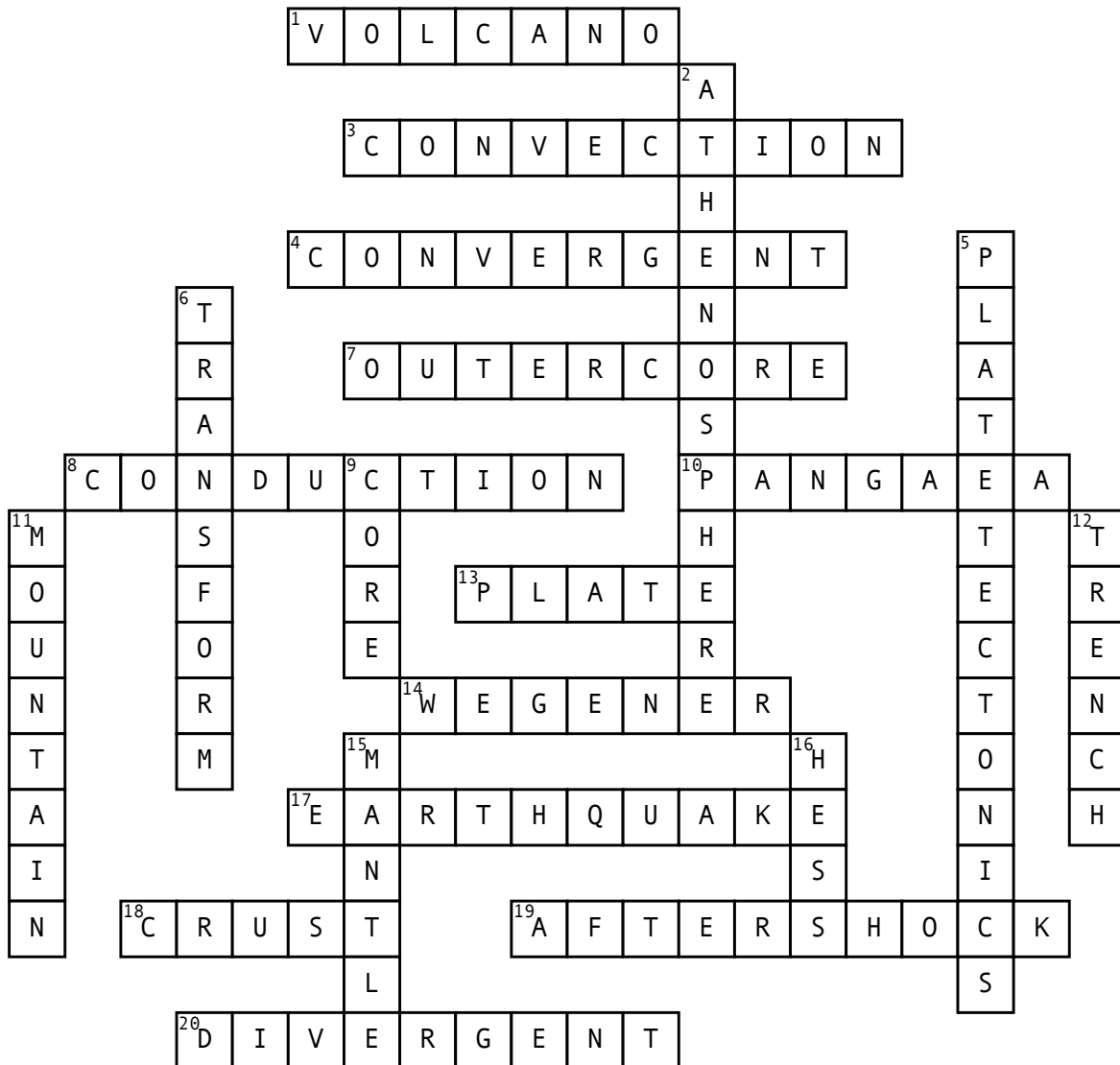


Plate Tectonics, Earthquakes, Volcanoes, and Earth's Structure



Across

1. opening in Earth's surface that often forms a mountain when layers of lava and volcanic ash erupt and build up
3. transfer of heat by the movement of a heated fluid
4. plates that collide together
7. liquid core that surrounds Earth's solid inner core
8. heat transfer by direct contact of particles of matter
10. single large landmass made up of all the continents connected together that broke apart 200 million years ago

13. surface along which rocks break and move

14. discoverer of the continental drift theory
17. vibrations caused by breaking rocks along faults
18. Earth's outermost layer, which varies in thickness from about 5km to 60km and is separated from the mantle by the Moho Discontinuity
19. A smaller earthquake that occurs after a larger earthquake in the same area.
20. plates that divide apart from each other

Down

2. plastic-like layer below the lithosphere
5. a theory explaining the structure of the earth's crust
6. plates slide by each other
9. center of earth
11. a large natural elevation of the earth's surface
12. a long, narrow, deep depression in the ocean floor, typically one running parallel to a plate boundary and marking a subduction zone.
15. largest layer inside Earth
16. discoverer of the sea-floor spreading theory