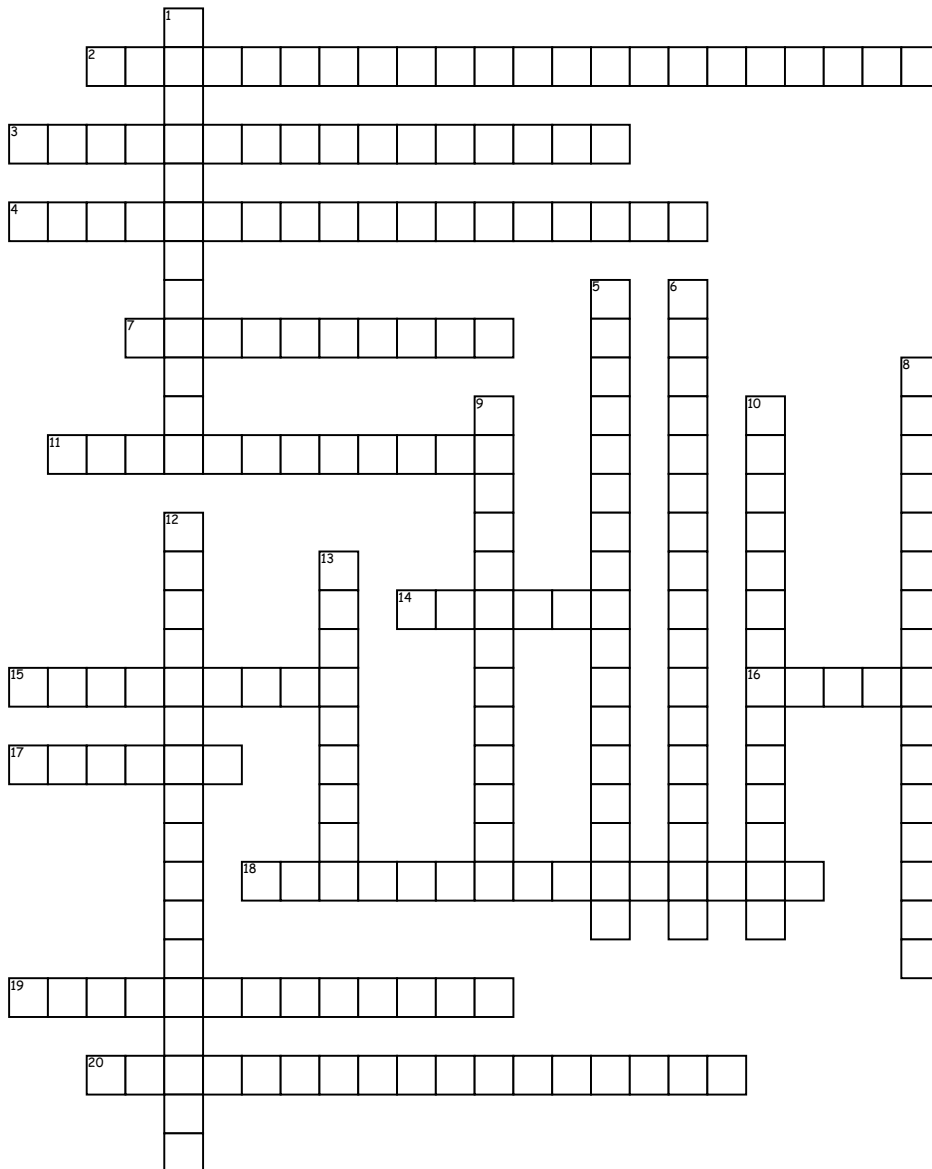


Name: _____

Date: _____

Earth Interior and plate tectonics



Across

2. A lithospheric plate boundary where two plates slide by each other
 3. A long chain of underwater mountains
 4. A lithospheric plate where two plates com together
 7. A process that involves a lithospheric plate sinking into mantle
 11. Vibration that travel through earth and are caused by events like earthquake or human made blast
 14. 3rd layer(inside to outside)
 15. 2nd inner layer
 16. Most outer layer

17. An ancient huge landmass composed of earlier formed today's continent

18. A valley in the deep ocean created when one lithospheric plate subducts under another

19. Thin lithospheric plates that are made of basalt and from the ocean floor denser than the continental plates

20. A hypothesis that new sea floor is created and the mid ocean ridge and that in process, the continent are pushed apart from each other

Down

1. Heated lowered mantle rock that rises toward the lithosphere

5. Large pieces of earth's lithosphere move over the asthenosphere

6. Thick lithospheric plates that are made of andesite and granite and from continents less dense than oceanic plates

8. The idea that continent move around Earth's surface

9. The lower part of the upper mantle;lithospheric plates slides on this layer

10. A theory explaining how the pieces of Earth's surface move

12. A lithospheric plate boundary where two plates move apart

13. 1st inner layer