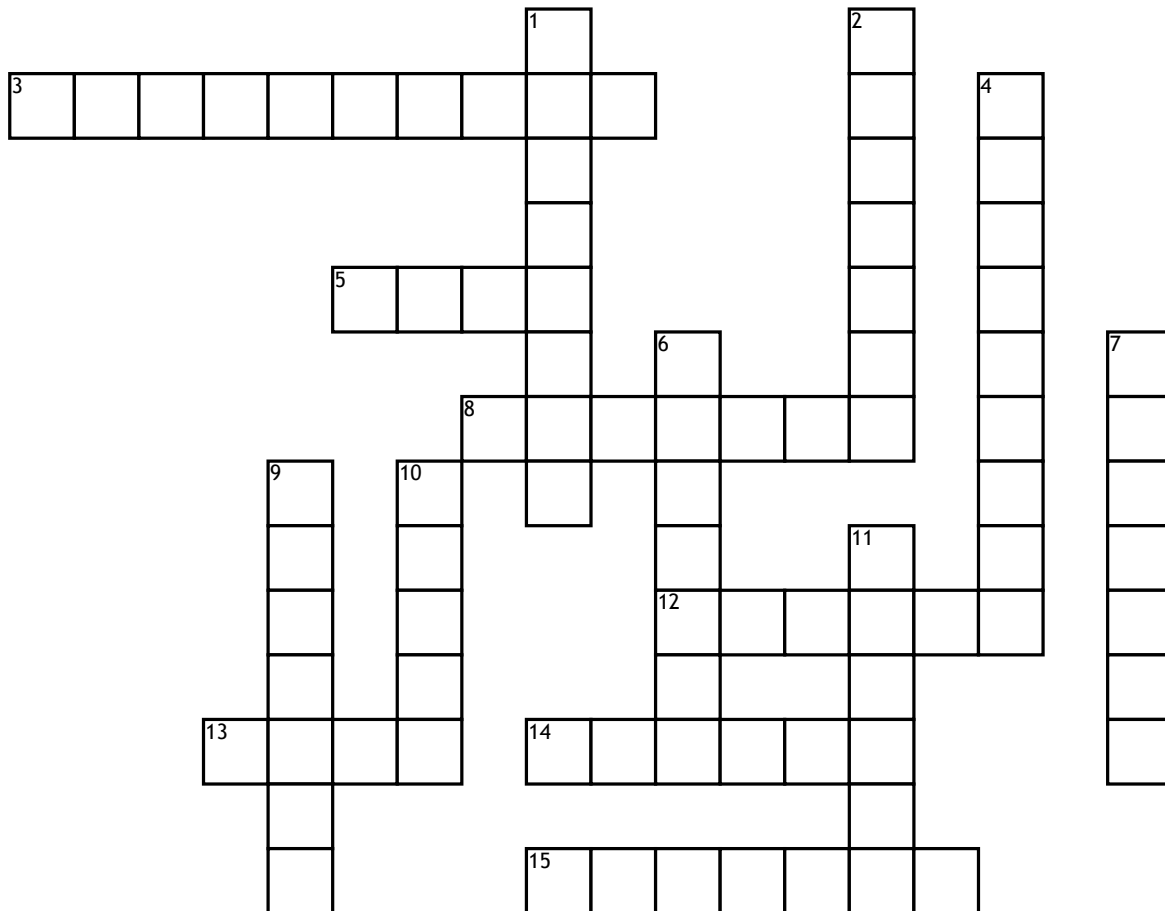


# Volcano Blast



## Across

3. regions of mountain building earthquakes and volcanos which surround the Pacific Ocean

5. opening at the earth's surface through which volcanic materials issue forth

8. an area of the Earth's mantle from which hot plumes rise upward, forming volcanoes on the overlying crust.

12. volcano that is erupting, also a volcano that is not presently erupting but that has erupted within historical time and is likely to erupt again in the future

13. magma which has reached the surface through a volcanic eruption

14. gently sloping volcano in the shape of a flattened dome and built almost all by lava flow

15. basin shaped volcanic depression; at least a mile in diameter typically formed by the subsidence of volcanoes

## Down

1. process by which solid, liquid, and gaseous materials are ejected into the earth's atmosphere and earth's surface by volcanic activity

2. a volcano that is not presently erupting and is not likely to do so for a very long time in the future

4. steep volcanic cone built by both lava and pyroclastic eruptions

6. unusually large sea wave caused by a submarine earthquake or volcanic eruption

7. a vent in the surface of the earth through which magma and associated gases and ash erupt

9. volcano that is presently inactive but which may erupt again

10. molten rock beneath the surface of the earth.

11. volcanic cone built entirely of loose fragmented material