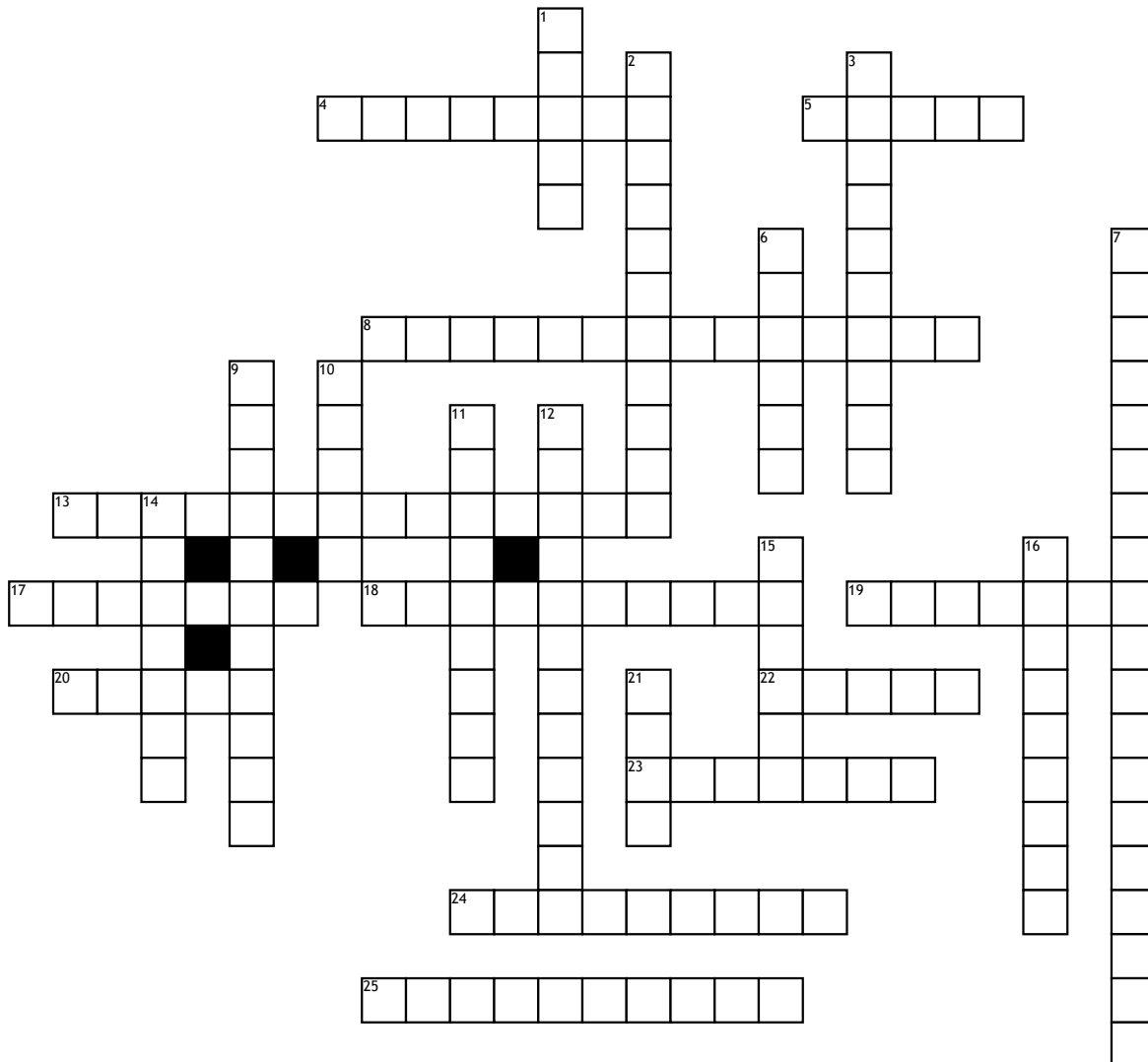


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Volcanoes & Earthquakes



## Across

4. In geology a seismic wave that travels through the body of a medium

5. Liquid rock that forms under earths surface

8. The sudden return of elastically deformed rock to its undeformed shape

13. Giant pieces of the Earth's thin, outermost layer that move around on top of a layer of plastic rock

17. a giant, fast moving wave that is caused by an earthquake or volcano

18. An area on earths surface where no direct seismic waves from a particular earthquake can be detected

19. A volcanically active area of earths surface commonly far from a tectonic plate boundary

20. A break in the Earth's crust along which blocks of the crust slide relative to one another

22. a seismic wave that causes particles of rock to move in a side-to-side direction

23. A vent or fissure in earths surface through which magma and gases are expelled

24. A measure of the strength of an earthquake

25. The study of earthquakes

## Down

1. A seismic wave that causes particles of rock to move in a back-and-forth direction

2. An area along a fault where relatively few earthquakes have occurred recently but where strong earthquakes have occurred in the past

3. A movement or trembling of the ground that is caused by a sudden release of energy when rocks along a fault move

6. the remains of something that has been destroyed or broken up

7. Fragments of rock that form during a volcanic eruption

9. The bending, tilting, and breaking of the Earth's crust; the change in the shape of rock in response to stress

10. Describes magma or igneous rocks that is rich in magnesium and iron and that is generally dark in color

11. Any activity that includes the movement of magma toward onto earths surface

12. Process of making older structures more earthquake resistant

14. a side vent

15. Describes magma or igneous rock that is rich in feldspar and silica and that is generally light in color

16. The point on earths surface directly above an earthquakes starting point or focus

21. Magma that flows into earths surface the rock that forms when lava cools and solidifies