

Lesson 3 • What are weathering and erosion?

Weathering by Plants

1 Read and complete the sentences.



roots landforms weathering

1. Valleys, hills, and mountains are examples of _____.
2. _____ takes place when rocks are broken down into smaller parts.
3. When the _____ of a tree get bigger and stronger, they can break up rocks.

2 label each of water's effects with the words from the box.

Weathering Erosion

Water can get into rocks. If it freezes, it expands and breaks the rocks.

Ocean waves move sand and form shorelines.

When it rains, water washes soil away from mountains.

When rocks stay in water for a long time, they can break down or dissolve.

4 Read and number the effects (1–4) to show the sequence of erosion by wind in deserts.

- ☐ Sand particles break off tiny grains from rocks.
- ☐ First, wind blows sand particles to other places.
- ☐ Over time, the rocks slowly change.
- ☐ Then sand particles bump into rocks.