Changes to Earth's Surface

Grade 2 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

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

   tree roots cracking a sidewalk, landslide, canyon

   landslide, tree roots cracking a sidewalk, canyon

   canyon, landslide, tree roots cracking a sidewalk

2. Two river banks get the same flood. One has strong tree roots. One has none. Which wears away faster?

   the bank with no tree roots

   both wear away the same

   the bank with tree roots

3. A trail on a steep hill has a big rut after a storm. What most likely caused this?

   A slow glacier slid down and over the trail.

   Wind blew sand and built a dune on the trail.

   Rain water ran down the hill and carried soil away.

4. A cliff loses 10 inches each year. How many inches is gone after 3 years?

   13 30 103

5. Why can ice crack a rock?

   Water freezes in a crack and pushes the rock apart.

   Ice turns the whole rock into sand all at once.

   Ice melts the rock the way the sun melts snow.

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

   sand dune, flood, canyon canyon, sand dune, flood flood, sand dune, canyon

Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Changes to Earth's Surface

Answer Key - Grade 2 Science Worksheet - Challenge Me

Circle the answer.

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

   tree roots cracking a sidewalk, landslide, canyon

   landslide, tree roots cracking a sidewalk, canyon

   canyon, landslide, tree roots cracking a sidewalk

2. Two river banks get the same flood. One has strong tree roots. One has none. Which wears away faster?

   the bank with no tree roots

   both wear away the same

   the bank with tree roots

3. A trail on a steep hill has a big rut after a storm. What most likely caused this?

   A slow glacier slid down and over the trail.

   Wind blew sand and built a dune on the trail.

   Rain water ran down the hill and carried soil away.

4. A cliff loses 10 inches each year. How many inches is gone after 3 years?

   13 30 103

5. Why can ice crack a rock?

   Water freezes in a crack and pushes the rock apart.

   Ice turns the whole rock into sand all at once.

   Ice melts the rock the way the sun melts snow.

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

   sand dune, flood, canyon canyon, sand dune, flood flood, sand dune, canyon