

1. What is the definition of weathering?

The destructive process that breaks down and changes rocks exposed on the Earth's surface.

2. Name five chemical weathering agents. What one occurs most commonly?

Water (most common), carbonic acid, carbon dioxide mixed with water, sulfur dioxide mixed with water, acid rain

3. Name five physical weathering agents.

Wind, freezing water, water runoff, plant roots, animals burrowing

4. What is the definition of:

- a. Erosion:

The process that moves weathered material from one place to another.

- b. Deposition:

The laying down of sediments in a new location by running water, rain, waves, glaciers, wind, or gravity.

- c. Landslides:

Rapid, gravity-caused events that move soil, loose rock, and boulders

- d. Mass wasting

The downhill movement of rocks, snow, or soil as a result of gravity.

- e. Creep

The slowest mass movement of earth

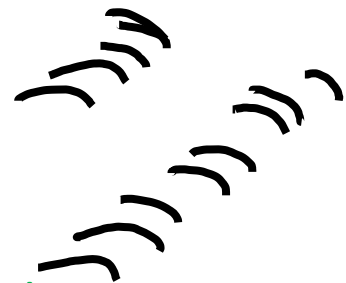
5. Sediment materials that are carried and dropped by rivers in long low ridges are called _____ . **(natural levees)**

6. What is a flood?

What occurs when the water level in a river rises above the usual height and the river overflows the sides of its banks

7. What occurs when rivers flow into a sea or ocean?

A delta



8. What is a beach?

A landform consisting of loose sand and gravel that is located along a shoreline.

9. What does a long shore current do to the beach?

It carries the sediment along the coast.

10. What causes moraines:

Glaciers

11. What identifying marks would tell that they were the result of glacier erosion?

Long, scratches on a flat rock surface.

12. What type of natural deposits cause sand dunes?

Wind or windblown.

13. What are the 4 types of landscapes in California? Which covers the most area?

Deserts, mountains, coastline, the Central valley.

14. California deserts have _____, which are depositional features.

Alluvial fans.

15. Sea stacks, arches, and cliffs can be found in what type of landscape?

Coastlines