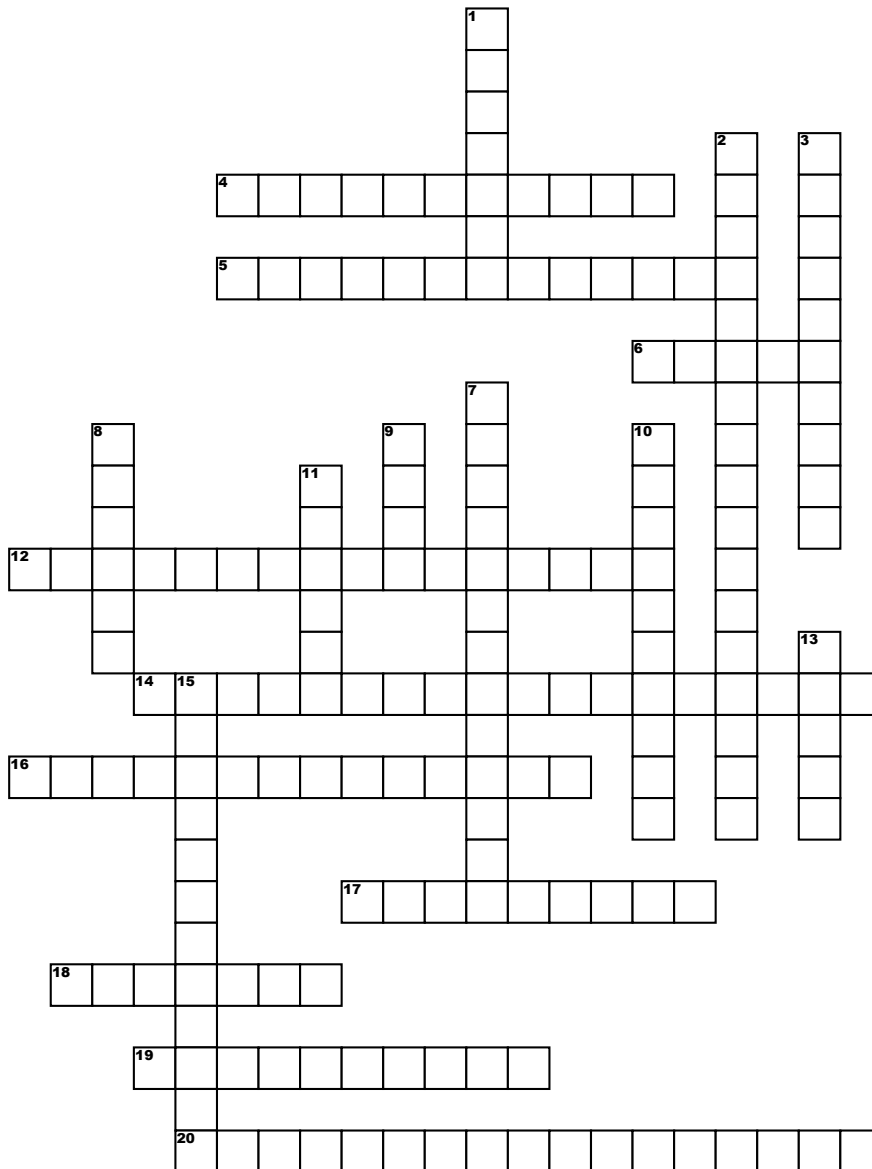


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# The Plates



## Across

**4.** the rigid outer part of the earth, consisting of the crust and upper mantle.

**5.** the biggest crash scene on Earth

**6.** solids that is found beneath the surface of the Earth

**12.** the relatively thick part of the earth's crust that forms the large landmasses.

**14.** plates collide

**16.** Flip tectonic plates

**17.** densest layer

**18.** a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are being or have been erupted from the earth's crust.

**19.** the sideways and downward movement of the edge of a plate of the earth's crust into the mantle beneath another plate

**20.** move past each other

## Down

**1.** a small area or region with a relatively hot temperature in comparison to its surroundings.

**2.** plates move move apart

**3.** A rift valley is a linear-shaped lowland between several highlands or mountain ranges created by the action of a geologic rift or fault.

**7.** A mid-ocean ridge or mid-oceanic ridge is an underwater mountain range, formed by plate tectonics.

**8.** border closely on; encroach upon

**9.** hot molten or semifluid rock erupted from a volcano or fissure, or solid rock resulting from cooling of this

**10.** a sudden and violent shaking of the ground, sometimes causing great destruction, as a result of movements within the earth's crust or volcanic action

**11.** 3rd layer of earths crust

**13.** least densest layer

**15.** the relatively thin part of the earth's crust that underlies the ocean basins.