Changes to Earth's Surface

Grade 2 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

1. Which list goes from slowest change to fastest change?

   glacier carving a valley, sand dune, volcano erupting

   volcano erupting, sand dune, glacier carving a valley

   sand dune, volcano erupting, glacier carving a valley

2. Two hills get the same heavy rain. One is covered in grass. One is bare soil. Which loses more soil?

   both lose the same the bare hill the grassy hill

3. A farmer sees mud covering a field after a storm. A map shows a river nearby. What most likely caused this?

   Waves washed over the field.

   The river flooded the field.

   Tree roots pushed up the mud.

4. A beach loses 3 feet of sand each year. How many feet is gone after 4 years?

   12 9 7

5. Why does a steep hill lose soil faster than a flat field?

   Water runs downhill faster and carries soil with it.

   Soil is much lighter on a steep hill than a field.

   The flat field has more wind blowing across it.

6. Which list goes from fastest change to slowest change?

   canyon, landslide, tree roots cracking a sidewalk

   landslide, tree roots cracking a sidewalk, canyon

   tree roots cracking a sidewalk, landslide, canyon

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Answer Key - Grade 2 Science Worksheet - Challenge Me

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