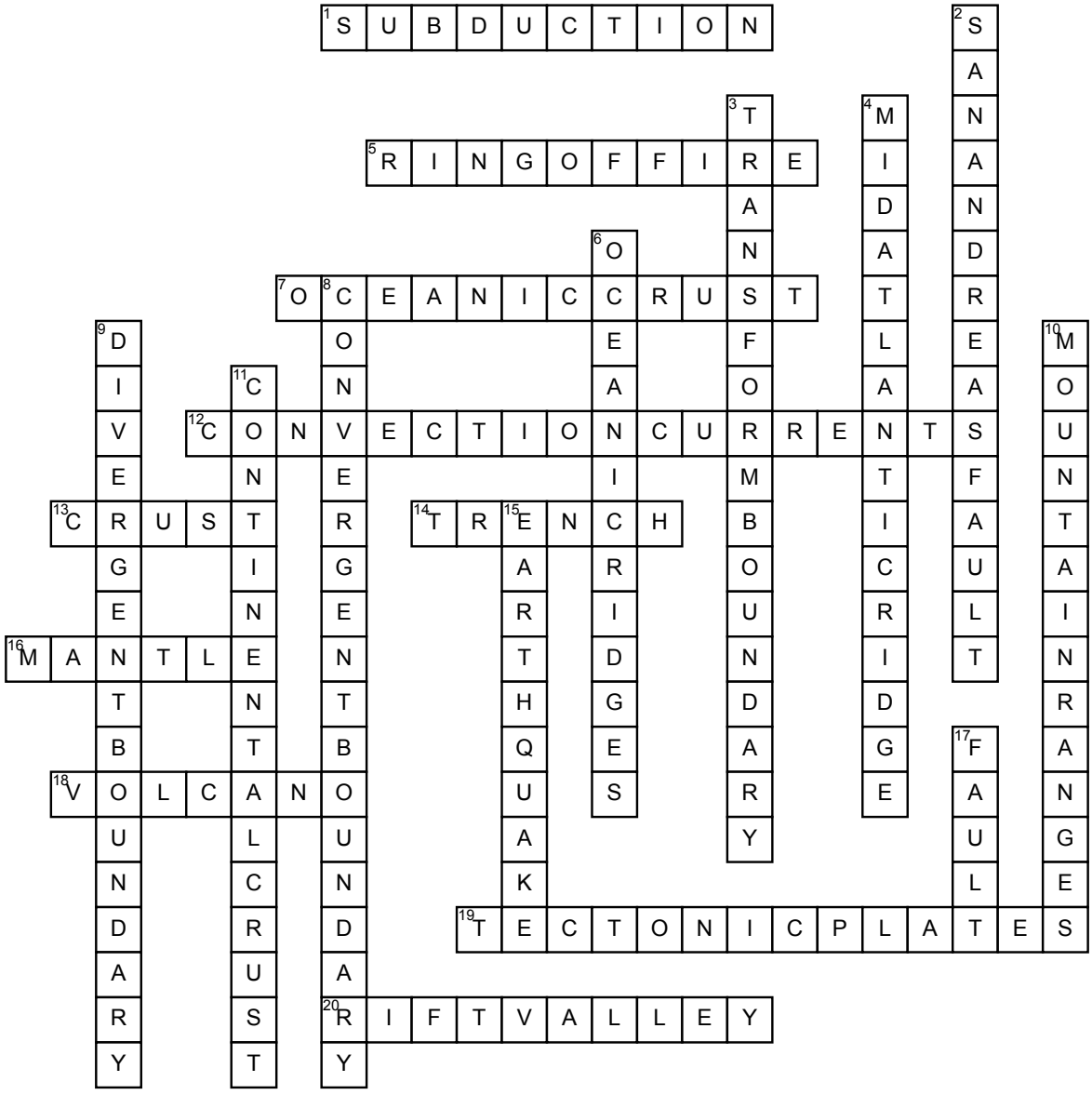
# Plate Tectopnics Crossword Puzzle



**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.** he 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.