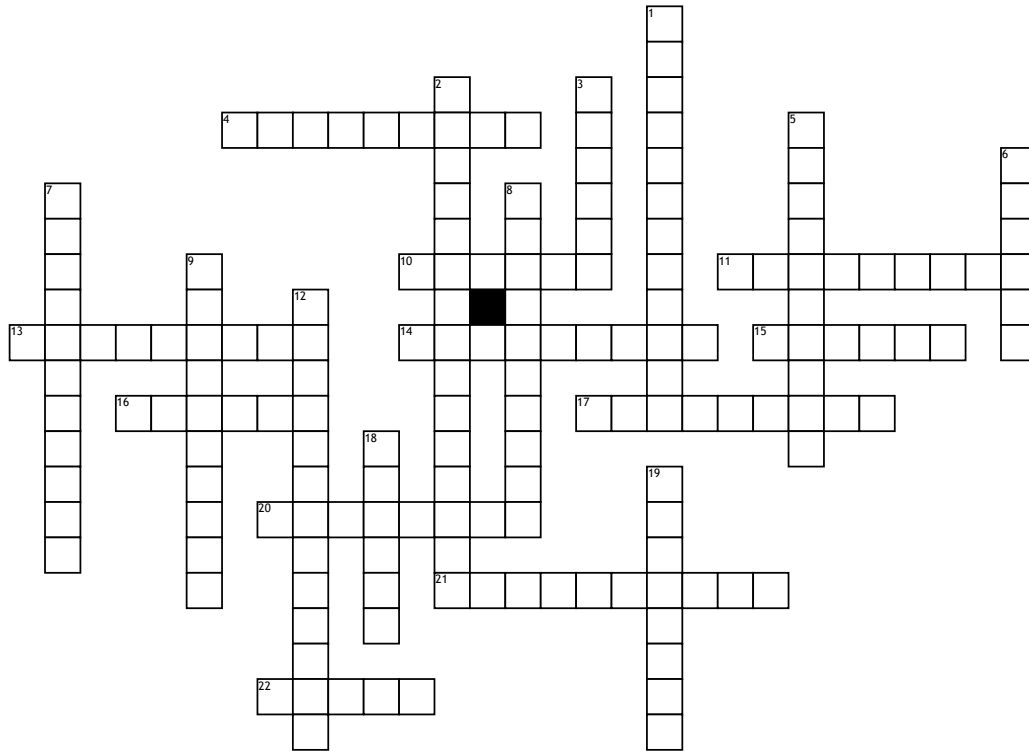


Name: _____

Plate tectonics



Across

4. where two plates slide past each other
10. a narrow ditch dug by troops to provide a place of shelter from enemy fire.
11. where two plates are moving apart
13. a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments,
14. Hot magma forced upward at mid-ocean ridges produces seafloor
15. Sections of earth's crust and part of the upper mantle are called
16. a long, narrow ditch.
17. founding fathers' of the unifying theory of plate tectonics
20. large landform that rises above the surrounding land in a limited area, usually in the form of a peak.

21. the process where the crust is pushed back into the ocean trenches
22. The hypothesis that continents move slowly is called continental

Down

1. meteorologist and geophysicist who formulated the first complete statement of the continental drift hypothesis.
2. is one that shows the physical features of the land.
3. a long, narrow ditch.
5. a large elongated depression with steep walls formed by the downward displacement of a block of the earth's surface between nearly parallel faults or fault systems.
6. Just below earth's crust is the

7. The crust and part of the upper mantle are know as the
8. The cycle of heating , rising, cooling ,and sinking is a ___ current
9. the oceanic plate pushes up and folds the continental crust on the edge of the continental plate, as the oceanic plate subducts under the continental plate - forms mountain ranges.
12. Continental plates move on the plasticlike layer of earth's surface called the
18. All continents once might have been connected in a large landmass
19. The theory that earth's crust and upper mantle are in sections that move is called plate

Word Bank

Tectonic	Transform	Alfred Wegner	Lithosphere	Harry hess
Divergent	Volcanoes	Spreading	Asthenosphere	Pangea
Convergent	Plates	Trench	Trench	Trench
Mantle	Drift	Subduction	Rift Valley	Topographic maps
Convection	Mountain			