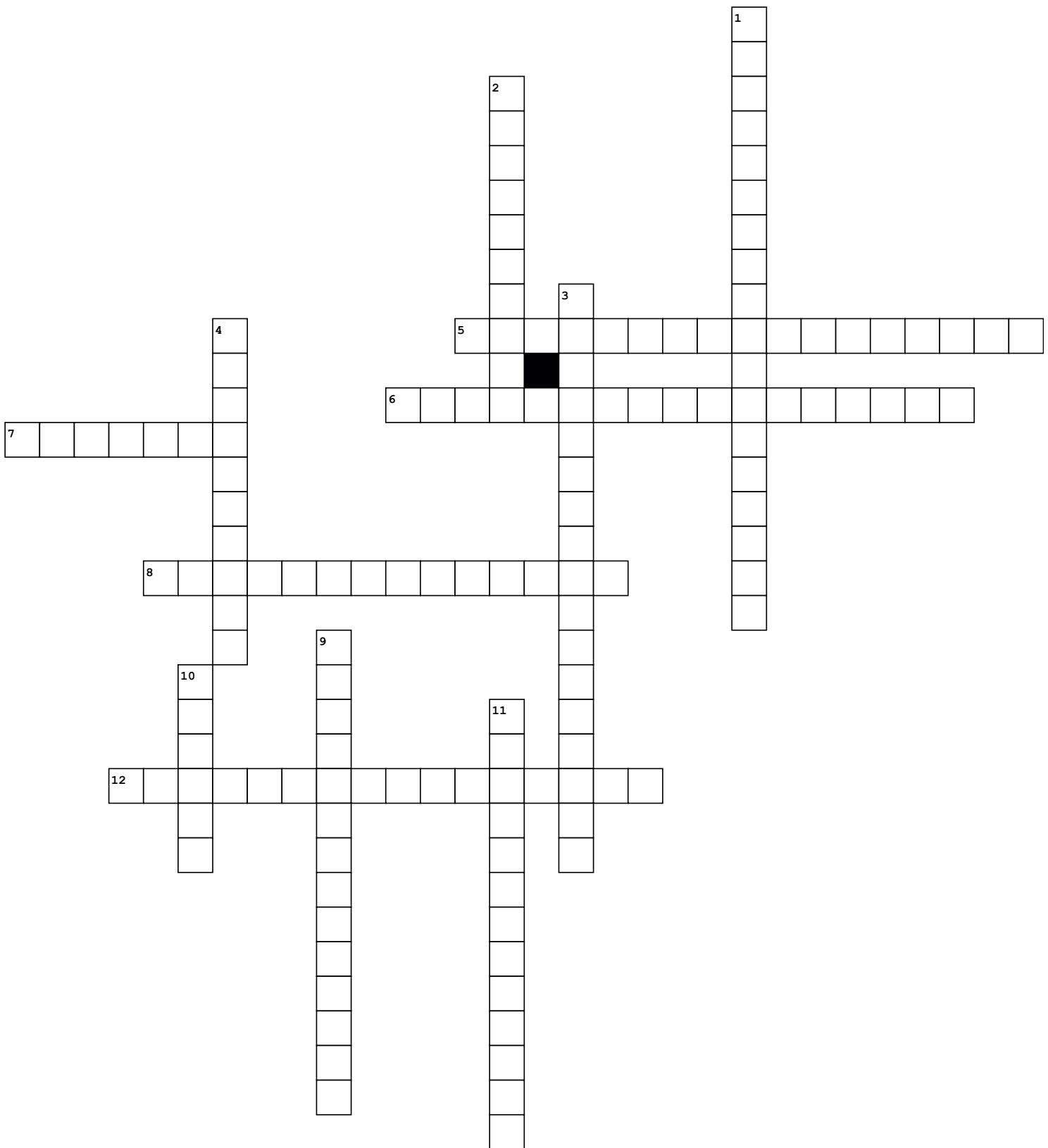


# Plate Tectonics Vocabulary



Across

Down

5. When two tectonic plates move away from each other, it is called?
6. What type of boundary is this: two tectonic plates slide past each other.
7. When magma rises through the lithosphere to the bottom of the ocean and forms a undersea volcano which eventually rises to the surface of the Earth, creating a volcanic island.
8. Conventional currents flow in the mantle, and a product of this is Earth's magnetic field. What is this idea called?
12. The idea that the continents moved (and still are moving) away from one another slowly.
1. What is it called when two tectonic plates run head on and one goes beneath the other.
2. When one edge of a tectonic plate goes beneath another, sinking into the mantle.
3. The process in which magma rises, cools, and moves along the ocean floor. The newest rock being right by the mid-ocean ridge, and the rock becoming older as you go farther from the mid-ocean ridge.
4. Something which is formed when Earth's lithosphere pulls apart.
9. The idea that the lithosphere is split up into large, moving plates (consisting of both continental and oceanic crust).
10. This is formed where one tectonic plate goes under another. They are also the deepest parts of the ocean.
11. A chain of underwater volcanoes that forms when two plates move away from each other.