Name

Erosion by Streams Practice Worksheet

LIVEWORKSHEETS

1. In which situation would you expect to find the most erosion due to runoff?

   a. A shallow slope covered with grass
   b. A shallow, bare slope
   c. A steep slope covered with evergreen trees
   d. A steep, bare slope

2. A broad, flat area on both sides of a river which experiences flooding during periods of high discharge is a/an:

   a. Floodplain
   b. Levee
   c. Stream bed
   d. Meander

3. Gravity causes the water to flow from lower to higher ground.

   a. TRUE
   b. FALSE

4. Runoff causes erosion.

   a. TRUE
   b. FALSE

5. Which of the following statements is not true?

   a. Water causes more erosion on slopes without plants
   b. Water flows from higher to lower ground
   c. Faster water erodes more sediment
   d. As water slows, smaller particles are deposited first

6. A bend or curve in a stream channel is called a _____.

   a. Meander
   b. Stream trench
   c. Wedge
   d. Bed load

LIVEWORKSHEETS

7. You are a planetary geologist investigating images of a planet elsewhere in the galaxy. You see gentle U-shaped valleys carved in the planet's surface. Based on Earth's geology what would you suspect caused these valleys?

   a. Stream erosion
   b. Glacial erosion
   c. Stream deposition
   d. Marine erosion

8. The steeper the slope, the _____ the stream.

   a. Slower
   b. Faster
   c. Curvier
   d. Broader

9. When a meander gets cut off from the rest of a river, it becomes an _____.

   a. Oxbow Lake
   b. Stream
   c. Floodplain
   d. Waterfall

10. A waterfall forms when:

   a. A stream flows from an area of harder to softer rock
   b. A stream flows from an area of softer to harder rock
   c. A stream flows over an oxbow lake
   d. A stream creates a U-shaped valley

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