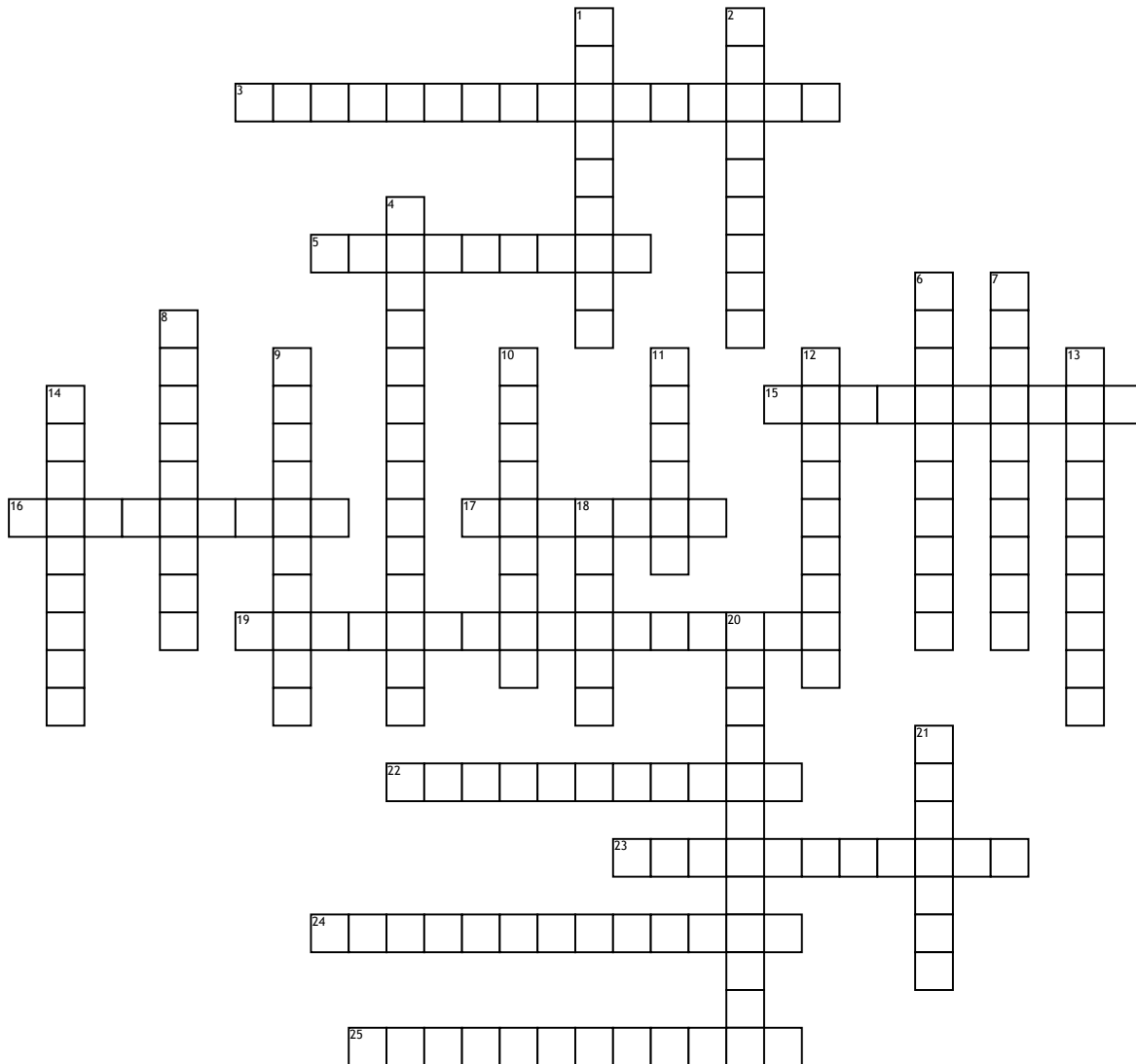


Name: \_\_\_\_\_

# Lithosphere Crossword



## Across

3. a rock made of sediments that are cemented or pressed together

5. When crystals are pressed "flat"

15. "Agent of erosion" loses energy and drops sediment

16. boundary when two plates grind past each other

17. The mixing and transportation of materials by wind, water, or ice

19. theory that the continents had once been one supercontinent called Pangea

22. large chunks of rock that break off its "parent rock"

23. instrument that records earthquake waves

24. The forming of solid mineral deposits from a solution that had the liquid evaporated

25. When rocks are changed by adding heat or pressure

## Down

1. smaller earthquakes before a larger event

2. Transition between three main rock types

4. lithosphere is divided into plates

6. Study of earthquake waves

7. When rock decomposes at or near the Earth's surface

8. Igneous rocks that form when magma reaches the Earth's surface and cools rapidly

9. smaller earthquakes that come after a large event

10. boundary when two plates move apart

11. come out of a volcano like rocks

12. pieces of rocks, minerals, or other particles can be transported or deposited by water, ice, or wind

13. boundary happens when two plates move together

14. Igneous rocks that form beneath Earth's surface

18. visible layers of sedimentary rock

20. Rocks that form through crystallization of molten magma

21. Something that comes from living matter