

Part A: Fill in the Blanks

Use these words to help you:

traction, hydraulic action, attrition, suspension, solution, abrasion

- \_\_\_\_\_ is when the force of water breaks rocks from the river bank.  
\_\_\_\_\_ is when rocks carried by the river scrape against the bed and banks.  
\_\_\_\_\_ is when rocks knock together and become smaller and smoother.  
\_\_\_\_\_ is when fine particles are carried in the water.  
\_\_\_\_\_ is when large rocks are rolled along the river bed.  
\_\_\_\_\_ is when dissolved minerals are carried in the water.

Part B: Match the Terms

Write the correct letter beside each word.

Hydraulic Action \_\_\_\_

Traction \_\_\_\_

Suspension \_\_\_\_

Attrition \_\_\_\_

- A. Rocks bump together and break into smaller pieces
- B. Fine mud is carried in water
- C. Large stones roll along the river bed
- D. Water force breaks rock away

Part C: Multiple Choice

- A. Rocks bump together and break into smaller pieces
- B. Fine mud is carried in water
- C. Large stones roll along the river bed
- D. Water force breaks rock away

Which process moves sand by bouncing along the river bed?

- a) Suspension
- b) Saltation
- c) Solution
- d) Attrition

Which erosion process involves rocks scraping the river bed?

- a) Abrasion
- b) Traction
- c) Solution
- d) Suspension

Which material is usually carried in suspension?

- a) Large boulders

- b) Pebbles
- c) Mud and silt
- d) Trees

Part D: Short Answer

What is the difference between erosion and transportation?

Name two ways a river transports material.

Why do rocks become smoother as they move downstream?

Part E: Challenge Question

Explain why the upper course of a river has more erosion than deposition.