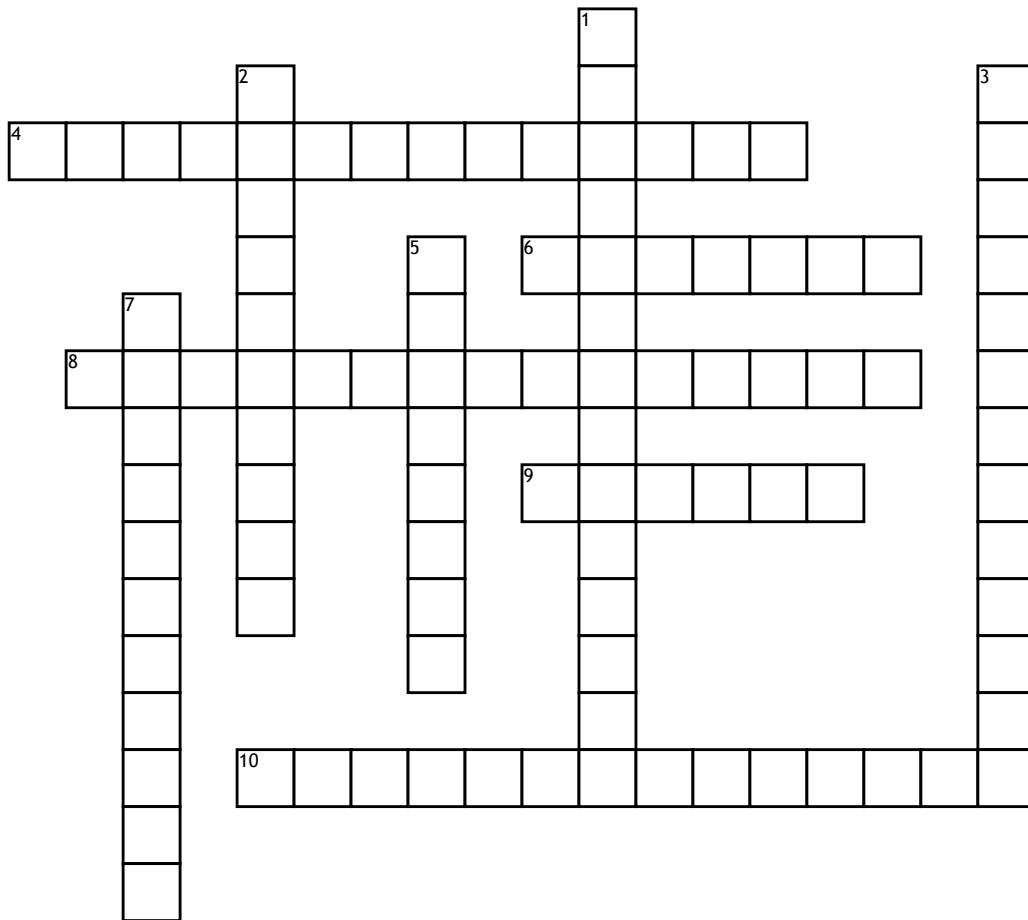


Tectonic Plates



Across

4. system of plates made up of crust that move around the surface of Earth
6. Process when Earth's crust breaks apart.
8. plate boundary where the plates are moving apart
9. pieces of the lithosphere that are composed of a rigid layer of the uppermost mantle and a layer of oceanic or continental crust, or both
10. place where two plates converge and one's edge moves below the other

Down

1. hypothesis that states that all of the continents were once part of Pangaea and drifted across the Earth over time on tectonic plates
2. Wearing away of rock due to wave action
3. A long under sea chain that has a steep narrow valley at its center
5. Deepest part of the oceans
7. layer that consists of the crust and the uppermost mantle

Word Bank

Plates

Mid ocean ridge

Continual drift

Lithosphere

Rifting

Diverge boundary

Trenches

Subduction zone

Plate tectonics

Weathering