time

Grade 4 Science Worksheet

Name _____ Date _____

Circle the answer.

1. A claim says, "This area was always a forest." Bottom to top: shell limestone, then shale with leaf fossils. Does the evidence support the claim?

   no, because leaves cannot be fossils

   yes, because there are leaf fossils

   yes, because forests make limestone

   no, the bottom layer shows it was once a sea

2. A layer of rock has many rounded pebbles in it. What most likely moved the pebbles?

   a melting ice cube an animal carrying them a strong wind a river

3. Fish fossils are found in a rock layer. What kind of place was it when the fish lived?

   a high mountain peak a lake or sea a forest floor a dry desert

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

   wind piled up dunes there long ago

   ice pushed the sand into lines

   a deep ocean covered the area

   people carved the lines later

5. A crack cuts through four rock layers. Which statement is true?

   the crack is the same age as the top layer

   the crack is younger than all four layers

   the crack formed before the bottom layer

   the crack is older than all four layers

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Answer Key - Grade 4 Science Worksheet

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