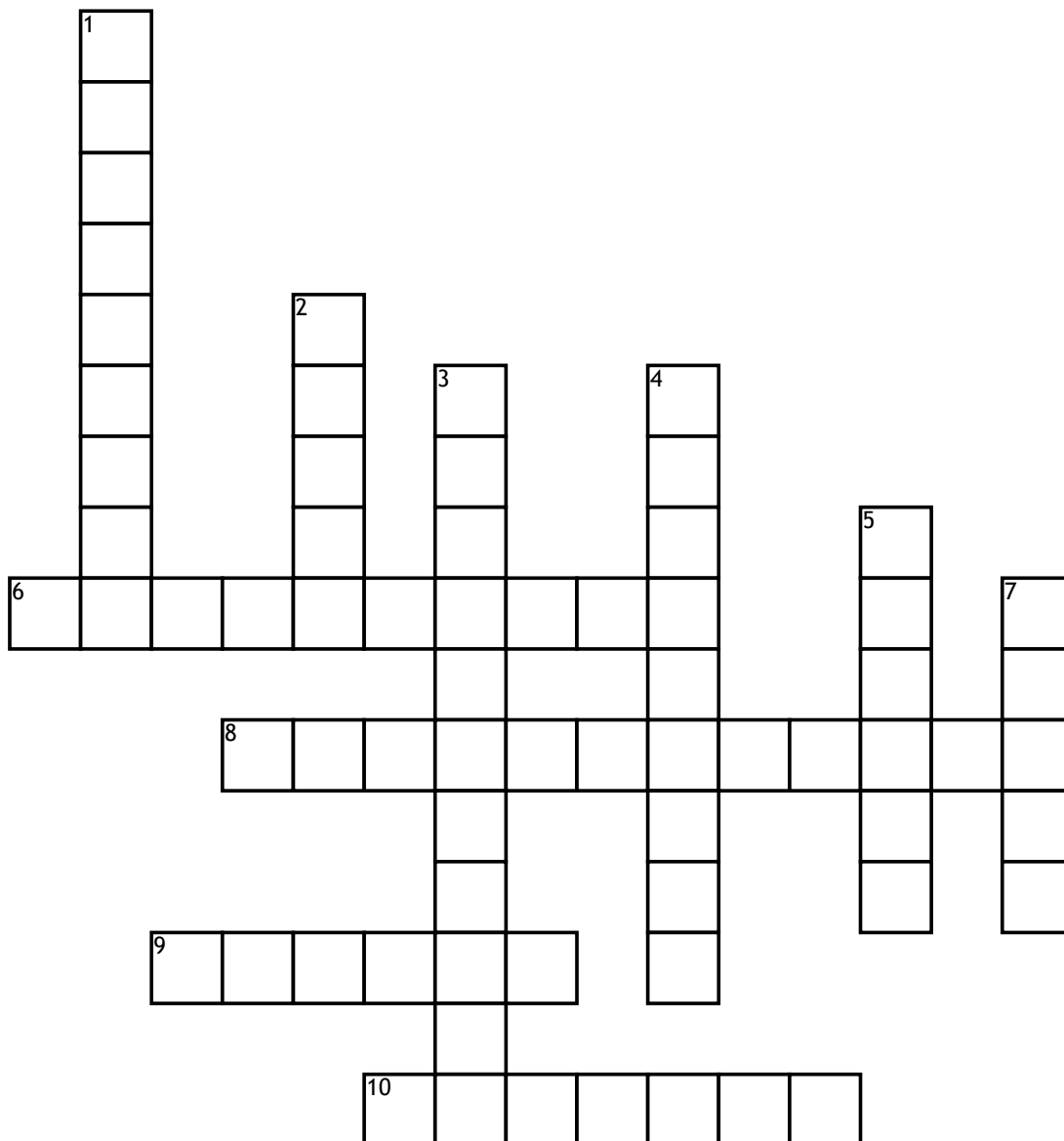


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Layers of Earth



## Across

- 6.** The strong, lower part of the mantle between the asthenosphere and the outer core
- 8.** vibrations that travel through Earth carrying the energy released during an earthquake
- 9.** seismic waves that compress and expand the ground like an accordion (travel through all layers of the Earth)
- 10.** convection current movement of material due to heat and density density the amount of matter in a given volume, increases with depth in the Earth

## Down

- 1.** a dense sphere of solid iron and nickel at the center of Earth
- 2.** cooler, more dense mantle material
- 3.** -Earth's crust and solid upper mantle -broken into tectonic plates
- 4.** -a layer of molten (liquid) iron and nickel that surrounds the inner core of Earth
- 5.** A type of seismic wave that moves side to side. (Only travels through solids)
- 7.** hot, less dense mantle material