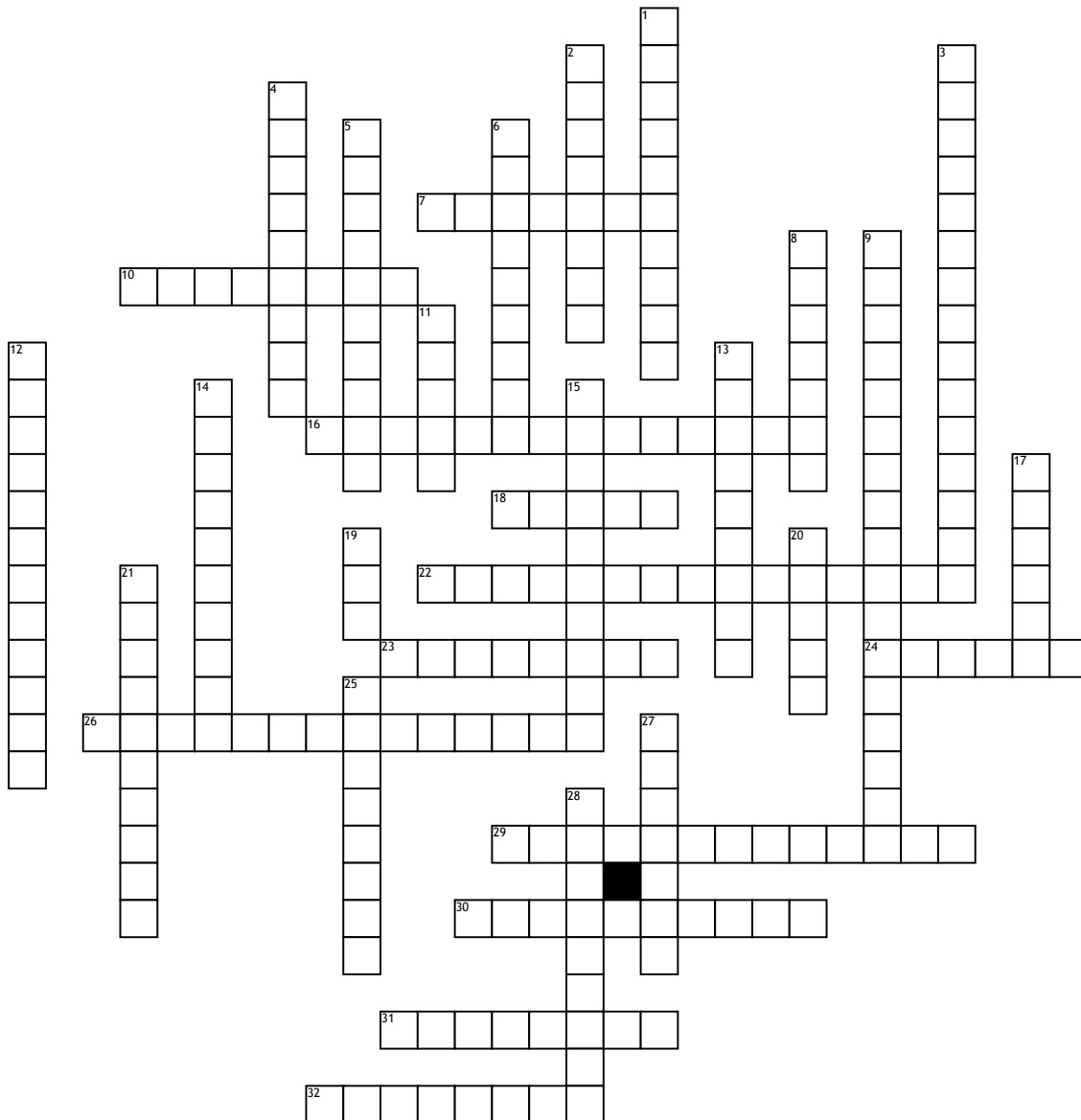


Name: _____

Date: _____

River Processes



Across

7. The action of water wearing away rocks and soils on the valley bottom sides

10. Some minerals dissolve in the water

16. This type of erosion makes rivers wider

18. A type of mass movement where masses of soil or rock, flow like liquid downhill

22. Erosion that takes place on the river bed

23. A type of erosion where the water is slightly acidic so it can dissolve some rocks and minerals in contact with the river

24. As waterfalls form these form with it

26. A river picks up and carries material as it flows downstream

29. An area of land drained by a river and its tributaries

30. The breakdown and decay of rock by natural processes

31. Where does the lower course of the River Dee cross into?

32. A type of erosion where material carried in the river rubbing against the bed and banks of the channel

Down

1. A process of weathering that happens when rainwater enters cracks and then freezes exerting pressure on the rock causing it to break into smaller pieces

2. A process of weathering when all rain is slightly acidic. The acid reacts with weak minerals causing them to dissolve and the rock to decay

3. A type of erosion where sediment particles hitting the river bed and banks wearing them away

4. A type of erosion where sediment particles carried into the river collide with each other causing the edges to be knocked off

5. A process of weathering where the roots of plants can grow into cracks and split the rock apart

6. Where is the source of River Dee?

8. A type of mass movement where soil moves rapidly downslope in one go for example a landslide

9. When rivers are small they tend to flow around these

11. Where is the River Dee located?

12. The movement of rocks and soil downslope due to gravity.

13. A type of mass movement where individual particles of soil move slowly down a slope

14. Silt and clay sized particles are carried within the water flow

15. When a river no longer has enough energy to carry its load

17. This is where the river came from in the upper course of a river

19. How high above sea level is the source of River Dee found, in metres?

20. This appears at the end of the lower course of a river

21. This is a result of erosion when more resistant rock overlaps less resistant rock

25. Rolling stones along the river bed

27. This happens in the middle course of a river and is a bend in a river

28. Sand sized particles bounce along the bed in a leap frog movement