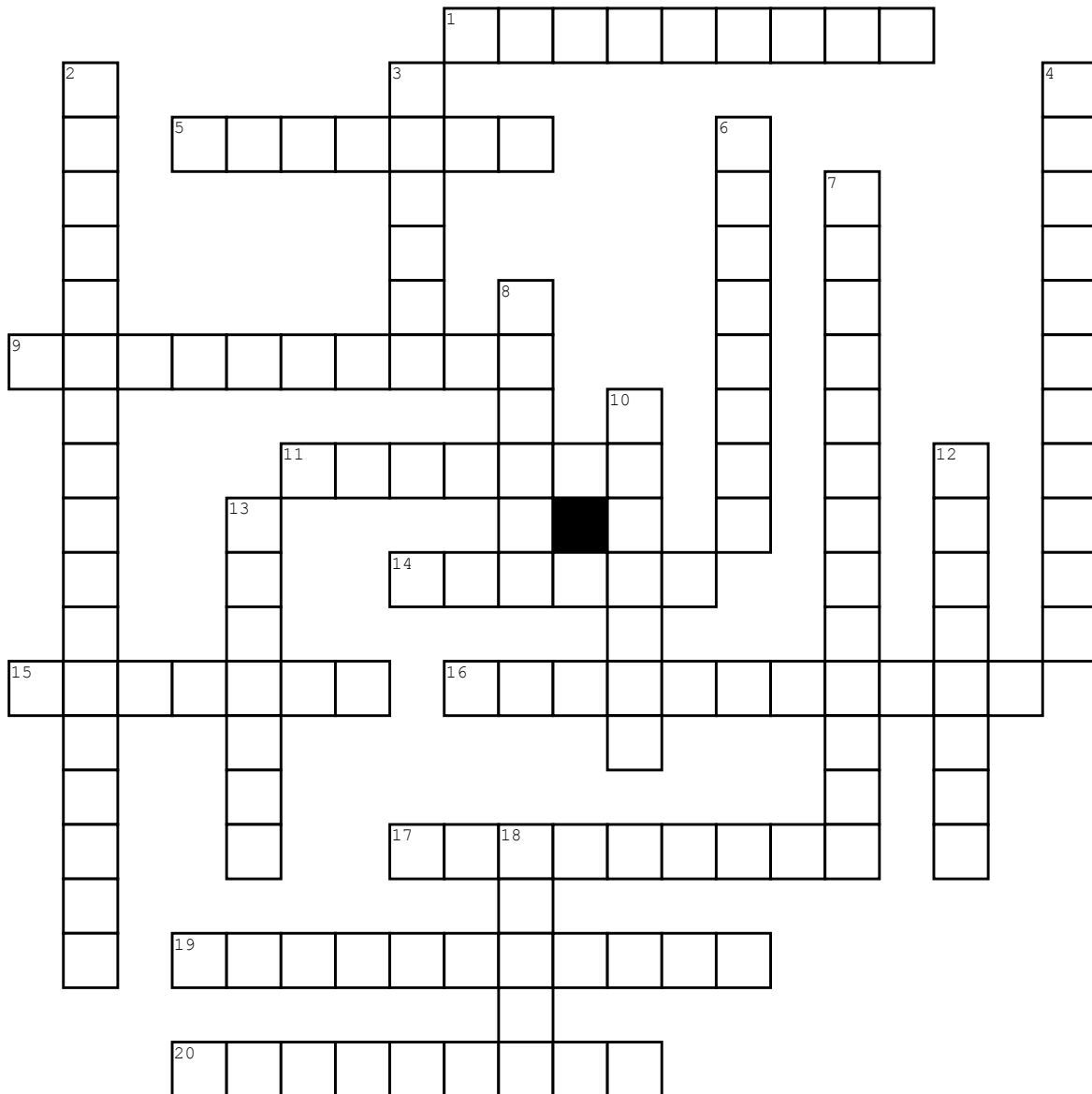


Name: _____

Date: _____

Tectonic Plates



Across

- 1. What is another name for a spreading boundary?
- 5. Which seismic wave travels the fastest through rock material?
- 9. What plate boundaries cause earthquakes to occur most?
- 11. What waves are the slowest and largest of the seismic waves?
- 14. What was the name of the combined continents in one landmass?
- 15. What are earthquake waves called?
- 16. What tool do scientists use to obtain a record of seismic waves from all over the world?

- 17. Where do volcanoes on Earth usually form along?
- 19. What are vibrations felt as?
- 20. What point on Earth's surface is located directly above the earthquake's focus?

Down

- 2. What helps explain continental drift in the theory of plate tectonics?
- 3. Where do scientists believe in Earth's layers are convection currents?
- 4. What do rift fractures serve as for magma originating in the mantle?
- 6. What tool measures the intensity of an earthquake?

- 7. What is the range of intensity spans measured as?
- 8. What would build up if tectonic plates collided and stopped moving?
- 10. When rocks are compressed what fault may form?
- 12. What large bodies of magma are forced upward through Earth's mantle and crust?
- 13. What happens to faults when rocks change shape by breaking?
- 18. What is the surface of such a break along which rocks move?