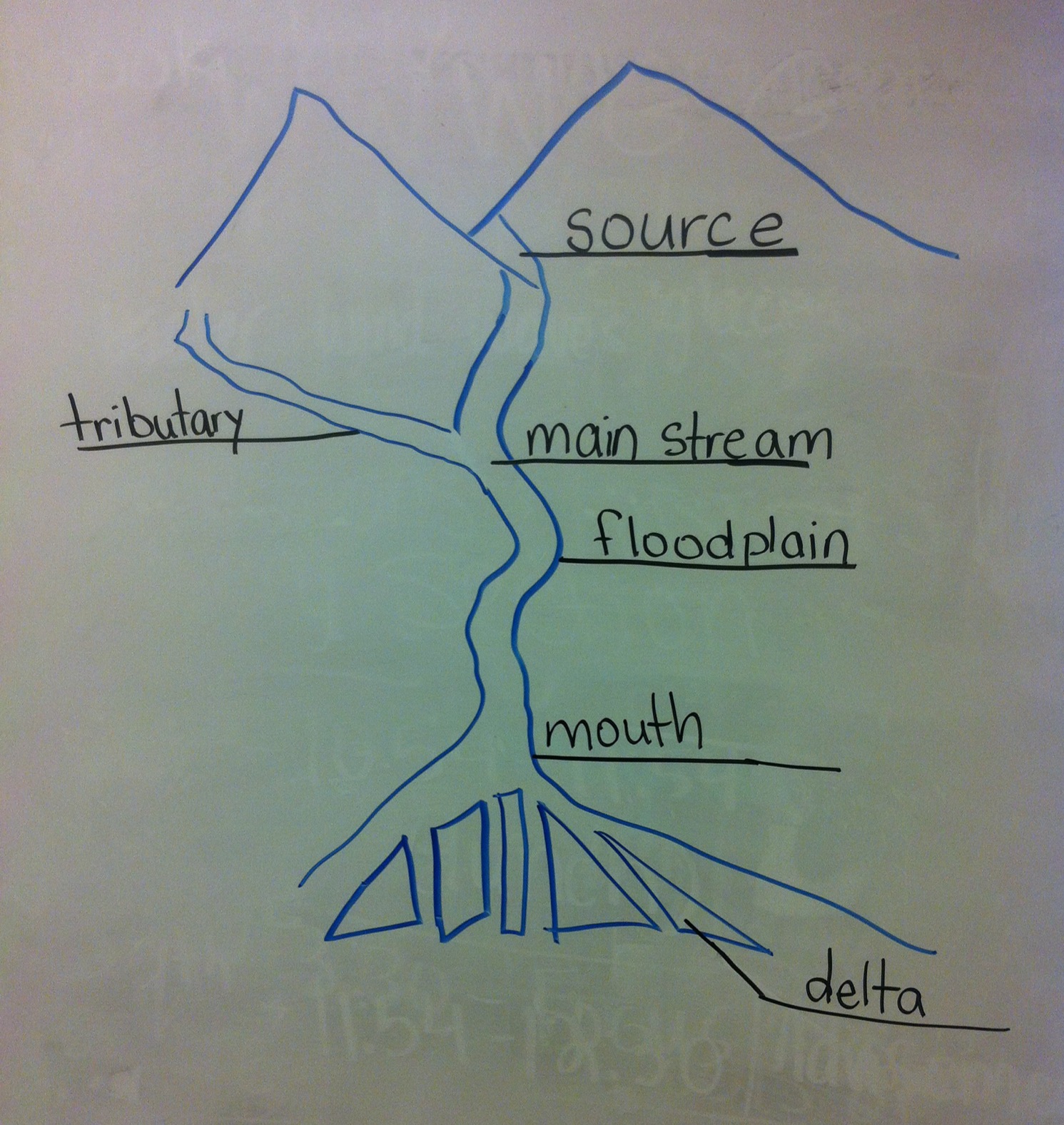
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Date of test **Friday, January 13th**

Chapter 8 study guide

1. Draw a river and label the following parts: mouth, tributary, source,

floodplain, main stream, delta

1. The process by which weathered materials are moved is called erosion\_
2. What agent of erosion formed the Grand Canyon? \_\_\_running water\_\_\_\_\_\_
3. What are the 5 agents of erosion? Water, waves, wind, gravity, glaciers
4. What are 2 examples of fast mass erosion? landslide and \_\_mudflow
5. What are 2 examples of slow mass erosion? earthflow\_ and \_creep\_\_
6. The removal of loose materials from earth’s surface by wind is deflation
7. The side of a sand dune with a steep slope is called \_slipface\_\_\_\_\_.
8. Name 3 types of landforms caused by glaciers moraines, kettle lakes, drumlins, u-shaped valley
9. Most erosion begins with what agent of erosion? gravity
10. When did the last ice age end? 11,000\_ years ago
11. The \_mouth of a river is where it ends.
12. Glaciers that form in mountains and move slowly downhill through valleys are called valley glaciers\_.
13. Loose material deposited by a glacier is called \_till\_\_.
14. A boulder left behind by a retreating glacier is called an erratic (hint: think about Clarence ☺ )
15. A \_\_sea stack forms when the top of a sea arch falls in to the water.
16. A long offshore underwater deposit of sand is called a \_\_sand bar\_\_\_\_\_\_\_\_\_\_\_\_.
17. \_\_Loess is wind-blown dust.
18. Sinkholes and caverns are features of Karst\_\_ topography.
19. Caves and sinkholes form due to a combination of \_\_limestone\_\_ and the \_\_carbonic acid in the rain.
20. A sinkhole lake forms when a sinkhole \_fills with water\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
21. A long, narrow deposit of sand that is connected at one end to the shore is a \_spit .
22. What shape valley do glaciers scrape out? \_\_u-shaped\_

**RACER: (attach on a separate sheet of paper)**

1. Why might the floodplain of a river be a good location for a farm? Why might it be a poor location for a farm?

-good-water for crops

-poor-flooding can ruin crops

1. What causes a glacier to move?

-weight of the ice and snow compacts the lower layers and gravity pulls it down the incline