Rocks, Fossils, and Time

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. A cliff has three layers. From top to bottom: sandstone, shale, limestone. Which layer formed first?

   limestone sandstone shale

2. Which is a fossil?

   a leaf print pressed into rock

   a rock shaped like a leaf by wind

   a fresh leaf on a rock

3. A canyon wall shows, from top to bottom: sandstone with lizard tracks, shale with fish fossils, limestone with shells. Which was the environment first?

   a sea with shelled animals a lake with fish a dry land with lizards

4. Why do scientists say the top layer of undisturbed rock is the youngest?

   it is always the hardest layer

   it has the most fossils

   it was the last layer to be laid down

5. Scientists find palm tree fossils in Canada, where palms do not grow today. What changed?

   the soil there got wetter

   palm trees moved by themselves

   the climate there got colder

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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