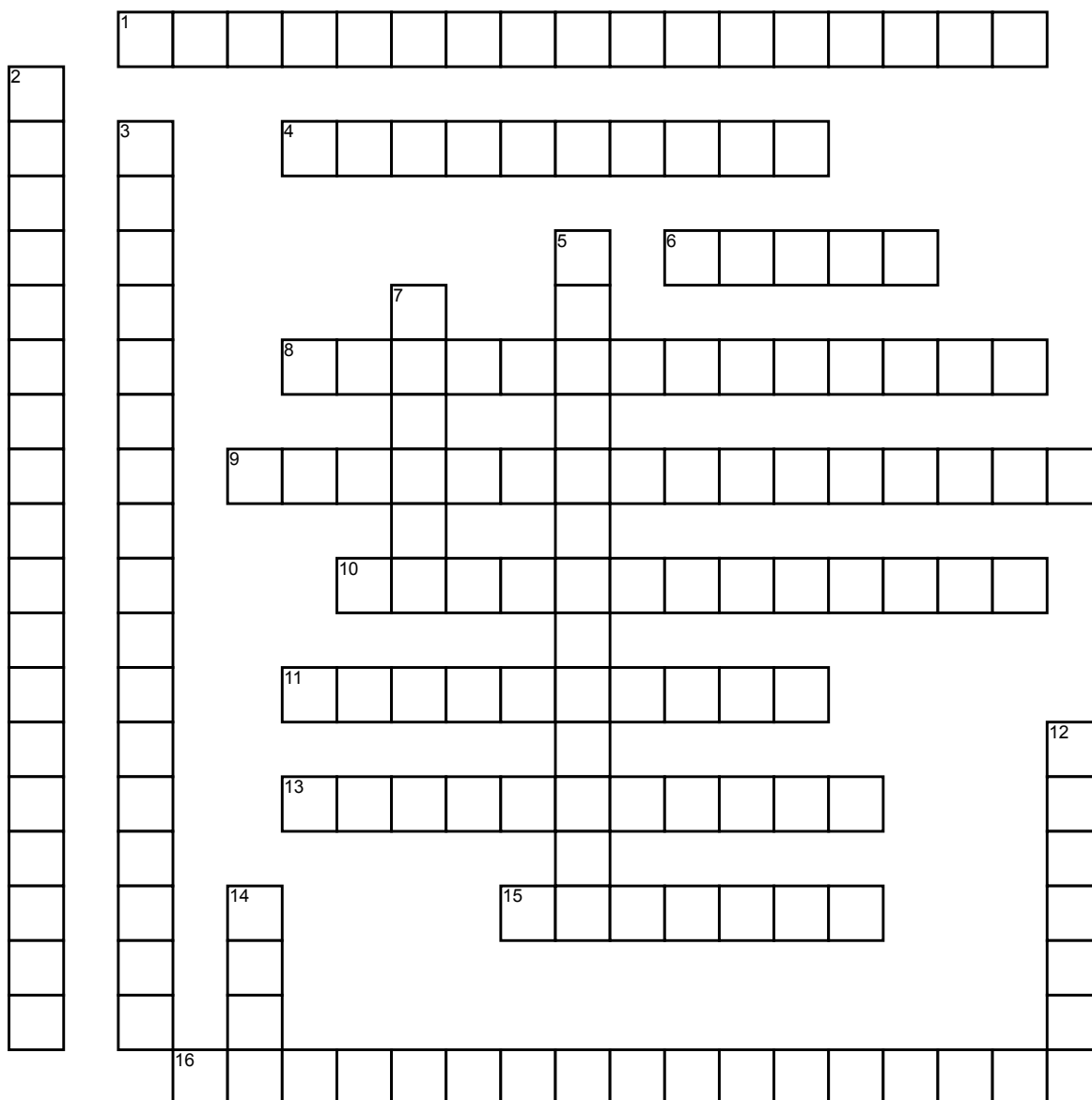


Plate Tectonics Vocab Crossword



Across

1. the boundary between tectonic plates that are sliding past each other horizontally
4. the solid, outer layer of the earth that consists of the crust and the rigid upper part of the mantle
6. the thin and solid outermost layer of earth
8. the theory that explains how large pieces of the Earth's outermost layer, called tectonic plates, move and change shape
9. the hypothesis that states that the continents once formed a single landmass, broke up, and drifted to their present locations

10. a block of lithosphere that consists of the crust and the rigid, outermost part of the mantle
11. the strong, lower part of the mantle between the asthenosphere and the outer core
13. stress that occurs when forces act to squeeze an object
15. stress that occurs when forces act to stretch an object
16. the process by which new oceanic lithosphere forms as magma rises towards the surface and solidifies

Down

2. the boundary formed by the collision of two lithospheric

3. the boundary between two tectonic plates that are moving away from each other
5. the soft layer of the mantle on which the tectonic plates move
7. the layer of rock between the crust and core
12. the bending of rock layers due to stress
14. the central part of the Earth below the mantle