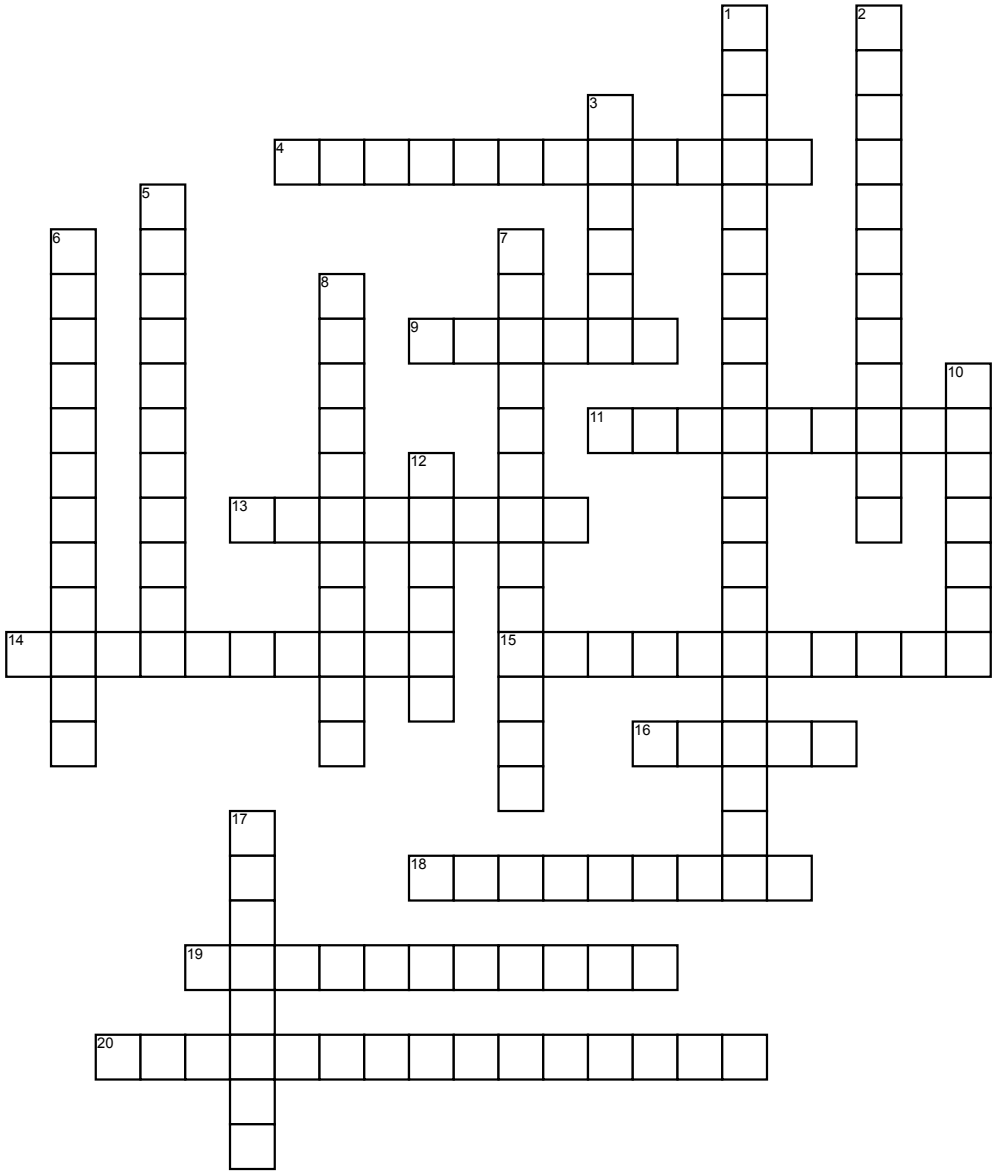
Name: _____ Date: _____ Period: _____

Earthquakes Vocabulary



Across

4. Seismic waves that move slower then P and S waves, but they can produce more severe ground movements
9. A forces that acts on an area of rock to change its shape or volume
11. A number that geologist assign to an earthquake based on the earthquake's size
13. Block of rock that lie below
14. The shaking that results from sudden movement of rock along a fault
15. Type of stress that squeezes rock until it folds or breaks
16. The area beneath Earth's surface where rock under stress breaks, triggering an earthquake
18. The point on the surface directly above the focus
19. Block of rock that lies above
20. Rocks on either side of a strike-slip fault, slip past each other, with little up or down motion

Down

1. A rating system that estimates the total energy released by an earthquake
2. The hanging wall moves up relative to the footwall
3. Seismic waves that compress and expand the ground like an accordian
5. The hanging wall slips down relative to the footwall
6. A scale that assigns magnitude number to an earthquake based on the size of the seismic waves
7. A scale devolved to rate earthquakes according to their intensity, or strength at a give place
8. Where the seismic waves are measured
10. Type of stress that pulls on the crust, stretching rock so that is becomes thinner in the middle
12. Seismic waves that vibrate side to side as well as up and down
17. Stress that pushes a mass of rock in two opposite directions

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