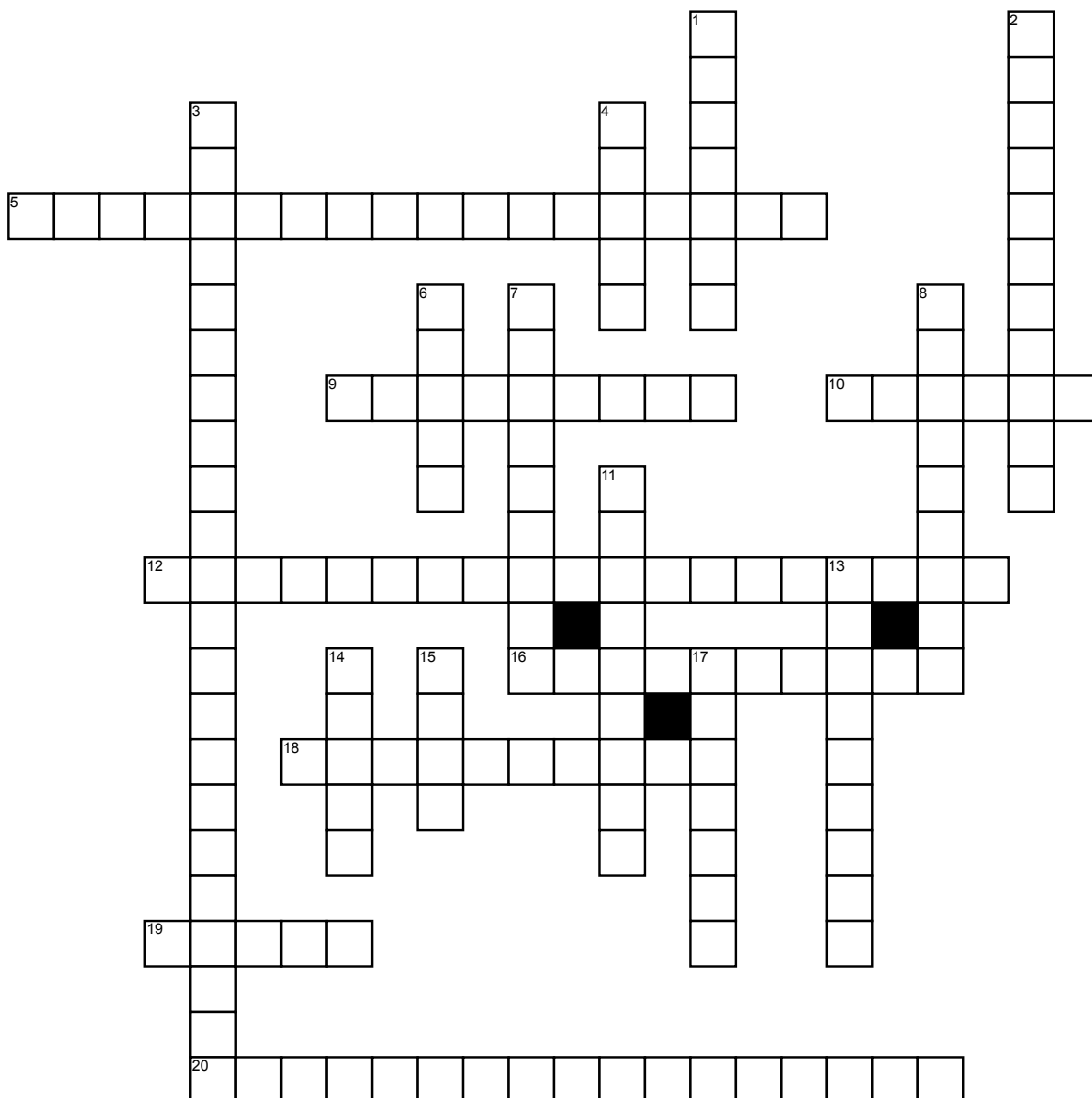


Name: _____ Date: _____ Period: _____

Earth Structure & Tectonic Plates



Across

5. Reason why tectonic plates move.

9. A result of continental convergent

10. A Supercontinent that existed 225 million years ago

12. what causes a deep sea trenches

16. Shaking and vibration at the surface of the earth resulting from underground movement along a fault plane or from volcanic activity

18. Plates are colliding

19. Molten, liquid rock material found underground.

20. The process that creates new sea floor as plates move away from each other at the mid-ocean ridges

Down

1. Came up with the continental drift theory

2. Oceanic and continental crust are part of the

3. Theory that earth is divided into pieces or plates that move as a result of convection in the asthenosphere.

4. How many layers does the earth have

6. Earth's outermost layer

7. A layer of molten iron and nickel that surrounds the inner core of Earth

8. A dense sphere of solid iron and nickel at the center of the earth.

11. Plates are dividing

13. Plates are sliding past one another

14. What did Wegener not have to make people believe his theory

15. Magma that reaches Earth's surface

17. An area where magma from deep within the mantle melts through the crust above it