**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Geology Running Water Questions**

1. What is the difference between infiltrated water, runoff water, and water that is transpirated?
2. How much of earth’s water supply is fresh
3. What is a stream?
4. Why do streams flow?
5. What three factors affect velocity?
6. What is the difference between velocity and discharge?
7. Where are streams the fastest?
8. What kind of channel shape will a stream go fastest?
9. What kind of channel size will go faster?
10. Will rougher or smoother streams go faster?
11. What three things go faster at the mouth of a stream?
12. What two things go faster at the source of the stream?
13. What is meant by the term base level?
14. What are the two ways that streams move materials?
15. Difference between a dissolved load, suspended load, and a bed load?
16. What affects a stream’s load?
17. What is an alluvial valley?
18. What is a delta and how are they formed?
19. What is an alluvial fan
20. How are stream valleys shaped?
21. What is a floodplain?
22. What is a meander in a stream?
23. What is a braided stream?
24. What can cause floods?
25. Name one way we can try to control floods.
26. Draw the four drainage patterns and label them.