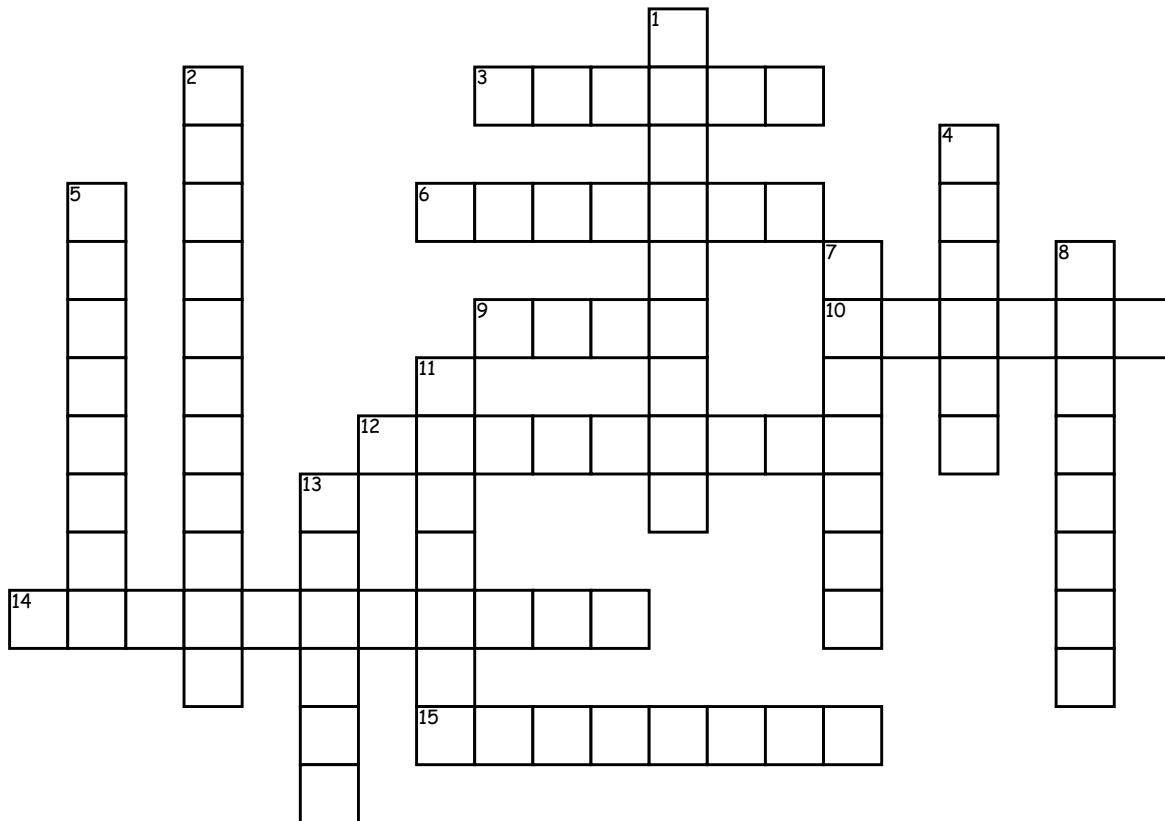


Name: \_\_\_\_\_

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

# Rock Puzzle



## Across

3. Formed by being crystallized by molten lava

6. This rock forms from the remains or fossils, of once living plants and animals

9. a sedimentary rock formed from peat

10. a coarse grained plutonic rock chemically equivalent to basalt

12. a sedimentary rock formed from clay

14. This rock is composed of minerals formed from solutions or sediments from older rock

15. This rock forms when water, usually seawater evaporates the minerals in the water become concentrated to the point that they precipitate and crystallized

## Down

1. a high grade metamorphic rock formed from basalt; also a facies of metamorphic rocks

2. This rock forms when high temperature and pressure change the texture and mineral content of rock

4. is a metamorphic rock composed of recrystallized carbonate minerals, most commonly calcite or dolomite.

5. a intermediate volcanic rock

7. This rock forms when magma or lava cool

8. Formed through metamorphism of organic material found in mineral deposits

11. Forms when sediments are buried, compacted, and cemented together

13. a metamorphic rock with a banded or foliated structure, typically coarse-grained and consisting mainly of feldspar, quartz, and mica.