

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