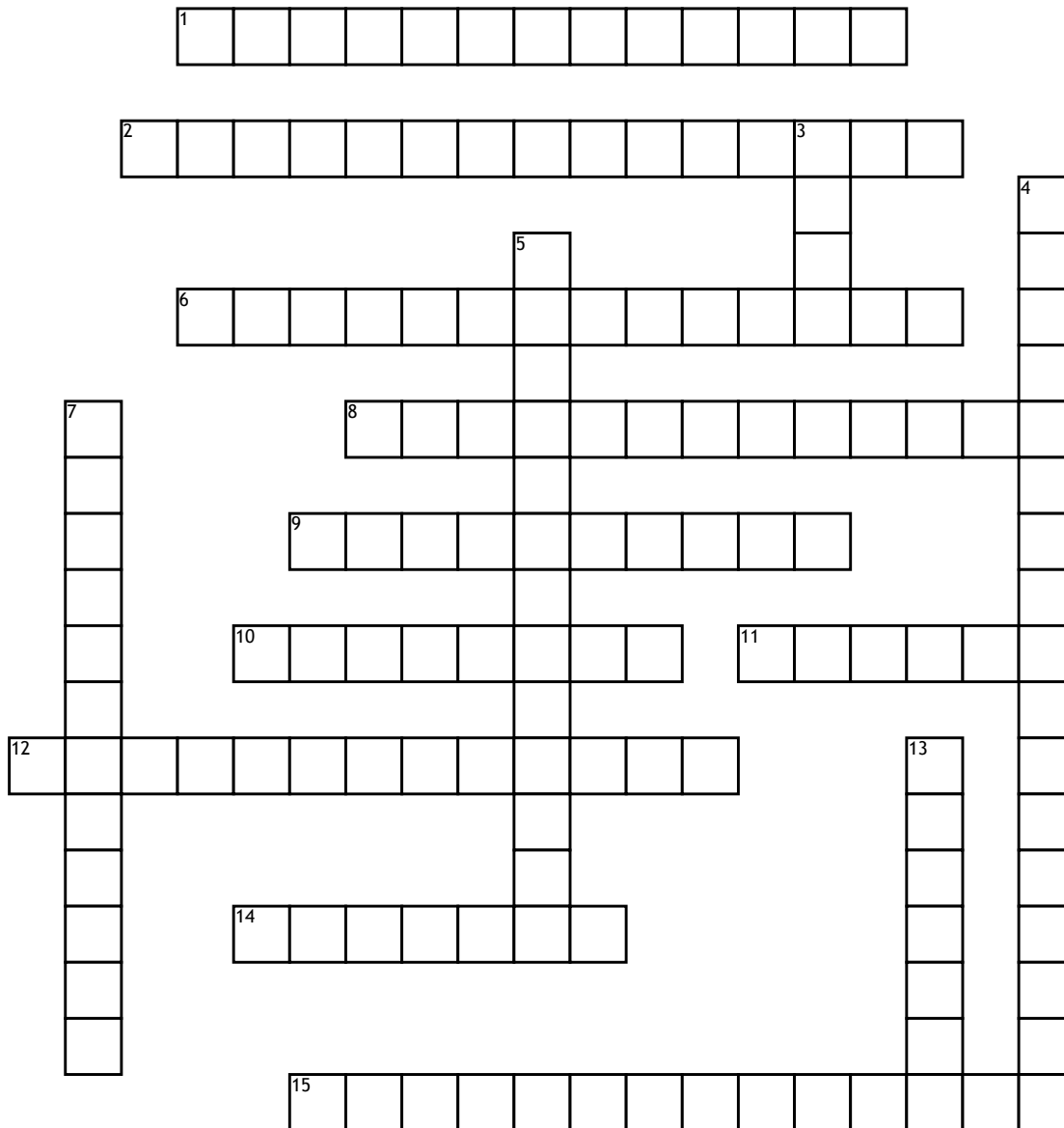


Volcanoes



Across

1. a volcano that has erupted at least once within the past 10,000 years

2. a fast-moving cloud of heated gas and rock fragments, this heated gas cloud can reach speeds of over 450 miles per hour and temperatures of around 1000° C

6. a volcano that has not erupted in 10,000 or more years

8. magma in the conduit will find its way to the surface though another fissure rather than through the main vent, especially if it is a very active volcano, this secondary path is called

9. where majority of Earth's volcanoes are located, follows the margins of the Pacific plate

10. if only gas and smoke are released from this vent, it is called a

11. magma that cools before it reaches the surface will form a

12. wide, with a gentle slope that forms from basaltic lava

14. viscosity of magma is determined by its temperature and _____ content

15. an active volcano that is not currently erupting

Down

3. when magma reaches the vent, it becomes known as

4. relatively small, and it is primarily built from the pyroclastic material ejected from a single eruption

5. built from both lava flows, as well as the collection of pyroclastic material from previous eruptions

7. large underground area of magma, this molten rock is held under the surface of the Earth and subjected to large amounts of pressure

13. crater reaches a size of more than 50 kilometers in diameter, it is known as a