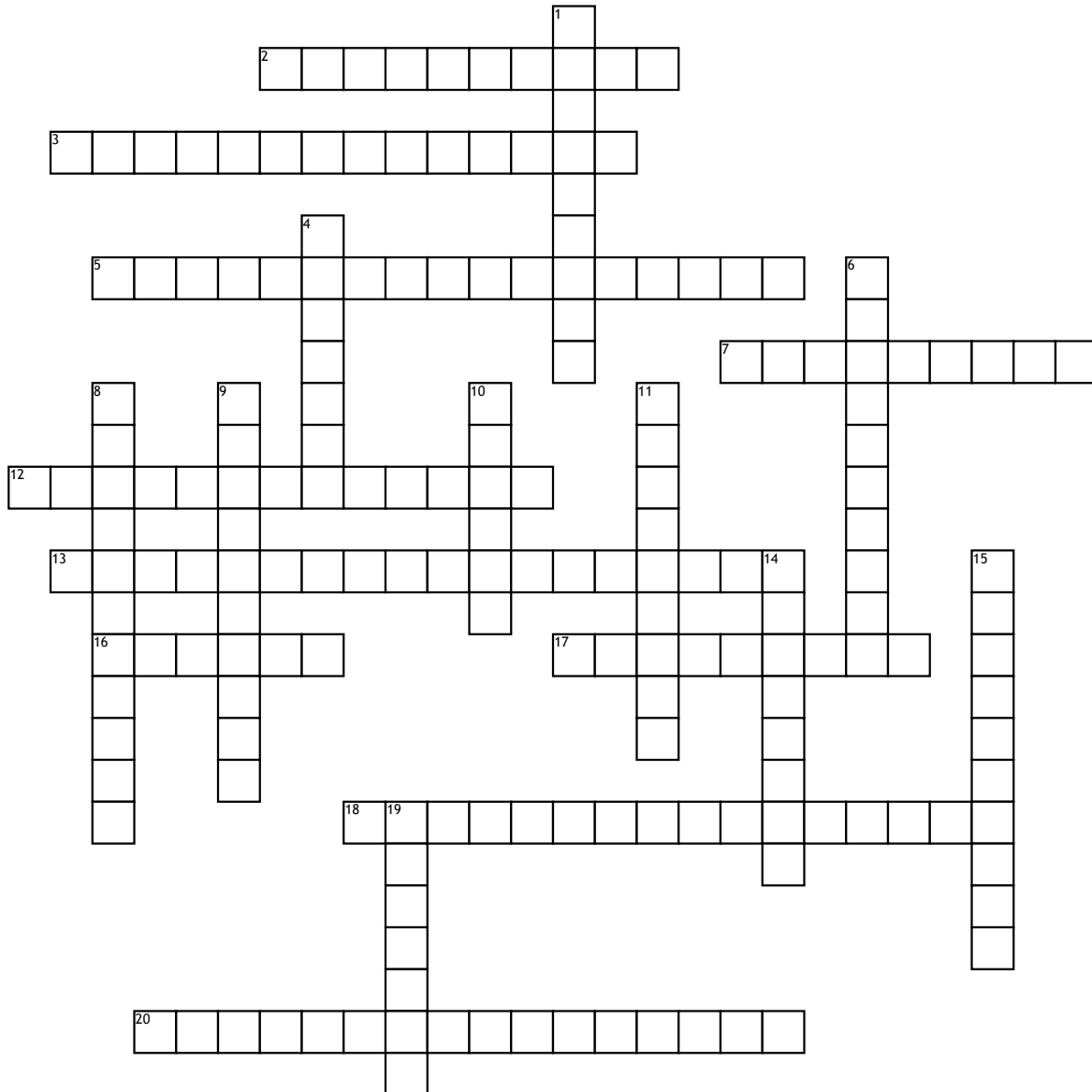


# Plate Tectonics Theory



## Across

2. The Caledonian mountains and the \_\_\_\_\_ mountains used to be one.
3. mountain ranges in the middle of the ocean are \_\_\_\_\_
5. The process in which new oceanic crust is formed.
7. Plates that slide across next to each other are called \_\_\_\_\_
12. Plastic layer in the mantle is called \_\_\_\_\_
13. What causes the tectonic plates to move?
16. The name of the super continent that is speculated to have existed millions of years ago is \_\_\_\_\_

17. When two continental crusts collide, \_\_\_\_\_ form

18. the hypothesis met by Alfred Wegener that the continents move around \_\_\_\_\_

20. When Earth's magnetic field changes, it is called \_\_\_\_\_

## Down

1. Where two plates separate, it is called \_\_\_\_\_
4. similar animal and plant \_\_\_\_\_ were found in Africa and South America
6. the movement of materials because of difference in temperature and density \_\_\_\_\_

8. The \_\_\_\_\_ makes up the tectonic plates

9. plates that collide are called \_\_\_\_\_

10. South America and \_\_\_\_\_ have matching coastlines

11. When rising mantle material pushes lithosphere away from a mid-ocean ridge, it is called \_\_\_\_\_

14. When a part of a plate pulls on another while sinking, it is called \_\_\_\_\_

15. when one plate sinks beneath another, it is called \_\_\_\_\_

19. The denser type of plate is \_\_\_\_\_