Weathering and Erosion

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

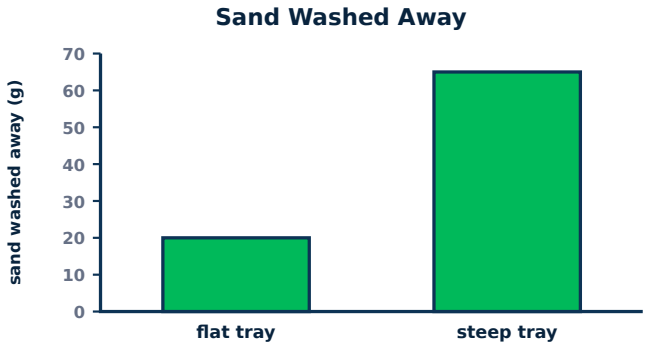
Circle the answer.

1. Why are canyon walls often steep, with a river at the bottom?
   wind lifted the walls up quickly
   ice built the walls from the river
   the river cut down through the rock over a long time

2. What is weathering?
   new rock forming from lava
   rock breaking into smaller pieces
   rock pieces being carried away

3. Wind blows sand across a beach into a pile. What is this an example of?
   erosion by water erosion by wind weathering by ice

4. Students poured the same water on a flat tray and a steep tray of sand. Which claim does the graph support?



   water erodes a flat slope faster
   slope does not change erosion
   water erodes a steep slope faster

5. A student puts chalk in plain water and in vinegar. The chalk in vinegar wears away faster. What does this model?
   weathering of rock by acidic rain
   weathering of rock by roots
   erosion of sand by wind

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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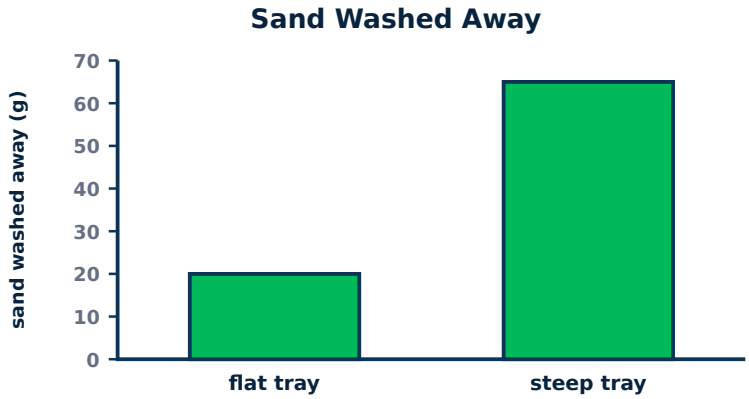
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