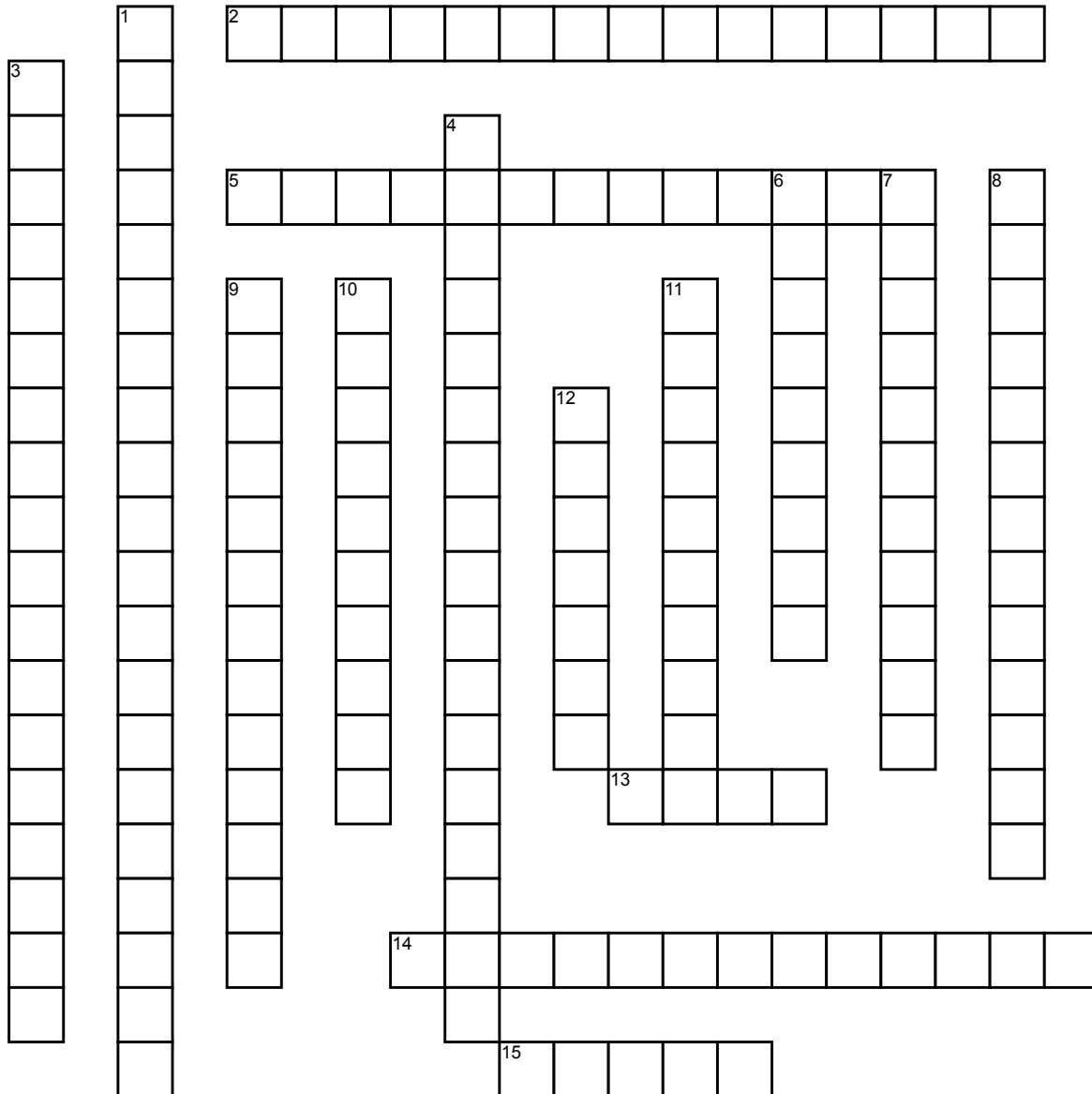


Name: \_\_\_\_\_

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

# Dynamic Earth



## Across

- 2.** change in the shape or volume of rocks as a result of stress  
**5.** stress that causes rocks to fold and bend  
**13.** magma that reaches earth's surface  
**14.** stress that causes rocks to break  
**15.** the point along a fault at which the first motion of an earthquake occurs

## Down

- 1.** particles of rock produced in volcanic eruptions. range from fine dust to very large rocks  
**3.** tectonic plate boundary in which two plates move toward each other  
**4.** plate boundary in which tectonic plates move away from each other  
**6.** the point on the earth's surface directly above the focus of an earthquake  
**7.** a vibration that travels through earth carrying the energy released during an earthquake

- 8.** a wide, gently sloping mountain made of layers or hardened lava and formed by quiet eruptions  
**9.** Piece of lithosphere that moves around on top of the asthenosphere  
**10.** the record of an earthquake's seismic waves produced by a seismograph  
**11.** magma that is high in magnesium and iron, dark in color, and usually causes quiet eruptions  
**12.** a volcanically active area of earth's surface far from a tectonic plate boundary