Weathering and Erosion

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. Water freezes in a crack in a rock and the crack gets wider. What is happening?

   weathering by plants weathering by ice erosion by wind

2. Freezing water in a crack widens it. Which place would have the most of this weathering?

   a place where it freezes at night and thaws by day

   a place that stays frozen all year

   a hot desert that never freezes

3. A river slows down as it enters a lake. What happens to the sand it carries?

   it floats back upstream

   it drops to the bottom near the river mouth

   it turns back into solid rock

4. What is erosion?

   rock melting deep underground

   rock and soil being carried to a new place

   rock cracking into pieces where it sits

5. Which pair shows weathering first, then erosion?

   a stream carries pebbles, then ice cracks a rock

   ice cracks a rock, then a stream carries the pieces away

   wind piles sand, then the sand blows away

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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