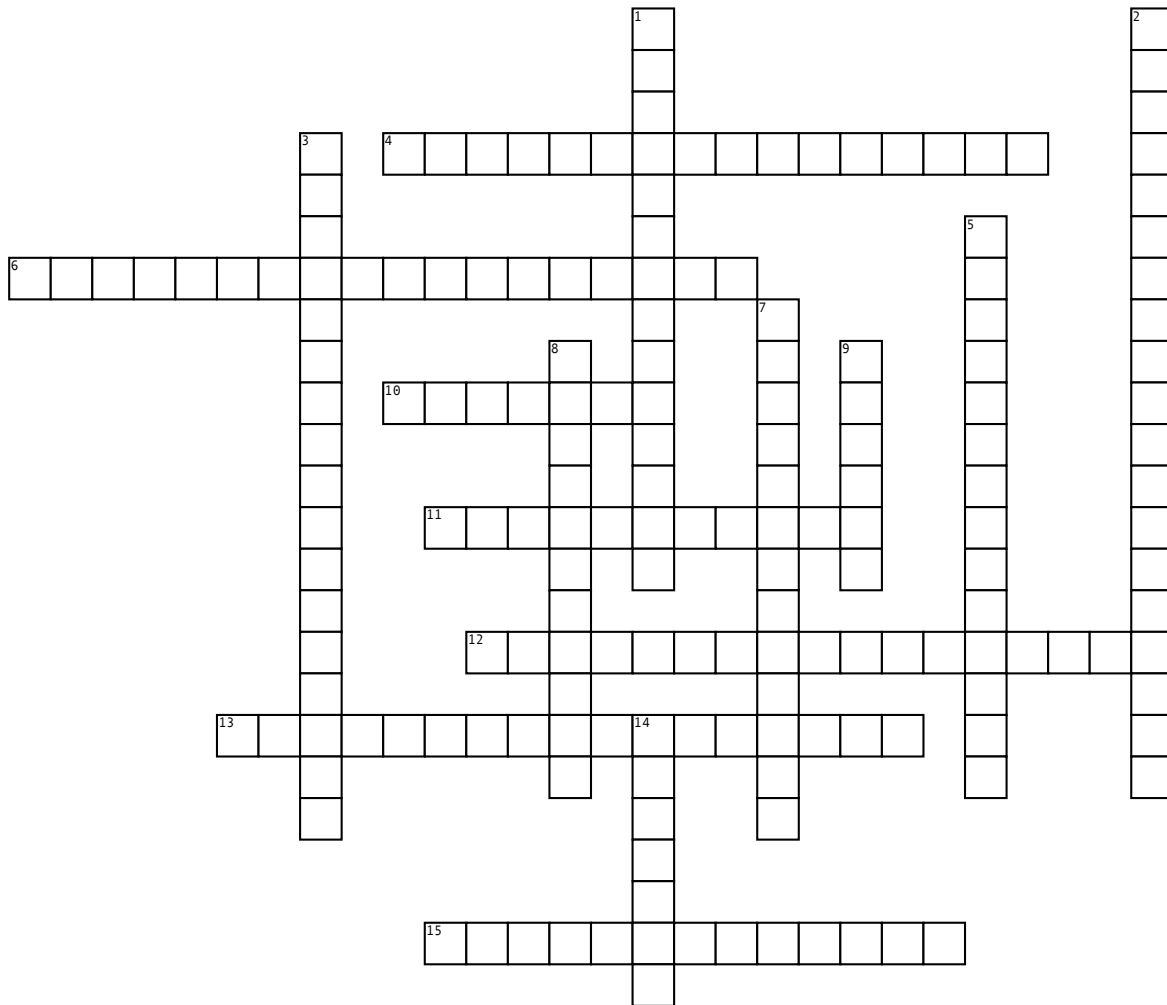


Name: _____

Alfred Wegner



Across

4. The Hypothesis that Alfred Wegner thought of.
6. The boundary between tectonic plates that are colliding
10. A piece of the lithosphere that has a unique geologic history
11. The solid outer layer of Earth that consists of the crust and the rigid
12. The boundary between tectonic plates that are sliding past each other horizontally
13. The process by which new oceanic floor forms

15. The solid plastic layer of the mantle beneath the lithosphere

Down

1. The study of the alignment of magnetic mineral rock
2. The process by which supercontinent form and break apart over million years
3. The boundary between tectonic plates that are moving away from each other
5. The theory that explains how large pieces of the lithosphere

7. A long undersea mountain chain that has a steep narrow valley at its center that forms magma rises from the asthenosphere and that creates new oceanic lithosphere as tectonic plates move
8. The single large ocean that covered the earth's surface during the time the supercontinent
9. The supercontinent that formed 300 million years ago
14. The process by which Earth crust breaks apart