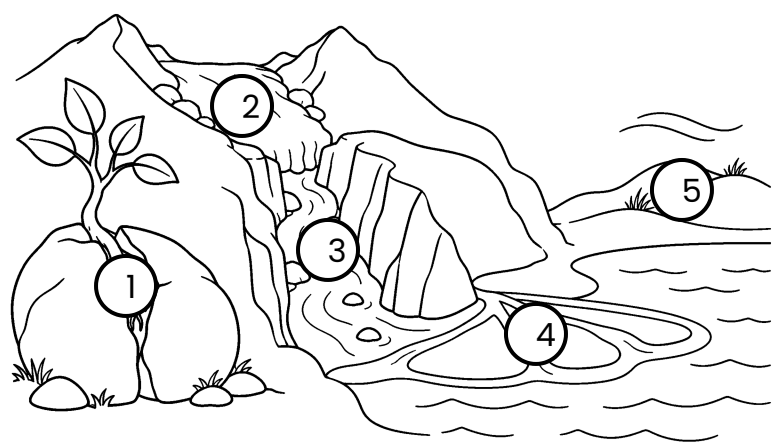


| Weathering and erosion

Read the key words. Then find them in the landscape, sort and explain.

Weathering breaks rock into smaller pieces. **Erosion** moves the pieces away, carried by water, wind, ice or gravity. **Deposition** drops them in a new place.

① Find each number in the picture. Is it weathering, erosion or deposition? _____



	What is happening	Which one?
1	Tree roots grow into a crack and split the boulder.	
2	A glacier slowly scrapes the valley and carries rocks away.	
3	The fast river carries pebbles and sand down the canyon.	
4	The river slows down at the sea and drops its sand and mud.	
5	Wind piles loose sand into dunes along the beach.	

② Sort each example. Fill in the bubble. _____

1. Water freezes in a crack, expands and breaks the rock.

☐ weathering ☐ erosion ☐ deposition
2. Rain washes soil down a hillside.

☐ weathering ☐ erosion ☐ deposition
3. Tides carve the Hopewell Rocks in the Bay of Fundy.

☐ weathering ☐ erosion ☐ deposition
4. Acid rain slowly dissolves a limestone statue.

☐ weathering ☐ erosion ☐ deposition
5. A flooded river leaves a layer of mud on a field.

☐ weathering ☐ erosion ☐ deposition
6. Lichen growing on a rock slowly crumbles it.

☐ weathering ☐ erosion ☐ deposition

③ Explain. _____

7. How is weathering different from erosion? Use the words **break** and **move**.