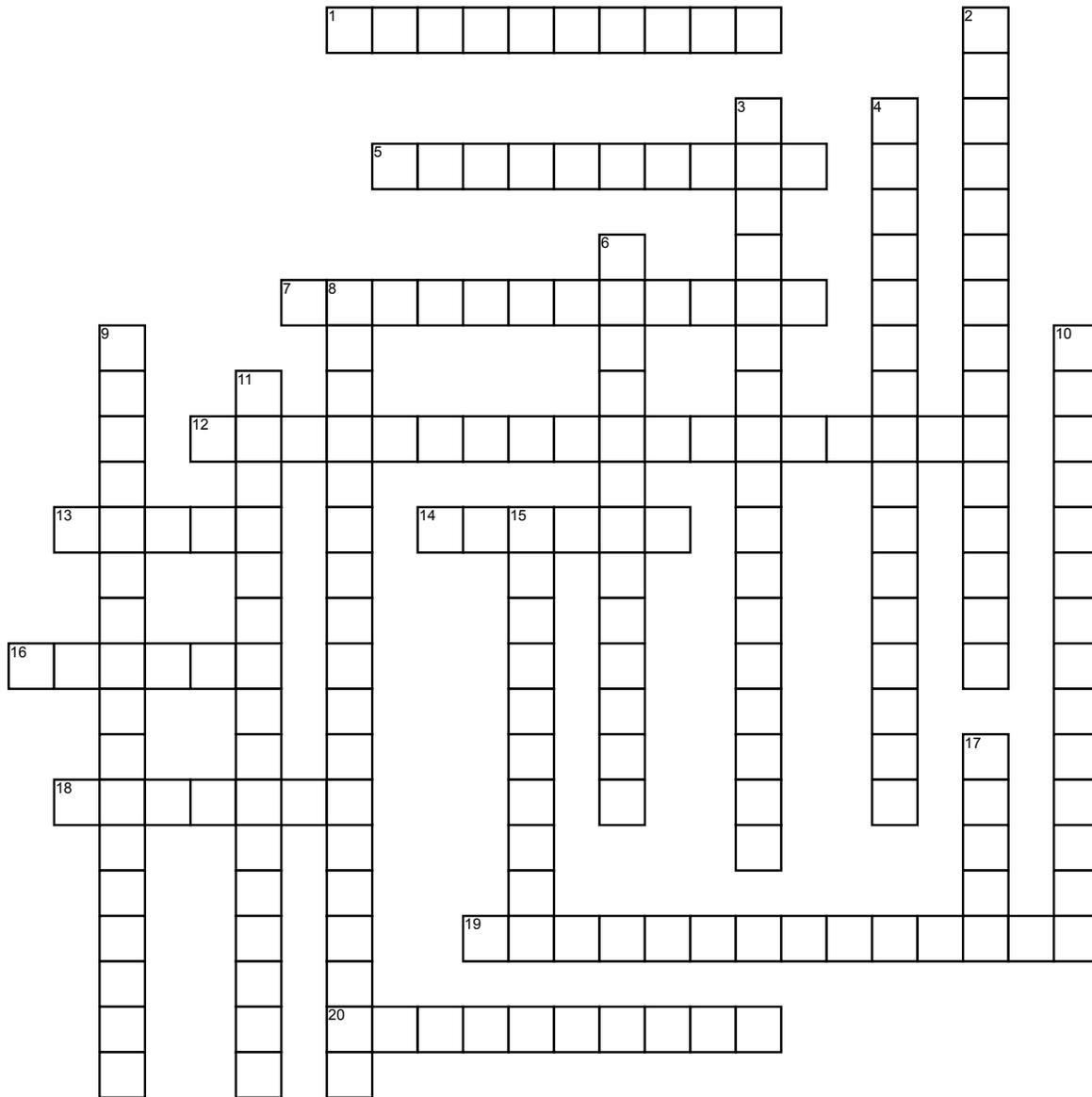


Plate Tectonics Crossword Puzzle



Across

1. the sideways and downward movement of the edge of a plate of the earth's crust into the mantle beneath another plate.
 5. an area in the basin of the Pacific Ocean where a large number of earthquakes and volcanic eruptions occur.
 7. the relatively thin part of the earth's crust that underlies the ocean basins.
 12. a current in a fluid that results from convection.
 13. Its underlain by the mantle.
 14. a long, narrow ditch.
 16. The region of the interior of the Earth between the core and the crust
 18. A rocky mountain or hill filled with magma and/or lava.

19. the two sub-layers of the earth's crust (lithosphere) that move, float, and sometimes fracture and whose interaction causes continental drift, earthquakes, volcanoes, mountains, and oceanic trenches.
 20. a large elongated depression with steep walls formed by the downward displacement of a block of the earth's surface between nearly parallel faults or fault systems.

Down

2. a major geological fault in California
 3. a type of fault whose relative motion is predominantly horizontal in either sinistral or dextral direction.
 4. a very long narrow elevation on the ocean floor that runs all the way from Iceland in the North Atlantic to Bouvet Island in the South Atlantic.

6. an elevated region with a central valley on an ocean floor at the boundary between two diverging tectonic plates.
 8. an actively deforming region where two tectonic plates or fragments of the lithosphere move toward one another and collide.
 9. a linear feature that exists between two tectonic plates that are moving away from each other.
 10. A large amount of mountains in the same place.
 11. the relatively thick part of the earth's crust that forms the large landmasses.
 15. When the Earth's Ground shakes.
 17. a place where sections of the crust of the Earth move relative to each other.