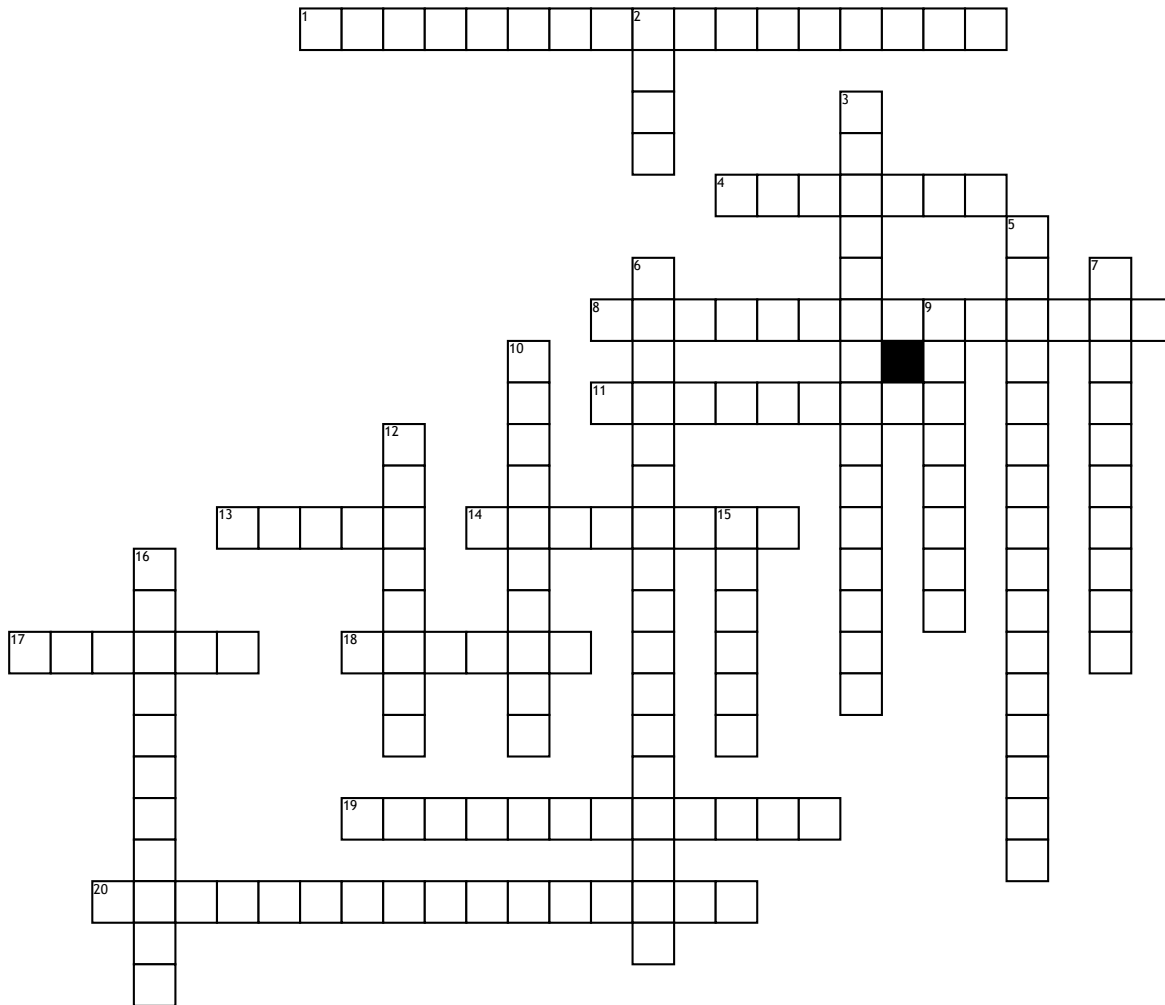


Name: \_\_\_\_\_

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

# rocks and minerals



## Across

1. composed of more than one type of mineral.
4. a naturally occurring inorganic solid, with a definite chemical composition, and an ordered atomic arrangement
8. a phase transition where a liquid turns into a solid when its temperature is lowered below its freezing point.
11. a process in which rocks are continuously transformed between the three rock types igneous, sedimentary and metamorphic.
13. is the molten or semi-molten natural material from which all igneous rocks are formed.
14. ability of a mineral to resist being scratched.

17. the second most abundant mineral in Earth's continental crust

18. quality and intensity of reflected light exhibited by the mineral

19. formed when magma have cooled down

20. are formed by the accumulation of other eroded substances

## Down

2. an aggregate of one or more minerals.

3. The ratio of the density of the mineral to the density of water.

5. are formed when rocks change their original shape and form due to intense heat or pressure.

6. composed of one type of mineral only

7. a to repetitive layering in metamorphic rocks.

9. tendency of a mineral to break evenly along its weakest plane

10. test used to determine streak of a mineral.

12. tendency of a mineral to breaks unevenly or irregularly.

15. the color it displays in finely powdered form.

16. - used to determine the hardness of the mineral through its ability to scratch another mineral.