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## Modeling Faults Worksheet

**Cross Section of Land** 

Normal Fault Sketch

Normal Fault Observations

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**Reverse Fault Sketch** 

**Reverse Fault Observations** 

Strike-Slip Fault Sketch

**Strike-Slip Fault Observations** 

## **Post-Lab Questions**

- 1. Define the following terms and explain the conditions under which they normally occur.
  - a. Fault
  - b. Tension
  - c.Compression
  - d. Shearing
- 2. Complete the following table.

Fault	Type of Force	Overall Movement
Normal		
Reverse		
Strike-Slip		

- 3. What type(s) of strike-slip faults were formed in step 13? Label these types of faults on the strike-slip diagram you sketched on the previous page.
- 4. What happened to the river as the land sections underwent strike-slip faults? How would this affect the course of the river?
- 5. What event may occur when a fault forms? Describe this process.
- 6. Why is it easier to predict where an earthquake will occur rather than when it will occur?
- 7. Using online resources, perform further research and give actual examples of a normal fault, reverse fault, and strikeslip fault.