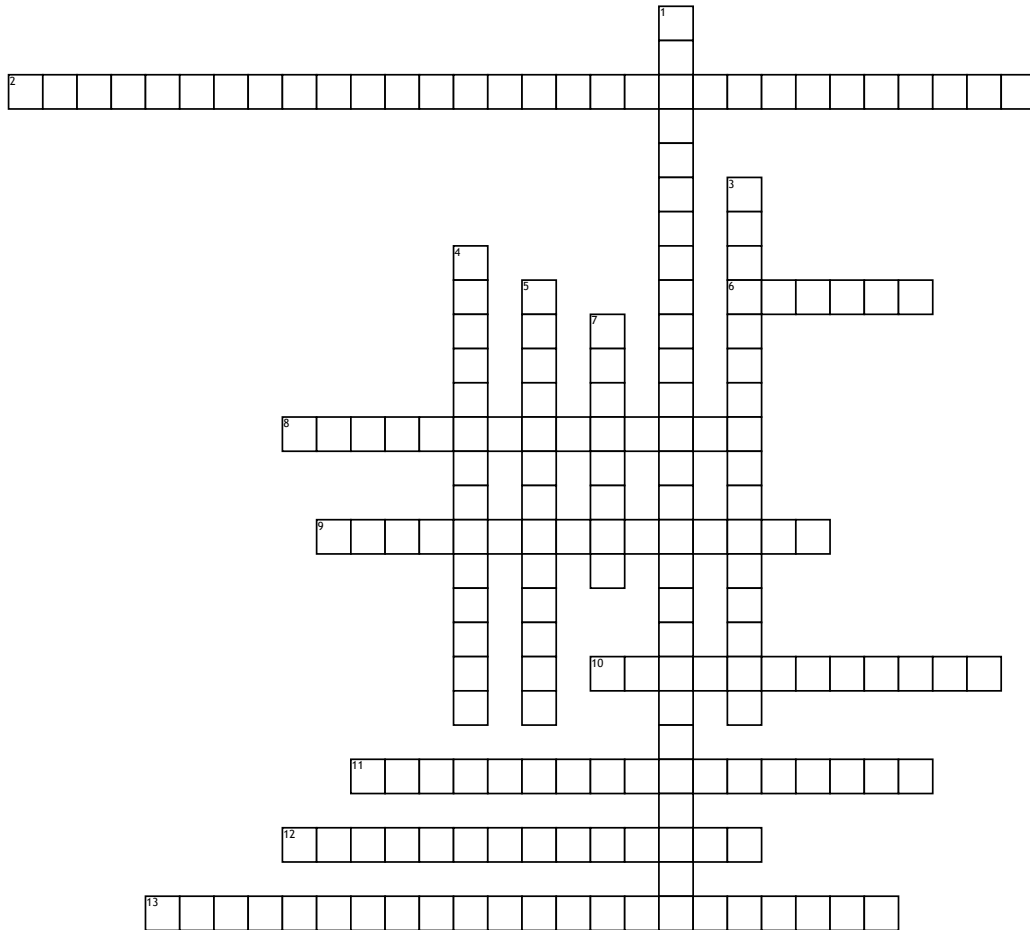


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Kris, Symantha, Breeann, Emalee, Connor



**Across**

2. The \_\_\_\_\_ Plate is one of the smallest plates, between the \_\_\_\_\_ and \_\_\_\_\_ Plates.
6. \_\_\_\_\_ of similar organisms have been found on several continents separated by ocean
8. The \_\_\_\_\_ beneath the continents and the \_\_\_\_\_ is made of solid rock.
9. The opposite of normal polarity is \_\_\_\_\_ - a state in which magnetized objects would reverse direction and orient themselves to point south.

**Word Bank**

Jean de fruca North american Pacific  
 Seafloor spreading  
 Reverse polarity  
 Normal polarity  
 Alfred Wegener

10. As the seafloor continues to spread apart, the older \_\_\_\_\_ moves away from the mid-ocean ridge.

11. \_\_\_\_\_ is the process by which new oceanic crust forms along a mid-ocean ridge and older oceanic crust moves away from the ridge.
12. Today's magnetic field is described as having a \_\_\_\_\_ - a state in which magnetized objects will orient themselves to point north.
13. If oceanic crust continues to form at \_\_\_\_\_ and is never destroyed, Earth's surface area should \_\_\_\_\_.

seafloor drifting  
 Earthquakes Volcanic eruption  
 Fossil  
 mid-ocean ridges

**Down**

1. Plate tectonics provides an explanation for the occurrence of \_\_\_\_\_ and \_\_\_\_\_.
3. The evidence needed was hidden of the \_\_\_\_\_ between the drifting \_\_\_\_\_ continents.
4. The mountain ranges in the middle of the oceans are called \_\_\_\_\_.
5. Nearly 100 years ago \_\_\_\_\_ began investigating whether the Earth's continents were fixed in their positions.
7. During the 1940s, scientist began exploring the \_\_\_\_\_ in greater detail.

Mid-ocean ridges Increase  
 seafloor  
 mantle seafloor  
 Oceanic crust