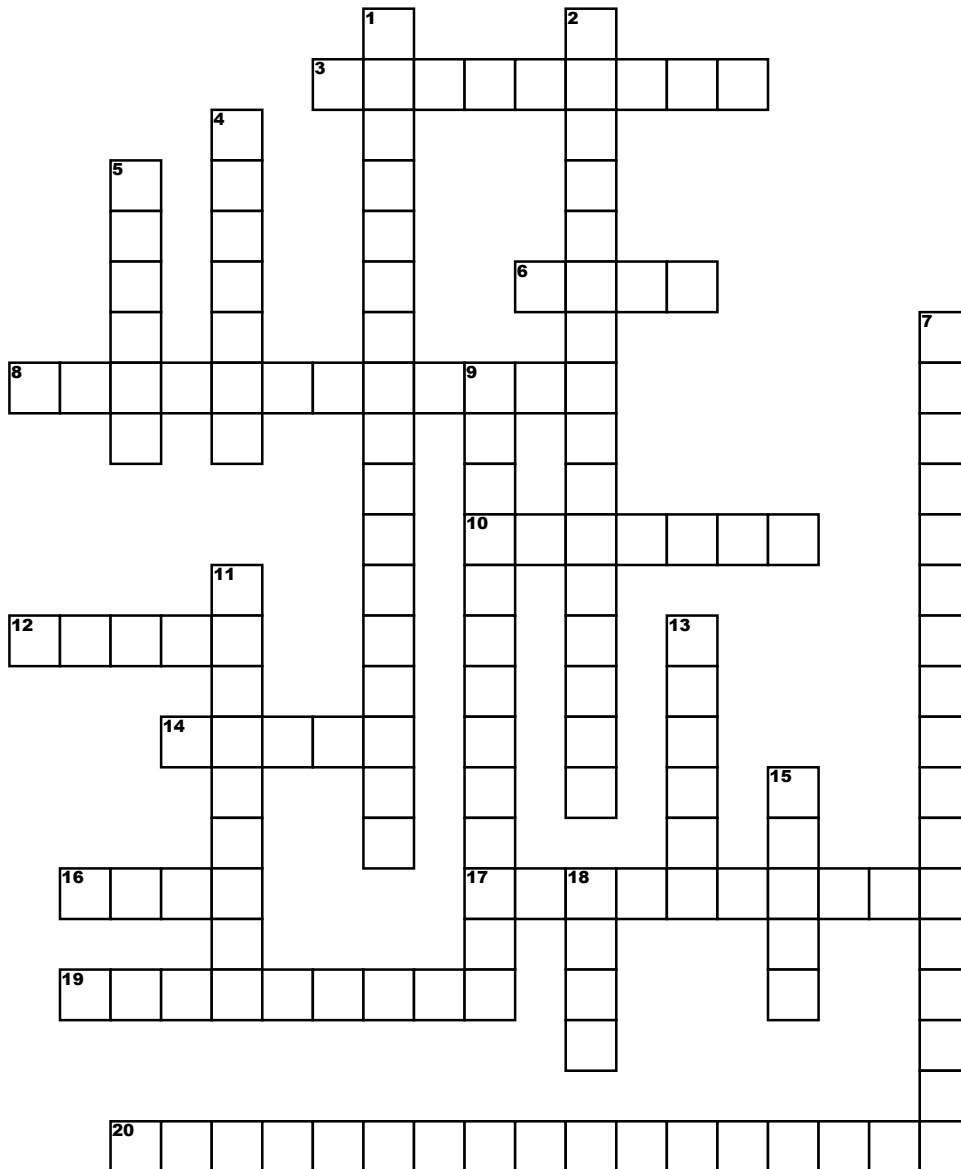


Name: _____

Date: _____

Earth Science



Across

3. older crust is pushed below new ocean crust and squeezes the plates sideways

6. the center of earth

8. mountains formed by crust crumpling upwards as a plate collide

10. isolated place away from plate boundaries where a lot of hot magma is collecting

12. the place below ground where an earthquake starts

14. molten rock below Earth's surface

16. molten rock that has erupted on the Earth's surface

17. the rapid movement of the ground, usually back and forth and up and down in a wave motion; due to the movement of tectonic plates

19. the point on earth's surface directly above the focus of an earthquake

20. patterns of magnetism trapped in rocks on each side of plate boundaries

Down

1. where plates are moving apart from each other in opposite directions

2. a receiver and computer that can detect signals and calculate positions on Earth's surface

4. a huge wave in the ocean caused by an earthquake occurring on the sea floor

5. layer beneath Earth's crust

7. the process of new crust forming at the ocean ridges and spreading outwards

9. a layer of 'plastic' semi-solid rock in the lower mantle on which earths' tectonic plates move

11. a chain of islands formed at the edge of colliding tectonic plates where one plate subducts

13. a depression in the ocean floor

15. Earth's outermost solid layer

18. a zone where Earth's crust and mantle are being pulled apart