Weathering and Erosion

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. What do weathering and erosion have in common?

   both change Earth's surface over time

   both form new rock from lava

   both happen only underground

2. A beach loses sand every winter storm. Which solution slows wave erosion?

   pull up the dune plants

   build a wall of rocks to break the waves

   dig a channel for the waves

3. Two hillsides get the same rain. Hill A is covered in trees. Hill B was cleared. Which hill loses more soil?

   Hill A Hill B both lose the same

4. Which observation is evidence of erosion, not weathering?

   a rock has a new crack from ice

   sand from a cliff piles up at its base

   a root splits a boulder in two

5. A glacier slides down a valley and carries rocks with it. What is this?

   erosion by wind weathering by plants erosion by ice

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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