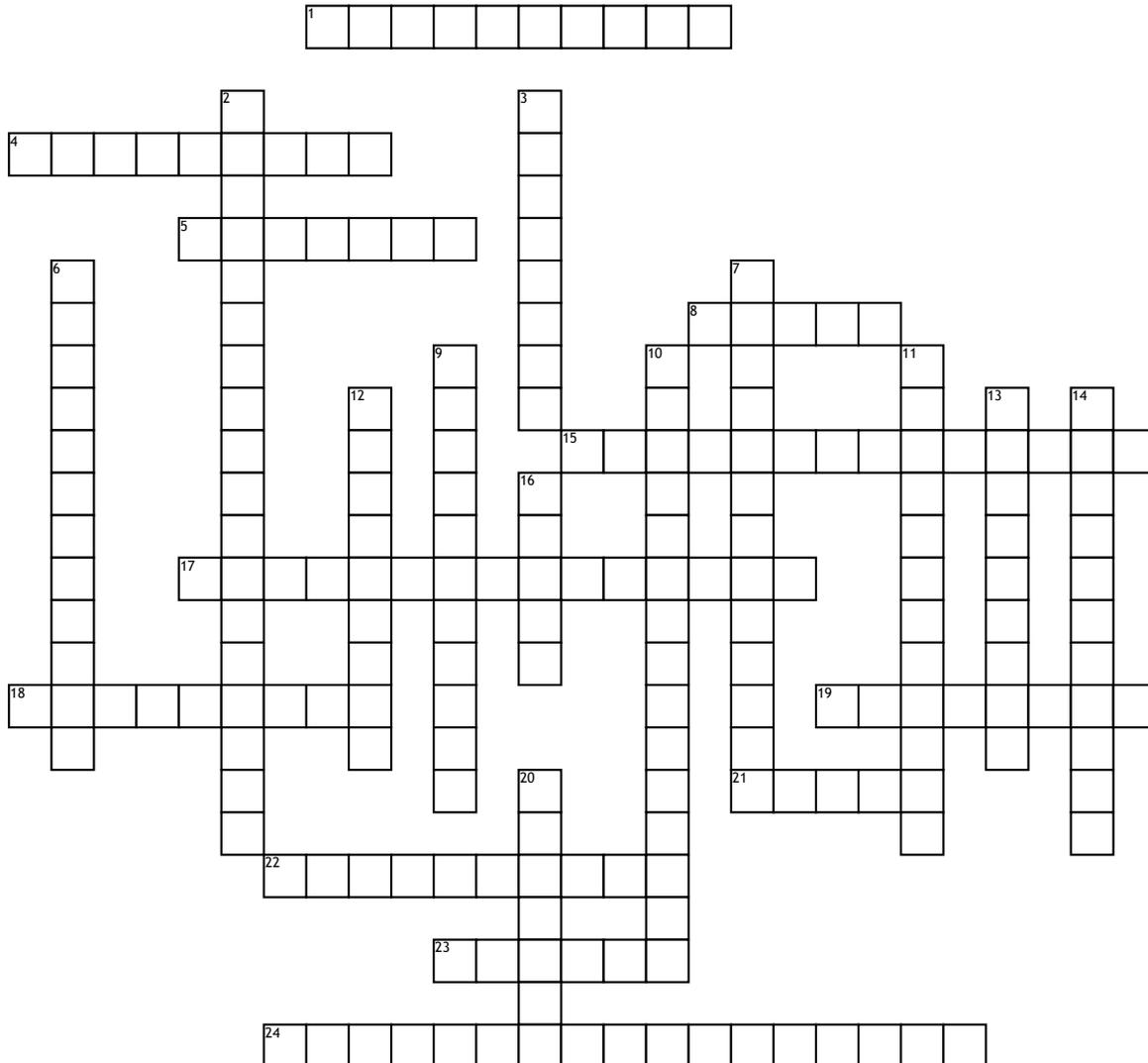


# earth systems



## Across

1. record produced by a seismograph
4. a seismic wave that moves through the interior of the earth P and S waves are both this type of wave
5. a flat area of land high above sea level
8. where the earthquake takes place underground
15. make up mountain systems
17. when two collide putting stress causing them to fold
18. indicates the strength of an earthquake
19. a shallow break in the earths crust not moving surroundings crust
21. are the second fastest wave

22. a sudden and violent shaking of the ground, sometimes causing great destruction, as a result of movements within the earth's crust or volcanic action

23. the fastest type of wave

24. mountains that have a hole where lava ash and smoke can come out

## Down

2. when plates pull apart and some materials and pushed upward and some collapse
3. areas far from plate boundary where there are active volcano
6. where magma rises up and pushes earths crust outward without breaking the crust

7. largest collection of mountains, only two in the world

9. the action or process of changing in shape or distorting, especially through the application of pressure.

10. make up mountains belts

11. the interaction of s and p waves

12. where the earthquake takes above ground

13. The severity of an earthquake

14. an instrument that measures and records details of earthquakes

16. a deep break in the earths crust moving the surrounding crust

20. a long high sea wave caused by an earthquake