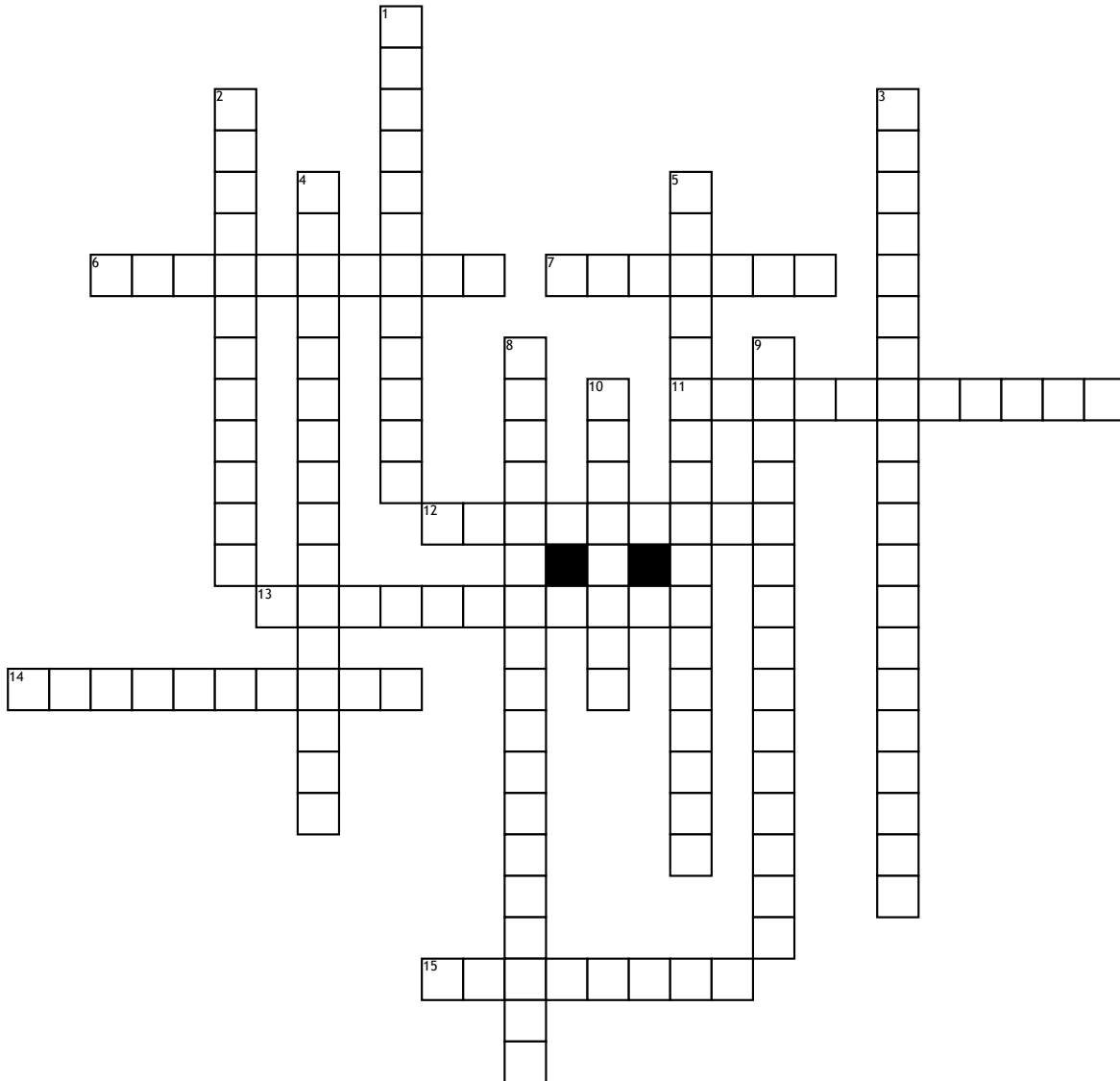


Name: _____

Date: _____

weathering



Across

6. wear away or change the appearance or texture of (something) by long exposure to the air.

7. determined by the amount of moisture in an area.

11. the area of rock exposed to the elements on the earth's crust

12. A chemical change in which a substance combines with oxygen, as when iron oxidizes, forming rust

13. process by which minerals reacts with carbonic acid

14. Breaking down complex molecules by the chemical addition of water

15. polluted rain that can damage trees and kill fish in lakes

Down

1. (H₂SO₄) a highly corrosive acid made from sulfur dioxide

2. The mechanical breakup of rock caused by the expansion of freezing water in cracks and crevices

3. the breakdown of rock into smaller pieces by physical means

4. the expansion of matter when it is heated

5. one of the 3 major reasons rocks are weathered

8. The process in which rock is broken down by changes in its chemical makeup

9. when roots grow or animals dig holes, rocks split apart

10. A wearing away or rubbing away by friction