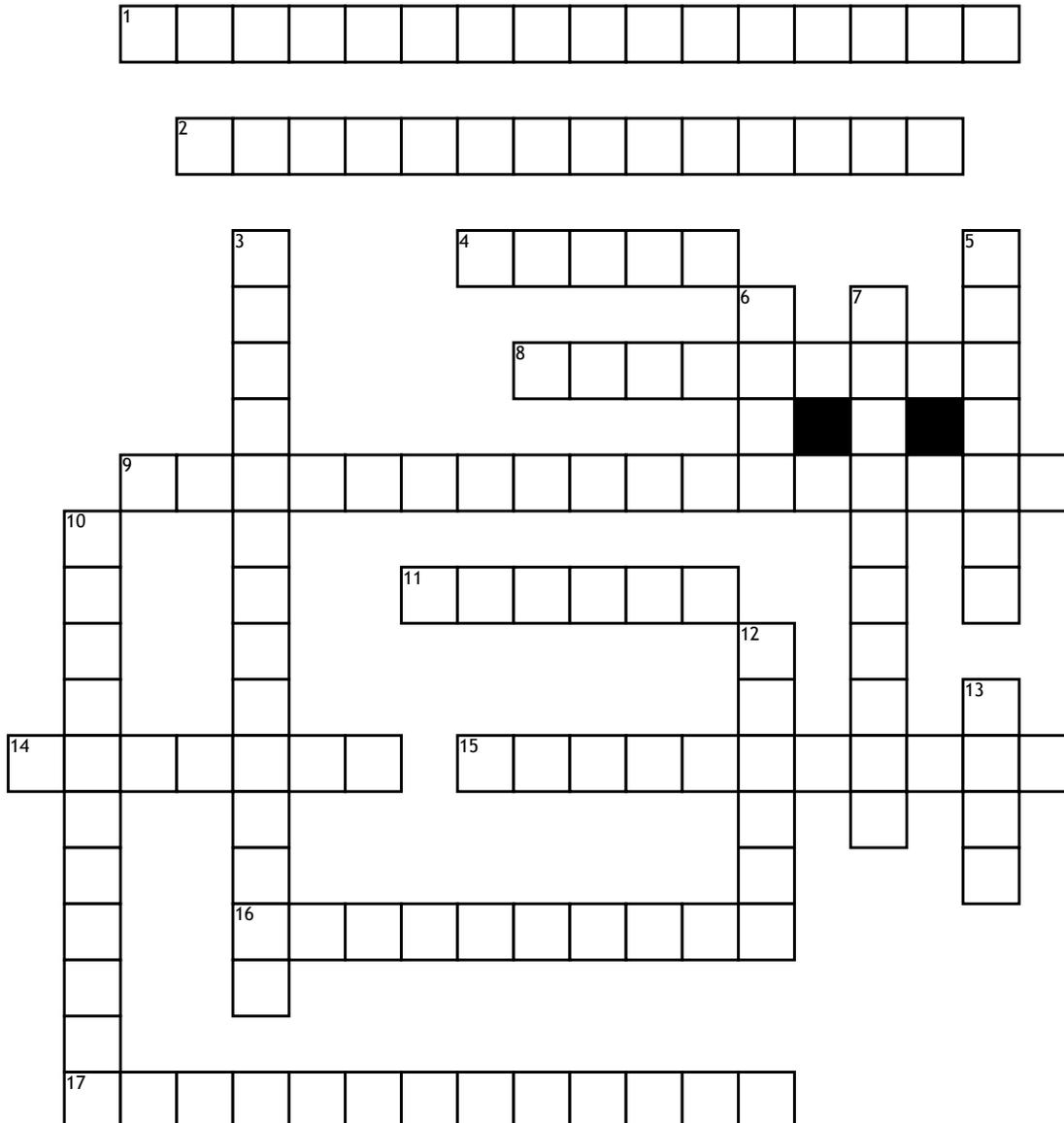


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Plate Tectonics, Earthquakes, and Volcanoes



## Across

1. fast flowing clouds of hot ash and volcanic glass rolling down the mountainside
2. the two sub-layers of the earth's crust that float causing continental drift, earthquakes, volcanoes, mountains, and oceanic trenches.
4. hot fluid that is under the Earth's surface
8. Explosive eruptions followed by outpourings of lava. (the big ones)

9. when two oceanic plates pull apart, magma rises and new crust is formed
11. Type of volcano that is almost entirely made of magma and lava
14. A mountain that forms when magma is forced to the Earth's surface.
15. earth's crust made of land
16. a sudden and violent shaking of the Earth as a result of movements within the earth's crust
17. the composition of the magma determines its what of the volcano?

## Down

3. Volcanic gases can block out the sunlight causing what?
5. earth's crust located under the ocean
6. part of the Earth's Composition that is made of iron and nickel
7. Small volcanoes made from ash and rocks.
10. technical name for crust and upper mantle
12. the part of the Earth that contains most of Earth's mass
13. hot molten rock above the Earth's surface