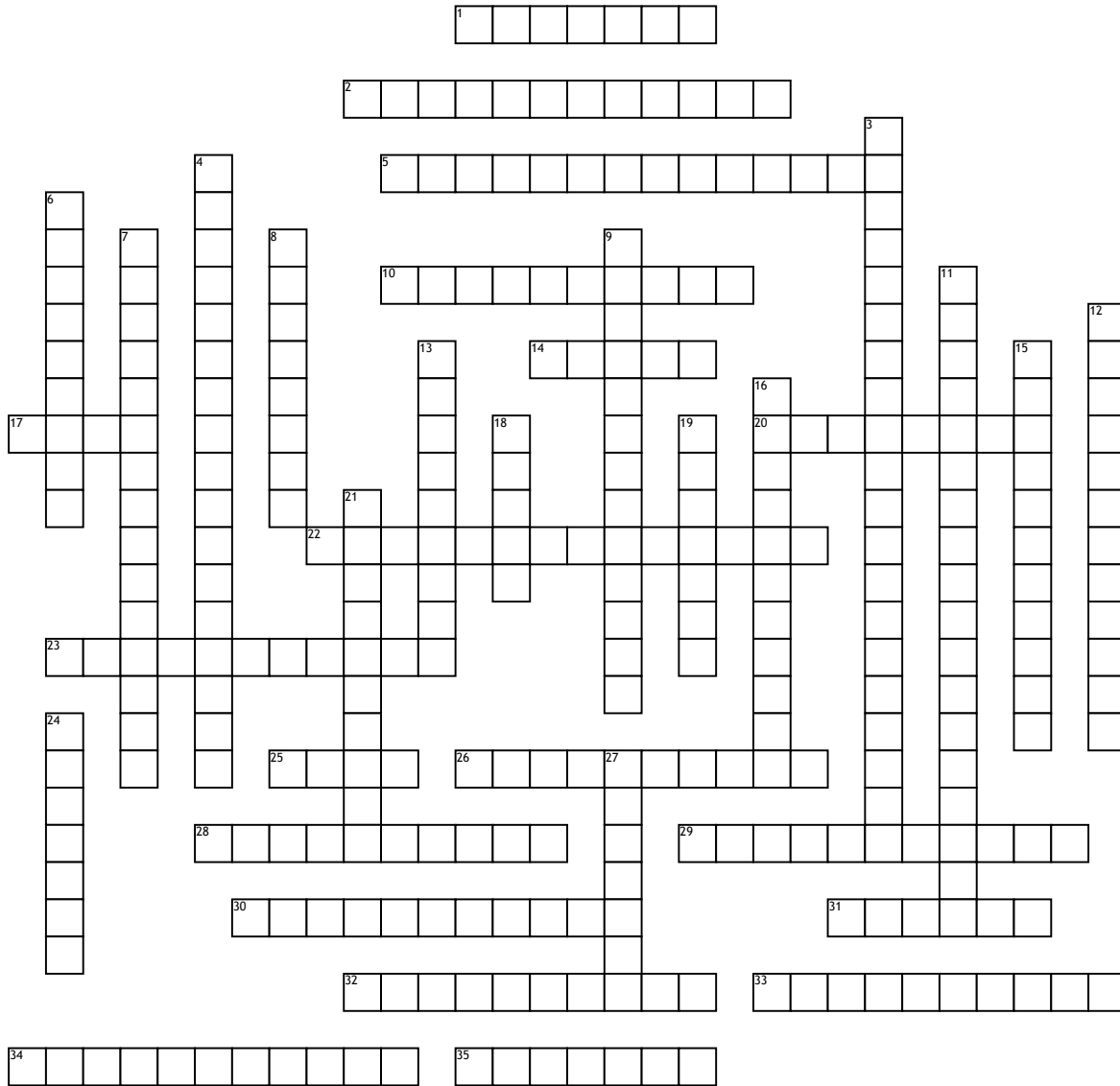


Agents of Weathering



Across

1. includes all elements of weather such as temperature, rainfall and wind
2. grows on rocks then they produce weak acids that weather rock
5. the underlying rocks, released from overlying pressure, they can expand and as crystals grow the rock slowly breaks from pressure
10. wear away or change the appearance of something in exposure to air
14. oxidation is what rocks have with BLANK.
17. BLANK lifts and carries particles that crash against the ground which weathers rock away
20. what term would you use when rocks are tumbled in water
22. large chunks of ice scraping against the earth as it moves
23. hang down, common feature in a cave as dissolved chemicals dripping water underground
25. formed from the weathering of rocks, water, minerals etc.
26. what is the process by which rock is broken apart by water freezing expanding and making cracks

Down

3. the process of breaking big rocks into smaller ones
4. structure of rocks when they weaken, they expand (hot temperature) and contract (cool temperature) causing them to eventually break
6. what is the reaction of a substance with oxygen?
7. moves through spaces or cracks in rocks, acids in the water causes rocks to dissolve
8. pieces of minerals and rock that have been broke down by weathering
9. when underground water moves it empties pores or spaces of rock by capillary action
11. the erosion or the disintegration of rocks or building materials
12. sulfur dioxide is a product of burning fossil fuels and it combines with water to form acid rain
13. waves can cause weathering such as BLANK
15. mining the earth, moving mechanized cultivation etc. break rock into smaller pieces
16. carbon dioxide combines with water in the atmosphere that eats away a rock
18. the most powerful method of erosion
19. small rock particles picked up by wind and blown at other rocks causing them to break down sulfur
21. plants produce weak acids that breakdown rocks
24. can cause weathering because they burrow and dig exposing rock and soil to the surface
27. freeze-thaw weathering BLANK the cracks as water becomes ice

28. what is the drop off sediment
29. found in caves formed upward from the ground. deposited by dissolved chemicals in dripping water
30. the process by which a rock either heats and expands or cools and contracts and then it causes the rock to pee
31. BLANK causes acidification or oxidation in rocks
32. the chemical breakdown of a substance when combined with water
33. rock formation in the water create rock particles that the BLANK erode
34. the process by which a plant grows in the crack of a rock and it eventually breaks
35. what causes water to flow downhill