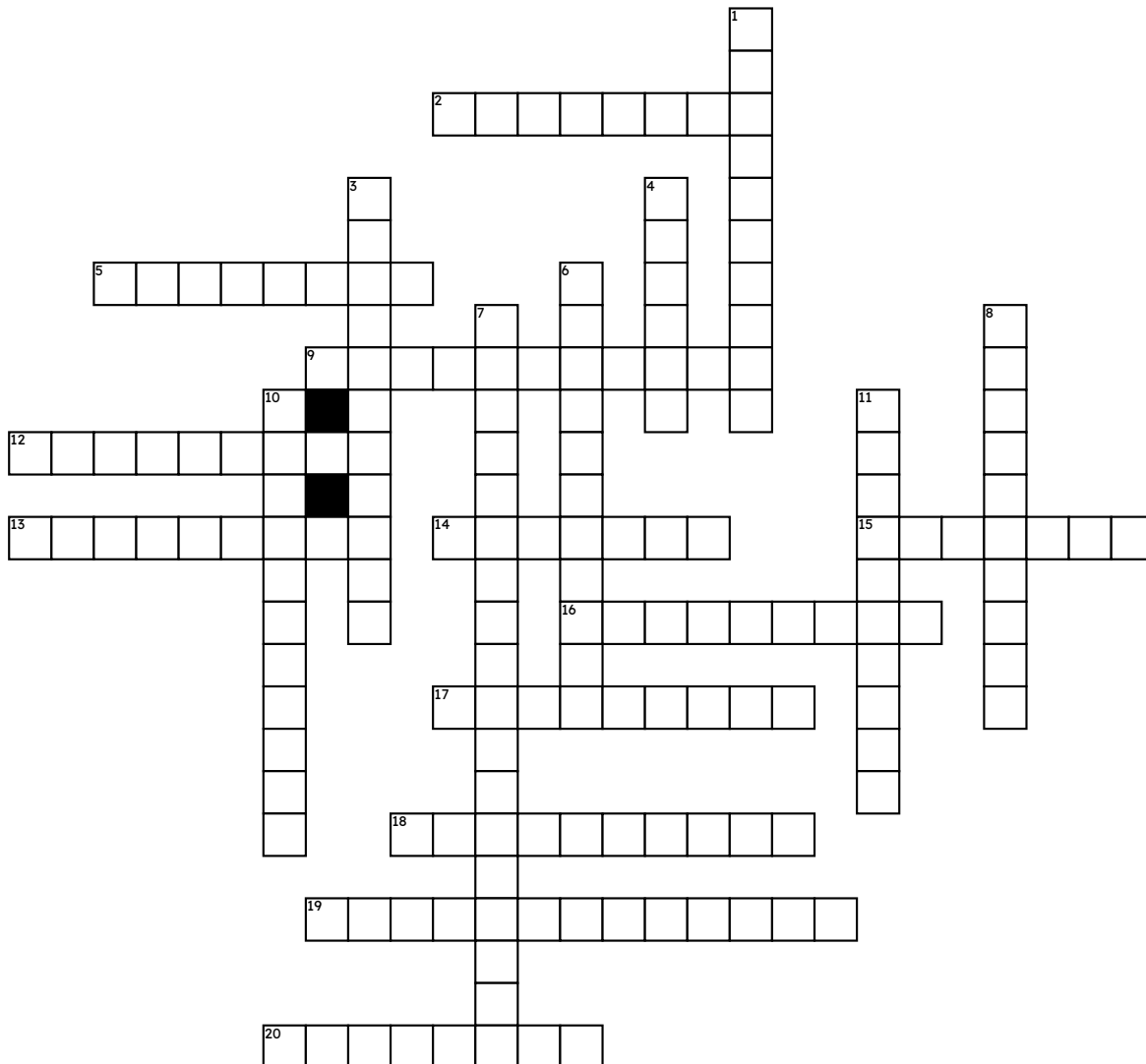


Name: _____

Plate Tectonics Crossword



Across

2. A large land form that rises above the surrounding land, formed through convergent boundaries.

5. A super-continent that was formed by the accretion of several cratons and became the largest piece of continental crust of the Paleozoic Era

9. The rigid outer part of the earth made up of the earth's crust and the upper mantle.

12. The third layer of the Earth which is the only liquid layer, and is mainly made up of the metals iron and nickel.

13. Boundary formed when two tectonic plates move away from one another.

14. The name of the thin crust that underlies the ocean basins and is made of rocks with a composition of basalt.

15. What is an opening earth's surface where lava, rock fragments, hot vapor and gases are ejected.

16. What boundary is formed when two plates slide sideways past each other?

17. The very center of the Earth, and the hottest part of the planet.

18. A violent shaking of the ground resulting movements of the earth's crust.

19. A hotter layer of Earth's mantle lying beneath the lithosphere.

20. The super-continent of the Northern Hemisphere that, according to the theory of plate tectonics, broke up into North America, Greenland, Europe, and Asia.

Down

1. Boundary where two tectonic plates are moving toward each other, often causing one plate to slide below the other.

3. The name of the thicker crust that is made mostly of rocks with a composition similar to granite that underlines the continents.

4. An ancient super-continent containing all the earth's landmass.

6. The layer of the Earth between the crust and the core.

7. The heat transfer function of C ____ C ____ drives the earth's ocean currents

8. A process where two sections of the Earth's crust collide, one slab of crust can be forced underneath the other.

10. The layer in between the upper mantle and outer core of the earth.

11. Boundary between two tectonic plates colliding together.