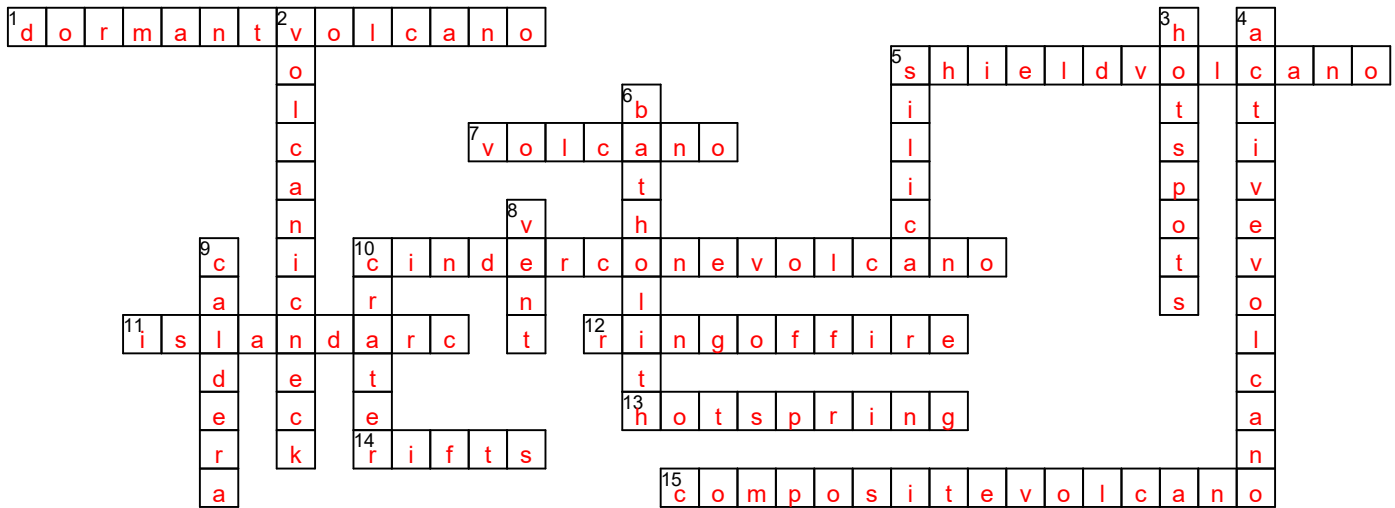


Volcanoes Crossword Puzzle

1. Using the Across and Down clues, write the correct words in the numbered grid below.



ACROSS

1. A volcano that has not erupted for a long time, but may erupt again one day.
5. Broad volcano with gently sloping sides built by nonexplosive eruptions of basaltic lava that accumulates in layers.
7. A fissure in the earth's crust through which molten lava and gases erupt.
10. A steep, cone-shaped hill or small mountain made of volcanic ash, cinders, and bombs piled up around a volcano's opening.
11. A string of islands formed by the volcanoes along a deep-ocean trench.
12. A major belt of volcanoes that rims the Pacific Ocean.
13. A pool formed by groundwater that has risen to the surface after being heated by a nearby body of magma.
14. Deep long cracks where earth's plates separate.
15. Volcano built by alternating explosive and quiet eruptions that produce layers of tephra and lava; found mostly where Earth's plates come together and one plate sinks below the other.

hot spots
composite volcano
crater
shield volcano
volcano

dormant volcano
caldera
silica
hot spring

DOWN

2. Solid igneous core of a volcano left behind after the softer cone has been eroded.
3. Areas of volcanic activities that result from plumes of hot solid material that have risen from deep inside earth's mantle.
4. A volcano that is erupting or has shown signs that it may erupt in the near future.
5. A material found in magma that is formed from the elements oxygen and silicon; it is the primary substance of Earth's crust and mantle.
6. Largest intrusive igneous rock body that forms when magma being forced upward toward Earth's crust cools slowly and solidifies underground.
8. An opening through which molten rock and gas leave a volcano.
9. The large hole at the top of a volcano formed when the roof of a volcano's magma chamber collapses.
10. A bowl-shaped opening at the top of a volcano.

vent
Ring of Fire
cinder cone volcano
batholith

island arc
active volcano
volcanic neck
rifts