Weathering and Erosion

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. Rocks at the bottom of a fast river are smooth and round. What made them that way?

   being cut and polished by people

   rubbing against sand and other rocks in moving water

   melting a little in the warm sun each day

2. Moss grows on a rock and slowly breaks its surface. What is this?

   weathering a fossil forming erosion

3. A path on a hill has no plants. A path next to it is covered in grass. After rain, which path loses more soil?

   both lose the same amount the path with grass the path with no plants

4. A farmer's field loses soil every windy spring. Which solution would slow wind erosion?

   remove the old plant stalks

   plow the field into loose dirt

   plant a row of trees beside the field

5. Why is erosion faster on a steep hill than on a flat field?

   steep hills have stronger soil

   gravity makes water run downhill faster

   flat fields have more rain

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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