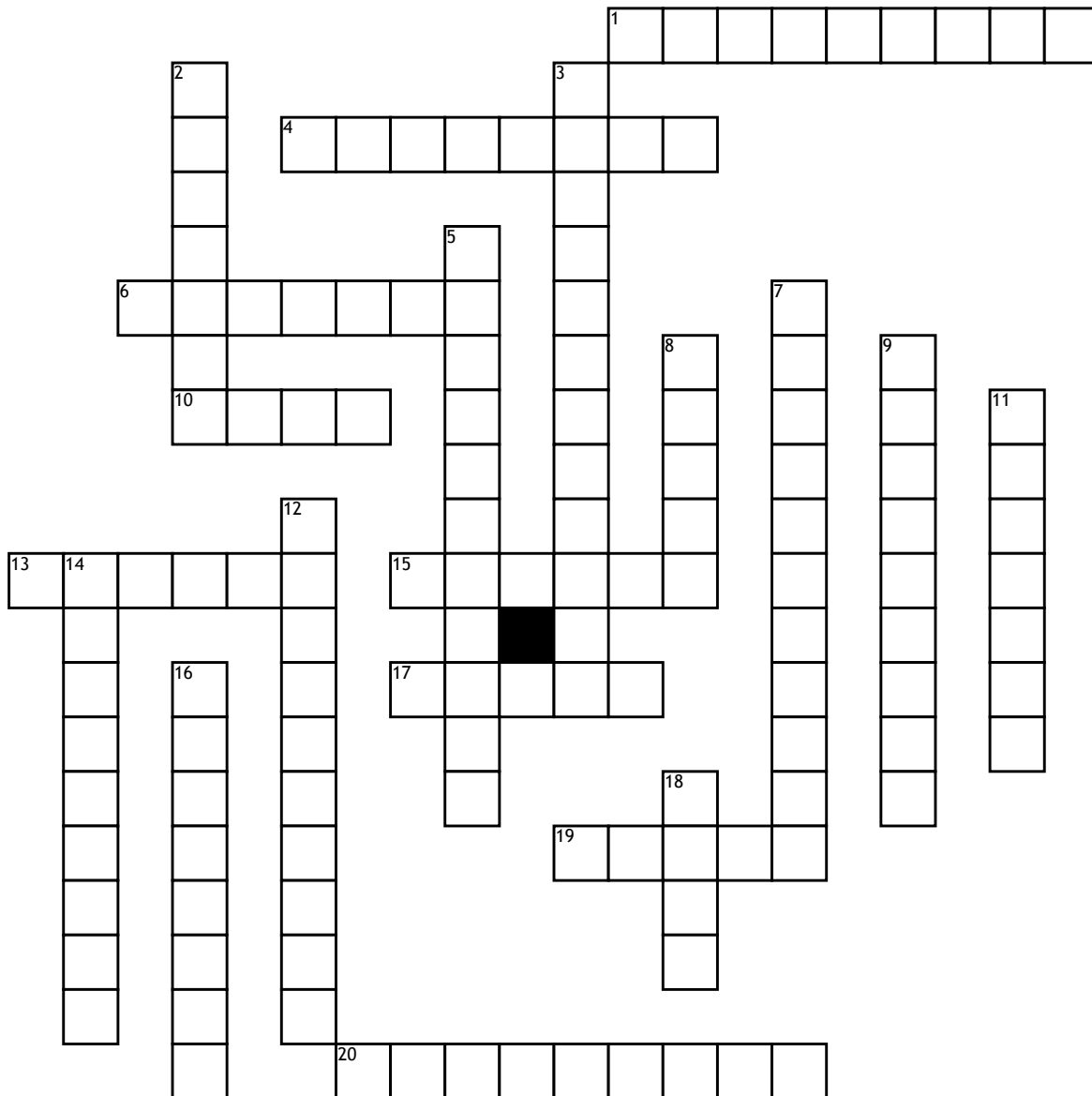


# Rocks and Minerals



## Across

1. Sedimentary rock consisting of sand or quartz grains cemented together

4. Matter that settles to the bottom of a liquid

6. A very hard, granular, crystalline, igneous rock consisting mainly of quartz.

10. Hot molten or semifluid rock erupted from a volcano

13. A hard crystalline metamorphic form of limestone, typically white.

15. A metamorphic rock with a banded or foliated structure

17. Hot fluid or semi fluid material below or within the earth's crust.

19. A hard, solid, nonmetallic mineral matter of which rock is made

20. A hard sedimentary rock, composed mainly of calcium

## Down

2. A solid inorganic substance of natural occurrence

3. The change of minerals or geologic texture in pre-existing rocks.

5. Types of rock that are formed by the deposition of material at the earth surface.

7. An aluminosilicate mineral typically occurring as fibrous masses.

8. A various colored or transparent mineral.

9. A hard, non-foliated metamorphic rock which was originally pure quartz.

11. Rocks formed through the cooling and solidification of magma or lava.

12. sedimentary rocks being exposed to extreme weather.

14. A class of rock-forming silicate or aluminosilicate minerals.

16. The continuous physical force exerted on or against an object

18. The solid mineral material forming part of the surface of the earth