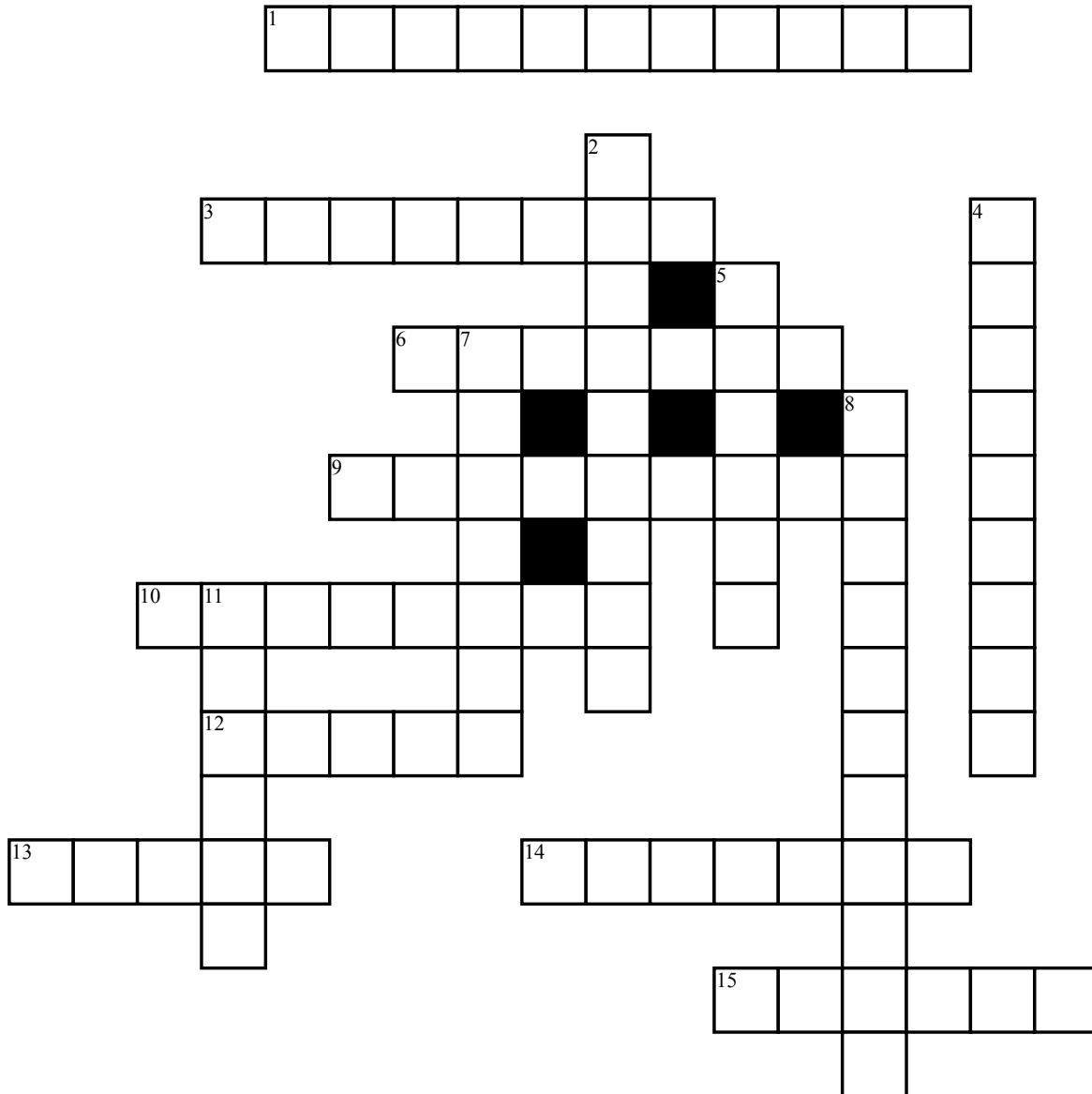


3 classes of rock



Across

- 1.** a rock that undergoes being made from heat and pressure
3. a dark gray to black dense to fine-grained igneous rock that consists of basic plagioclase, augite, and usually magnetite.
6. a rock that cools by lava and magma and turns solid
9. an extremely compact, hard, granular rock consisting essentially of quartz
10. a hard, dark, glasslike volcanic rock formed by the rapid solidification of lava without crystallization.

12. a fine-grained gray, green, or bluish metamorphic rock easily split into smooth, flat pieces.

13. soft finely stratified sedimentary rock that formed from consolidated mud or clay

14. a fine-grained metamorphic rock with a well-developed laminar structure, intermediate between slate and schist in degree of metamorphism.

15. a hard crystalline metamorphic rock of limestone white with mottlings or streaks of color

Down

2. a hard sedimentary rock that is contained with calcium, carbonate and dolomite

4. a sedimentary rock consisting of sand or quartz grains cemented together

5. a very light and porous volcanic rock formed when a gas-rich froth of glassy lava solidifies rapidly.

7. a very hard, granular, crystalline, igneous rock consisting mainly of quartz, mica, and feldspar and often used as a building stone.

8. a rock that has formed from sediment deposited by air or water

11. a dark, fine-grained volcanic rock that sometimes displays a columnar structure. It is typically composed largely of plagioclase with pyroxene and olivine.