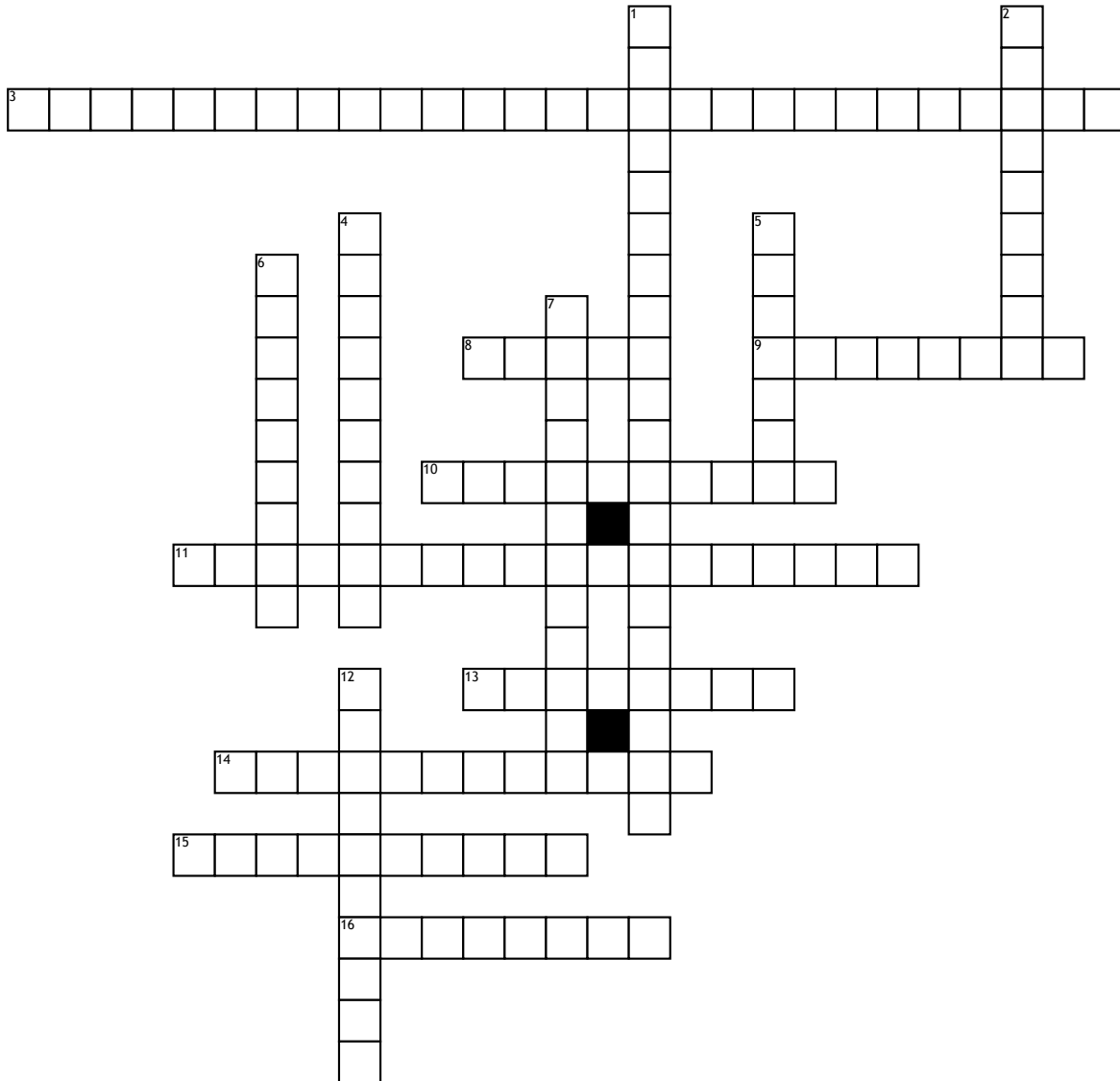


# weathering



**Across**

- 3. particles size. shape density settling rates .
- 8. a landform made of sediment that is deposited where a river flows into an ocean or lake .
- 9. broken down pieces of rock.
- 10. the mechanical and chemical break down of rock .
- 11. changes the materials of a rock into new materials
- 13. rain containing acids that form in the atmosphere when industrial emissions (especially sulfur dioxide and nitrogen oxides) combine with water .

- 14. process that splits rocks when water seeps into cracks, then freezes and expands.
- 15. process in which sediment is laid down in new locations
- 16. the grinding away of rock by other rock particles carried in water , ice , or wind .

**Down**

- 1. the physical process that breaks rock into smaller pieces.
- 2. a chemical change in which a substance combines with oxygen , as when iron oxidizes forming rust.

- 4. breaking down complex molecules by the chemical addition of water .
- 5. processes by which rock, sand , and soil are broken down and carried away .
- 6. hill of sand piled up by the wind.
- 7. the roots of a plant ( typically a tree ) wedge into a crack in a rock and, as the plant grows split the rock
- 12. because of what a rock is made of- it can be resistant or not affected by weathering ( breaking down )