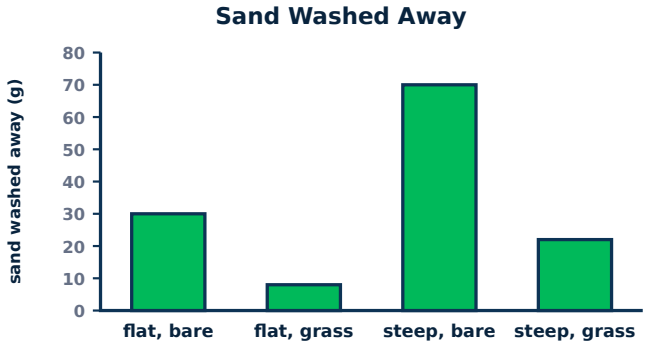
Weathering and Erosion

Grade 4 Science Worksheet

Name _____ Date _____

Circle the answer.

1. Students poured the same water on four sand slopes. Which conclusion fits the data?



plant cover reduces erosion more than slope increases it
flat slopes lose more sand than steep slopes
plants have no effect on erosion
steep slopes always lose the most sand

2. Trial A: a river table with fast water moved 80 g of sand. Trial B: slow water moved 20 g. How many times more sand did fast water move?
2 times 3 times 60 times 4 times

3. What usually comes first: weathering or erosion?
erosion makes rock, then weathering builds it up
weathering breaks rock, then erosion moves the pieces
erosion moves rock, then weathering breaks the pieces
they never happen to the same rock

4. Sand-blown rocks in a desert have smooth, carved shapes. What made the shapes?
wind blowing sand against them
ice freezing in their cracks
plants growing on them
rain falling on them every day

5. Which place would have the most wind erosion?
a forest floor with leaves
a wet field covered in plants
a grassy field on a calm day
a dry, bare field on a windy day

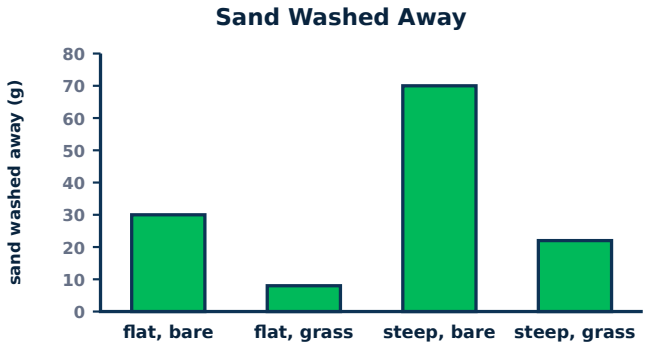
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Answer Key - Grade 4 Science Worksheet

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