Weathering and Erosion

Grade 4 Science Worksheet

Name _____ Date _____

Circle the answer.

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

   remove the rocks along the shore

   dig a channel for the waves

   pull up the dune plants

   build a wall of rocks to break the waves

2. Which would help stop soil on a hill from washing away?

   planting grass on the hill

   cutting down the trees on the hill

   making the hill steeper

   digging up the plants on the hill

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?

   the path with no plants neither path loses soil the path with grass

   both lose the same amount

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

   sand from a cliff piles up at its base

   a statue's face wears smooth where it stands

   a rock has a new crack from ice

   a root splits a boulder in two

5. Why are canyon walls often steep, with a river at the bottom?

   the river formed after the canyon was dug

   the river cut down through the rock over a long time

   ice built the walls from the river

   wind lifted the walls up quickly

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Answer Key - Grade 4 Science Worksheet

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