

Name

**Erosion by Streams Practice Worksheet**

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

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