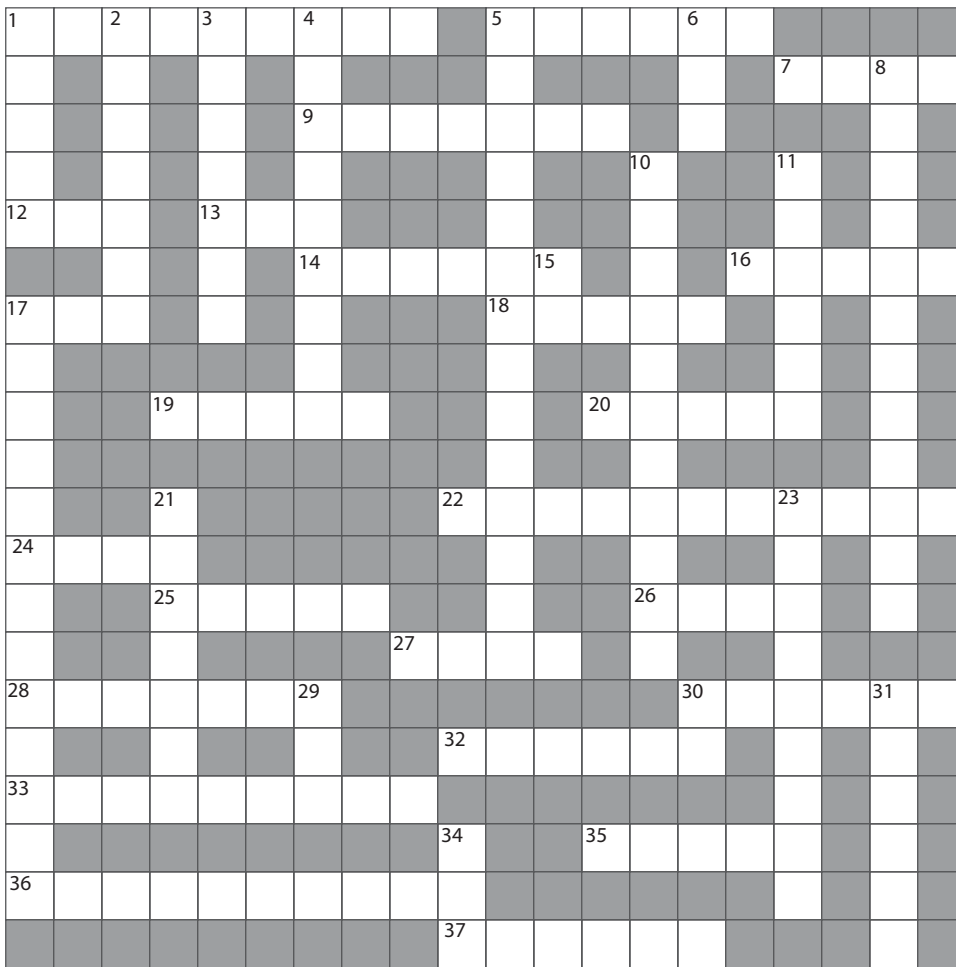


## Earthquakes and Earth's Interior



### Across

1. An earthquake that precedes the major earthquake.
5. An earthquake is caused by the quick release of elastic \_\_\_\_\_.
7. Things \_\_\_\_ down during an earthquake.
9. Caused by a vertical displacement of oceanic crust.
12. Please \_\_\_\_ still and listen.
13. *"All I need is the \_\_\_\_ that I breathe..."*
14. disaster
16. e.g. S, P and surface
17. 13. across
18. Earth's outermost layer
19. Very gradual movement.
20. The origin of earthquake energy
22. The boundary that separates crust and mantle
24. Jack of all trades, master of \_\_\_\_
25. The center of the earth is the \_\_\_\_\_ core.
26. Before the present moment.
27. P or S waves are \_\_\_\_\_ waves.
28. P is for \_\_\_\_\_.
30. Upper and lower \_\_\_\_\_.
32. The cool, rigid shell of the earth is the litho\_\_\_\_\_.
33. Directly above the focus.
35. An earthquake usually occurs along a \_\_\_\_\_.
36. A vibration of the earth.
37. A belt where direct P waves are absent is called the \_\_\_\_\_ zone.

### Down

1. 20 across.
2. A well know scale for measuring the magnitude of an earthquake.
3. Earthquake waves that travel along the outer layer of the earth are \_\_\_\_\_ waves.
4. A liquid layer of the earth, 2000 km thick (5000 Sear's Towers).
5. When rock springs back.
6. \_\_\_\_\_ leaks can lead to fires following an earthquake.
8. When a stable soil turns to a mobile fluid.
10. A device to record earthquake waves.
11. Richter, Moment Magnitude and Mercali
15. Father of Junior
17. Directly beneath the lithosphere.
21. The study of these records provided evidence that the earth has layers.
23. Scales based on the destructive effects of earthquakes.
29. The "big one" hasn't happened \_\_\_\_.
30. \_\_, myself and I.
31. State of the outer core.
34. Are you learning in this class?