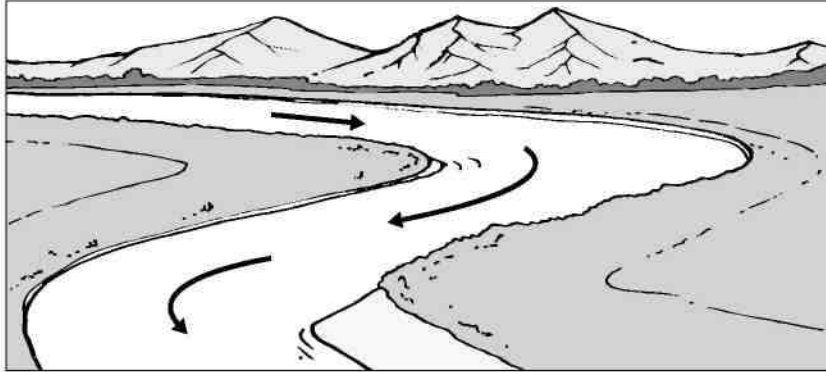


3.3 Review: The Force of Moving Water

Read pages 86 – 90 in the “Earth’s Changing Surface” textbook.

Understanding Main Ideas

In your notebook, answer questions 1 and 2, using the figure below. Write out each question and answer in complete sentences.



1. Where is the stream eroding its bank? Explain.
2. Where is the stream depositing sediment? Explain.
3. What happens to the potential energy of the water in a river as gravity pulls the water downhill?
4. In what ways does a river carry its load?
5. How do slope, volume of flow, and streambed shape affect a river’s speed?

Building Vocabulary

Write each definition, and its matching term, in your notebook.

- | | |
|-------------------------|--|
| ___ 6. friction | a. the amount of sediment a river carries |
| ___ 7. energy | b. the movement of water every which way |
| ___ 8. load | c. the ability to do work |
| ___ 9. potential energy | d. the force that opposes the motion of one surface as it moves across another |
| ___ 10. abrasion | e. the energy an object has due to its motion |
| ___ 11. kinetic energy | f. the wearing away of rock by grinding action |
| ___ 12. turbulence | g. energy that is stored and waiting to be used later |