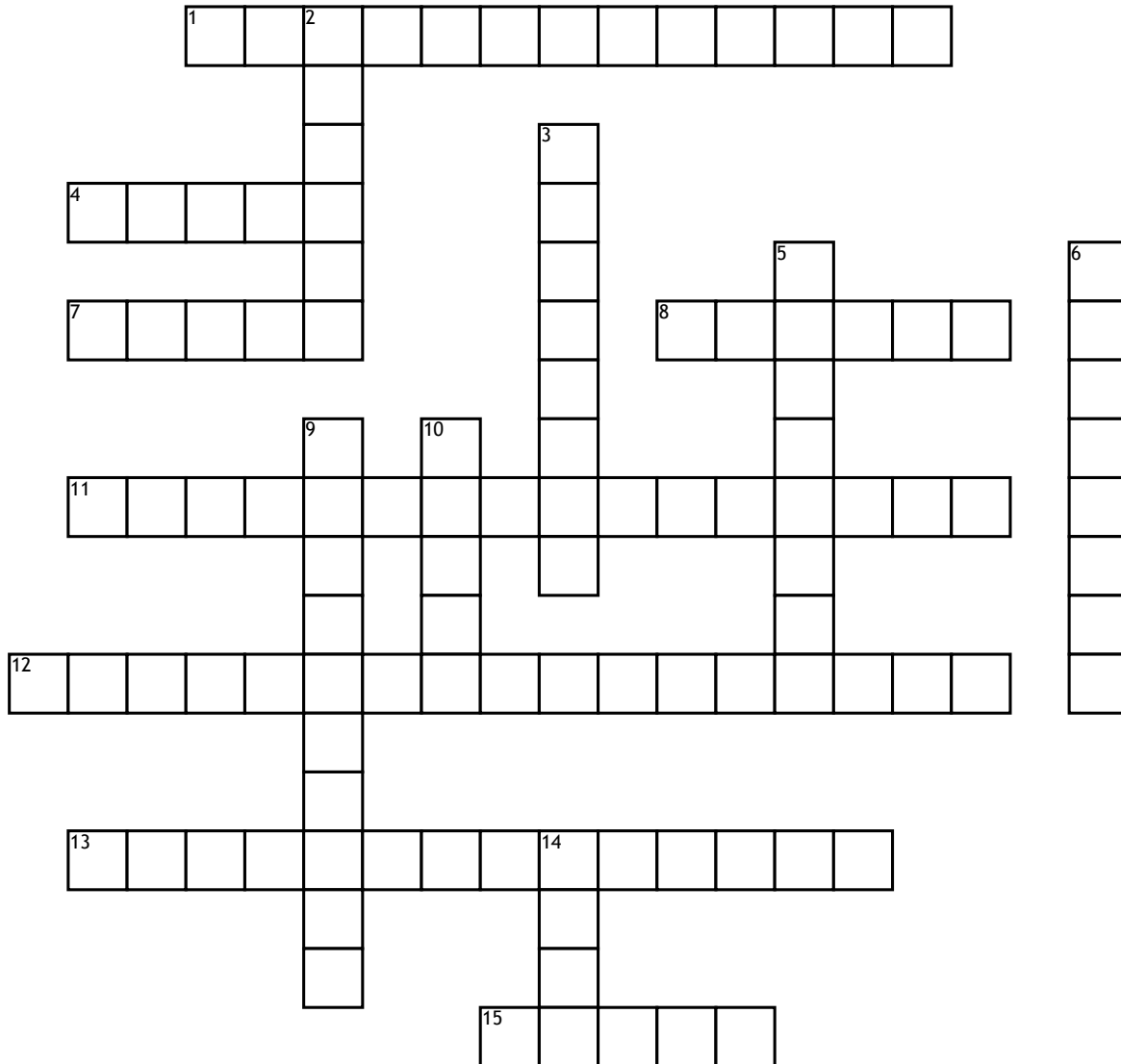


# Seafloor Spreading



## Across

1. An underwater mountain chain where new crust is formed.
4. During subduction oceanic crust is pushed down toward the mantle and \_\_\_\_\_.
7. Technology used to map the topography of the ocean floor.
8. A feature of the seafloor that forms when oceanic crust dives under continental crust.

11. Seafloor spreading is responsible for \_\_\_\_\_.

12. At the midocean ridge new crust is being created in a process called \_\_\_\_\_.

13. When magnets point to magnetic north.

15. Molten material underground.

## Down

2. Oceanic crust is \_\_\_\_\_ than continental crust.

3. Oceanic crust \_\_\_\_\_ beneath continental crust.

5. Magnets point to the south during \_\_\_\_\_ polarity.

6. Earth's magnetic history has been recorded in \_\_\_\_\_ stripes on the ocean floor.

9. Oddly shaped rock formations indicate new rock is forming at the midocean ridge.

10. Rock closest to the midocean ridge is \_\_\_\_\_ than rock further away.

14. Molten material that erupts onto the surface.