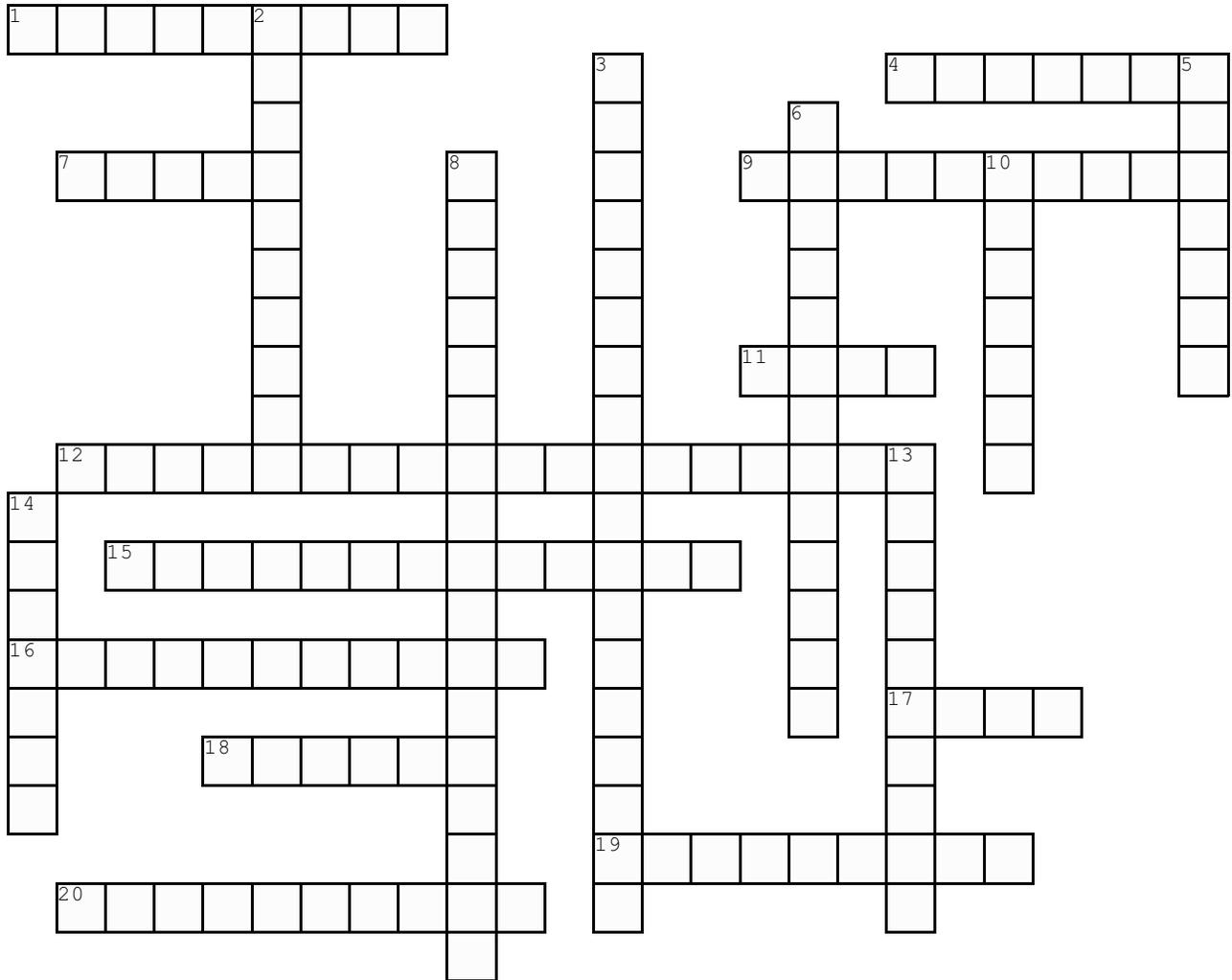


Name: \_\_\_\_\_

### Unit 3 Crossword Puzzle

Complete the crossword below. Try to do it from memory to test how much you know for your test. You may reference your notes if you need them.



## Across

1. When things cool off they become \_\_\_\_\_ and sink.
4. A \_\_\_\_\_ is likely to form at a convergent boundary when a plate is subducting.
7. The thin solid outermost layer of the Earth above the mantle
9. The border of the Pacific Plate which contains the majority of tectonically active volcanic mountains.
11. Mr. \_\_\_\_\_ claimed that the ocean floor is spreading apart at the MidOceanRidge.
12. The driving factor of plate tectonics that occur when things heat up & rise and cool off & sink.
15. A plastic layer of the mantle on which the pieces of the Lithosphere move.
16. The outermost rigid layer that is made of the crust and the rigid upper mantle.
17. The \_\_\_\_\_ of the Earth is made mainly from nickel and iron.
18. A supercontinent that included all the world's landmasses before the theory of plate tectonics broke them apart.
19. What type of boundary contains the highest chance of producing an Earthquake.
20. When two tectonic plates collide.

## Down

2. A sudden and violent shaking of the ground as a result of movements within the Earth's crust or volcanic activity.
3. \_\_\_\_\_ and \_\_\_\_\_ increase as you go deeper through the layers of the Earth. (Do not put the word and)
5. There are two types of crust. This one is more dense.
6. A long, undersea mountain chain that forms as magma rises toward the surface and solidifies.
8. \_\_\_\_\_ is the process by which new oceanic lithosphere forms as magma erupts and solidifies.
10. When \_\_\_\_\_ of plants and animals across the continents they used them as evidence for Continental Drift
13. When one plate slides UNDER another plate.
14. The study of the Earth.