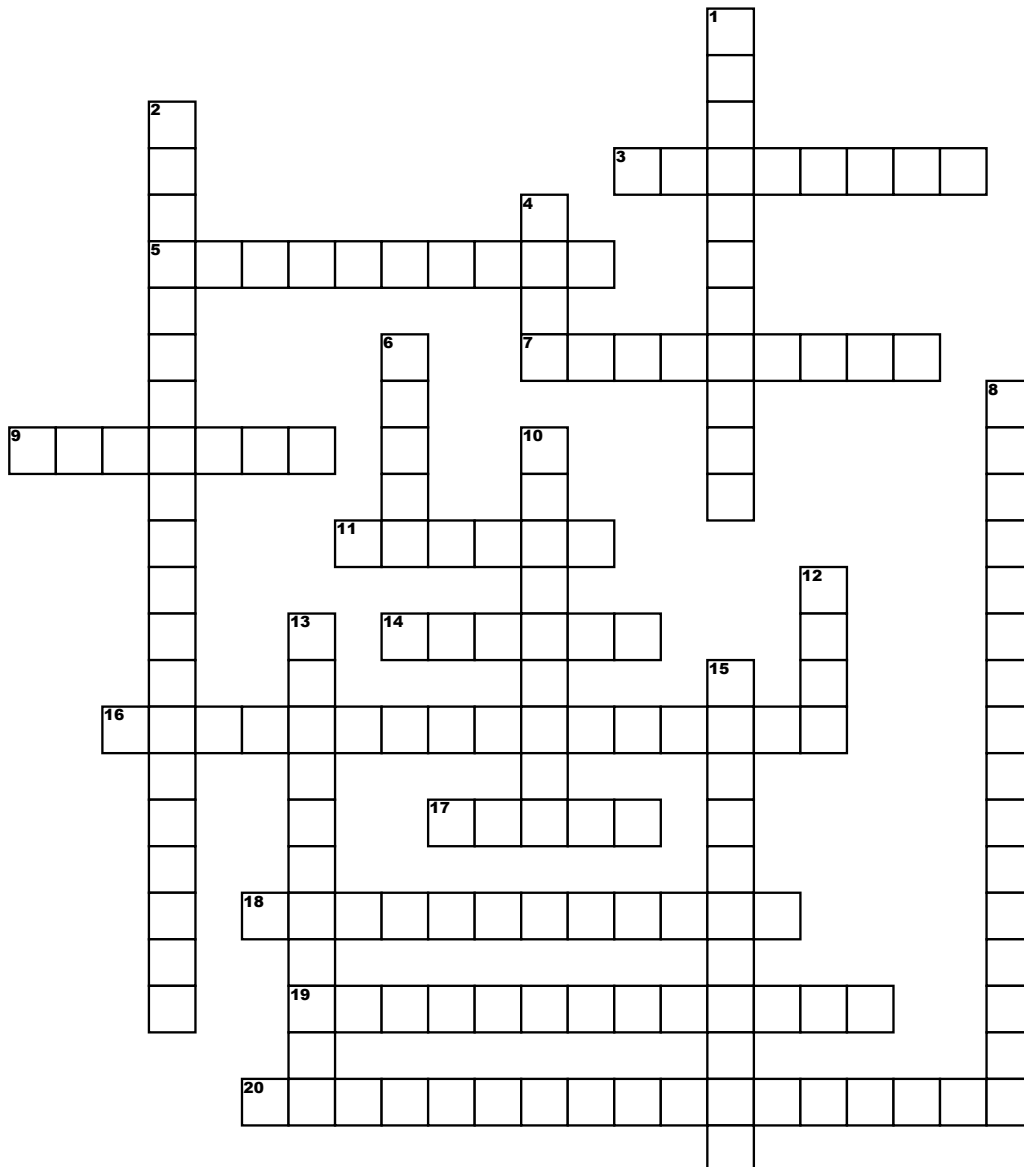


Name: \_\_\_\_\_

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

# Earth Science



## **Across**

- 3.** plates are pulled apart at the mid-ocean ridges  
**5.** when one plate sinks below another plate during a collision  
**7.** the point on earth's surface directly above the focus of an earthquake  
**9.** A place where extremely hot material from inside earths erupts at the surface.  
**11.** layer beneath Earth's crust  
**14.** a depression in the ocean floor  
**16.** the separating of continents by drifting across Earth's surface

- 17.** the place below ground where an earthquake starts  
**18.** the crust that forms the ocean floor  
**19.** a layer of 'plastic' semi-solid rock in the lower mantle on which earth's tectonic plates move  
**20.** the process of new crust forming at the ocean ridges & spreading outwards

## **Down**

- 1.** a deep channel in the floor where crust is sinking downwards  
**2.** plate boundary where new crust is formed

- 4.** the center of the earth  
**6.** molten rock below earths surface  
**8.** patterns of magnetism trapped in rocks on each side of plate boundaries  
**10.** a chain of island formed at the edge of colliding tectonic plates where plate subducts  
**12.** a zone where earths crust & mantle are being pulled up  
**13.** the shaking, wave-like movement of the ground from an earthquake  
**15.** name for the crust & the upper mantle together.