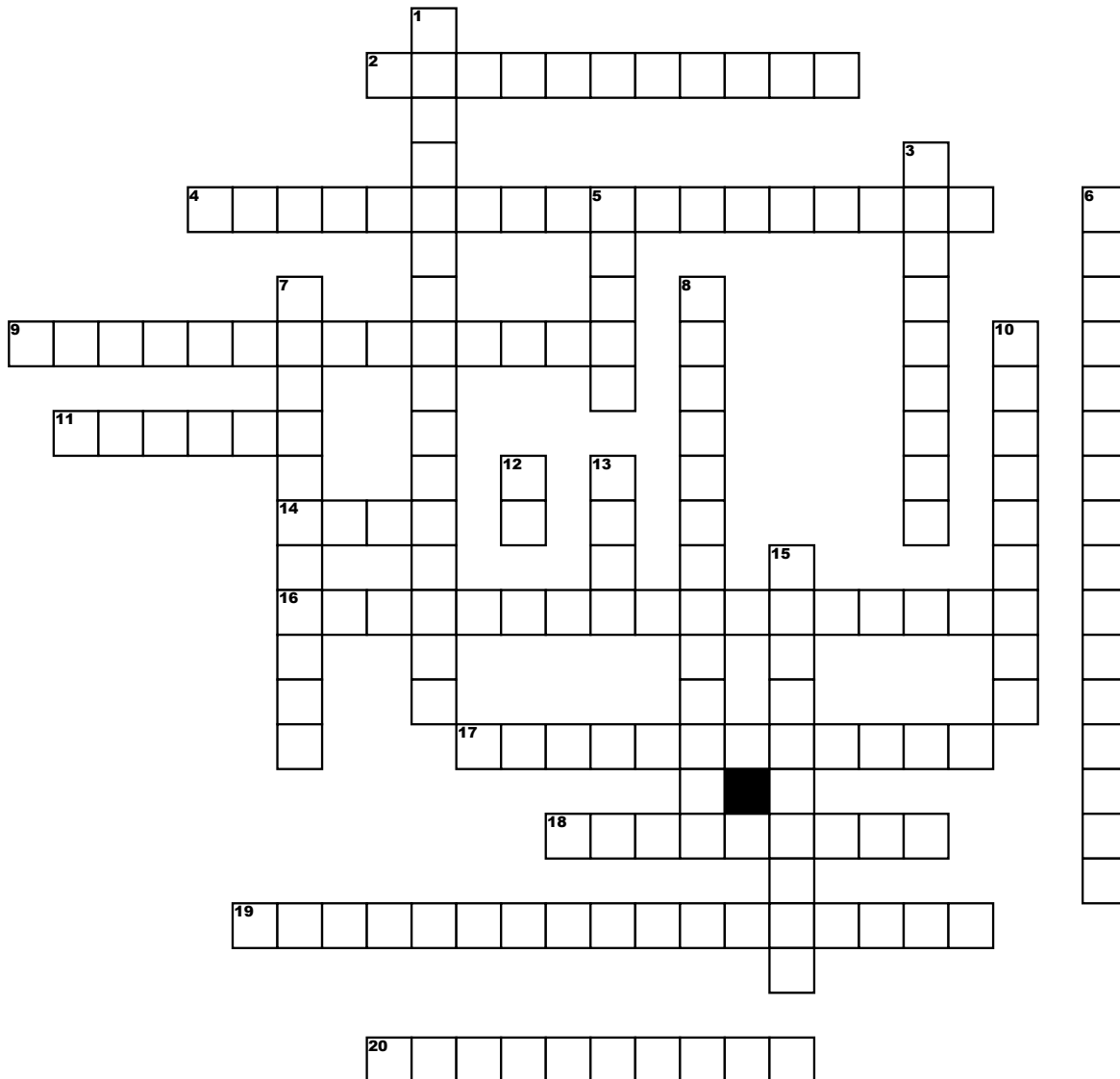


Name: _____

Date: _____

Tectonic Plates



Across

2. What are forces that push or squeeze plates together?

4. As the oceanic plate subducts, it heats up and releases fluids into the mantle, causing magma to form and rise to the surface, forming?

9. what occurs when a plate submerges under another one?

11. Describe an example of a rift valley

14. Divergent boundary creates new?

16. A zone of active volcanoes that encircles the Pacific Ocean is known as the?

17. who came up with one time in history our continents were all one giant land mass, called pangea?

18. Tension is the force of what boundary?

19. What deep-ocean feature forms at subduction zones?

20. Where are most divergent boundaries located?

Down

1. Alfred Wegner came up with what theory?

3. which boundary do the plates past each other?

5. How many boundarys are there?

6. How do scientists identify plate boundaries?

7. What is an example of a large mountain range formed when two plates made of continental lithosphere collided?

8. A narrow valley that forms where the plates separate at a divergent boundary is called a?

10. Who came up with sea-floor spreading?

12. How many major tectonic plates have scientists identified?

13. How many clues did Alfred Wegner used for his continental drift theory?

15. subduction zone only occurs at what boundary?