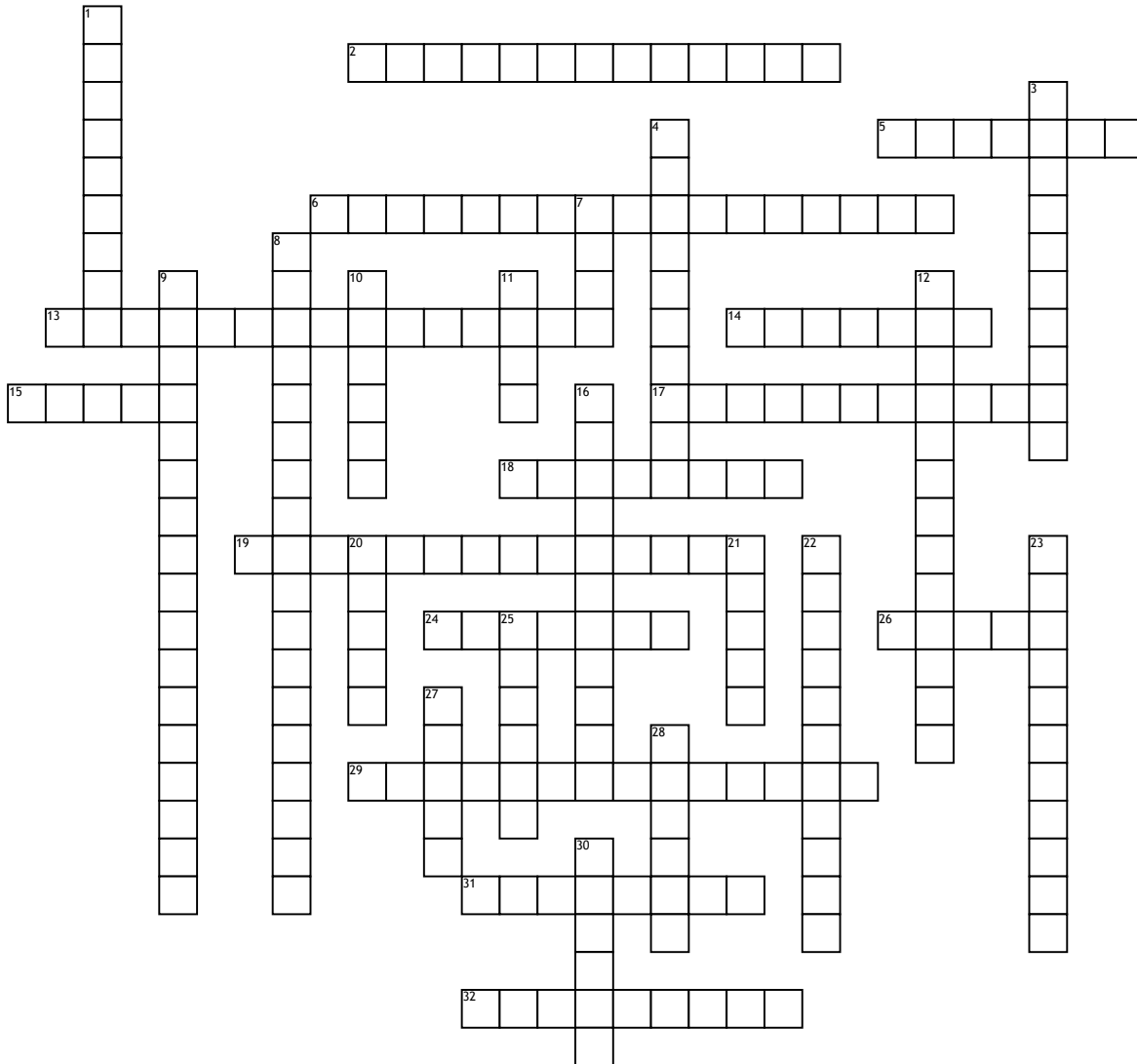


Name: _____

Date: _____

Chapter 22 Vocab



Across

2. An igneous rock that forms at Earth's surface
 5. A large sea wave generated by an underwater earthquake, volcano, or landslide
 6. A boundary at which tectonic plates slide past each other in different directions
 13. Rocks that form over time as sediment is squeezed and cemented together
 14. A mountain that forms when magma reaches the surface
 15. Primary waves caused by earthquakes
 17. Rock that forms from magma or lava
 18. The resistance of a mineral to scratching
 19. The principle that geologic processes operate the same as in the past

24. A huge depression at the top of a volcano created when the central vent and magma chamber collapse after an eruption
 26. The rocky outer layer of the Earth
 29. The theory that pieces of Earth's lithosphere move about slowly
 31. A mineral's tendency to split along well-defined planes
 32. Scientists who study Earth

Down

1. A series of processes in which rocks continuously change from one type to another
 3. A movement of Earth's crust that occurs when rocks in the crust suddenly shift
 4. The process by which oceanic crust sinks into the mantle
 7. A solid combination of rock or other minerals
 8. A boundary at which tectonic plates collide

9. A boundary at which tectonic plates move away from each other
 10. An ancient supercontinent formed about 300 million years ago
 11. The dense sphere at Earth's center
 12. An igneous rock that forms underground from hardened magma
 16. A wave that travels along the surface
 20. A break in Earth's crust
 21. A mixture of molten rock and gases
 22. Vibrations that carry the energy released during an earthquake
 23. Rock that has been changed by temperature, pressure, or hot water
 25. The way a mineral's surface reflects light
 27. Secondary waves
 28. The color of a mineral's powder
 30. A thick layer of hot but solid rock beneath Earth's crust