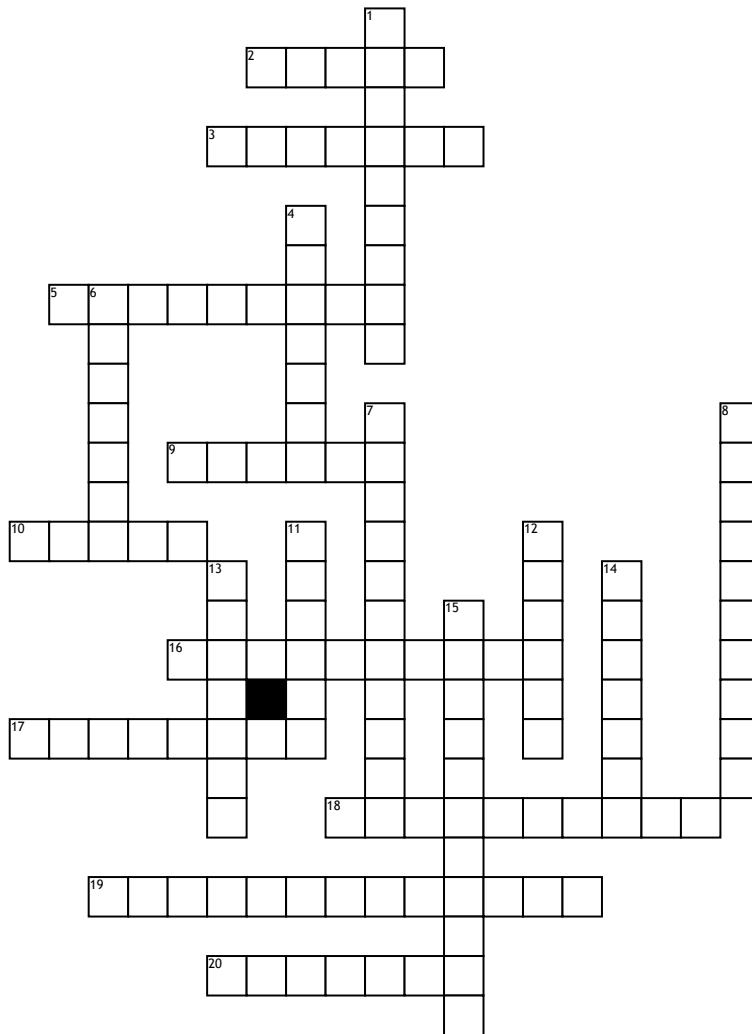


Name: _____

Date: _____

Plate Tectonics



Across

2. the outermost layer of rock of which a planet consists
 3. long high sea wave caused by an earthquake
 5. point on the earth's surface vertically above the focus of an earthquake
 9. Rocky layer located under the crust
 10. rigid pieces of the earth's lithosphere which together make up the earth's surface
 16. process in plate tectonics of the edge of one crustal plate descending below the edge of another

17. an upward movement of the earth's surface

18. branch of science concerned with earthquakes and related phenomena
 19. upper layer of the earth's mantle, below the lithosphere
 20. Created the theory of continental drift

Down

1. curved chain of volcanic islands located at a tectonic plate margin
 4. area of volcanic activity
 6. Name for the "super-continent"

7. an elastic wave in the earth produced by an earthquake or other means

8. sudden and violent shaking of the ground as a result of movements within the earth's crust or volcanic action
 11. causes rocks to undergo bending
 12. Formed when one plate bends and dives under another plate
 13. be broken by a fault or faults
 14. rupture in the Earth's crust where molten lava, hot ash, and gases from below the Earth's crust escape into the air
 15. The outer shell of Earth that extends to a depth of 100km.

Word Bank

seismic wave	subduction	epicenter	Pangaea	uplifted
asthenosphere	plate	crust	folded	earthquake
mantle	faulted	hot spot	island arc	tsunami
Wegener	Trench	Lithosphere	volcano	seismology