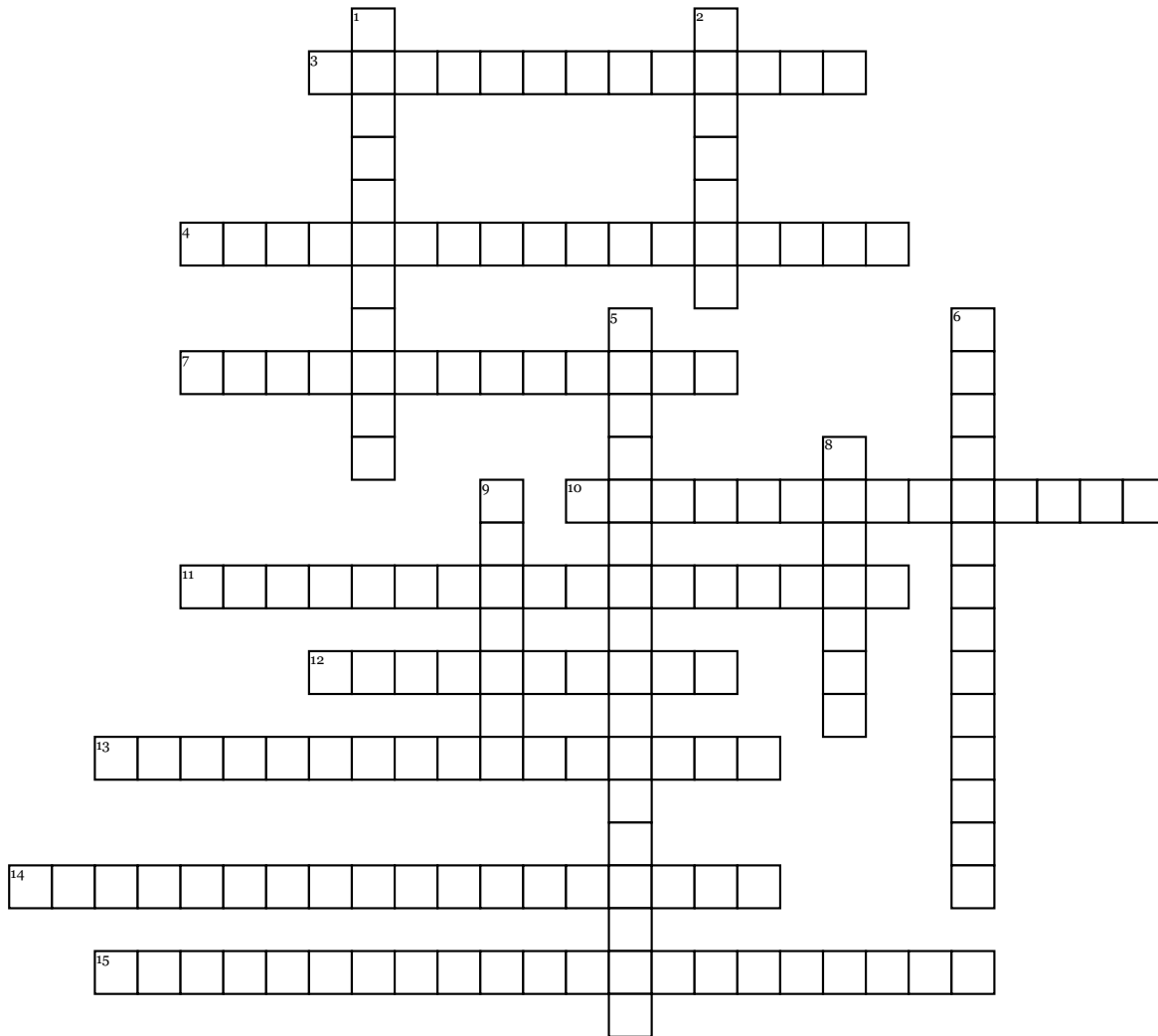


Name: _____

Date: _____

Plate tectonics



Across

- 3.** A long under sea mountain chain with a steep narrow valley at its center
- 4.** Boundary between tectonic plates that are sliding past each other
- 7.** The solid plastic layer of the mantle beneath the lithosphere made of mantle rock
- 10.** The theory that explains how large pieces of the lithosphere
- 11.** Boundary between tectonic plates that are moving away from each other

- 12.** The single large ocean that covered earths surface during the time the supercontinent Pangaea existed
- 13.** What was the name of Alfred wegeners hypothesis that states that the states once formed as a single land mass
- 14.** Boundary between tectonic plates that are colliding
- 15.** The process by which supercontinents form and break apart over millions of years

Down

- 1.** The solid outer layer of earth that consist of the crust and the ridgid upper part of the mantle
- 2.** The process by which earths crust breaks apart
- 5.** Process by which a new oceanic lithosphere forms as magma rises
- 6.** The study of the alignment of magnetic minerals in rock
- 8.** A piece of lithosphere that has a unique geological history
- 9.** The supercontinent that formed 300 million years ago