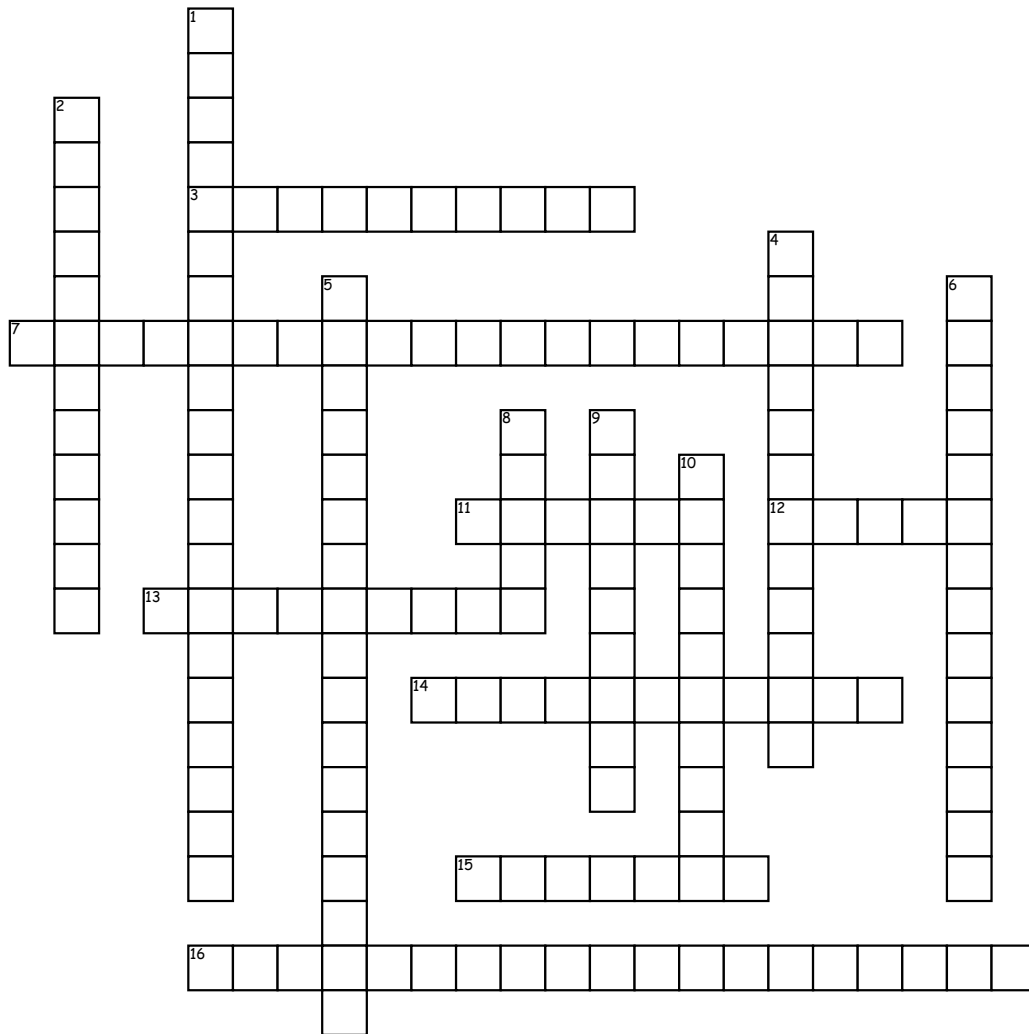


Name: _____ Date: _____ Period: _____

Layers of Plate Tectonics



Across

3. vibrations caused by breaking rocks along faults
7. Plates crash into each other
11. largest layer inside Earth
12. Earth's outermost layer
13. solid center of the Earth that is made of mostly iron
14. rigid, outermost layer of Earth
15. single large landmass

16. Plates slide passed each other

Down

1. Plates crash into each other
2. plastic-like layer below the lithosphere
4. energy waves that are produced at and travel outward from the earthquake's focus
5. theory that magma from below Earth's crust is forced upward toward the surface at a mid-ocean ridge

6. theory that Earth's crust and upper mantle are broken into sections that move around on a plastic-like layer of the mantle
8. surface along which rocks break and move
9. liquid core that surrounds Earth's solid inner core
10. lower layer of the mantle that borders the liquid outer core

Word Bank

crust	lithosphere	mesosphere	plate
plate tectonics	inner core	seafloor spreading	Convergent Boundaries
Convergent Boundaries	mantle	pangaea	athenosphere
seismic waves	outer core	earthquake	Transform Boundaries