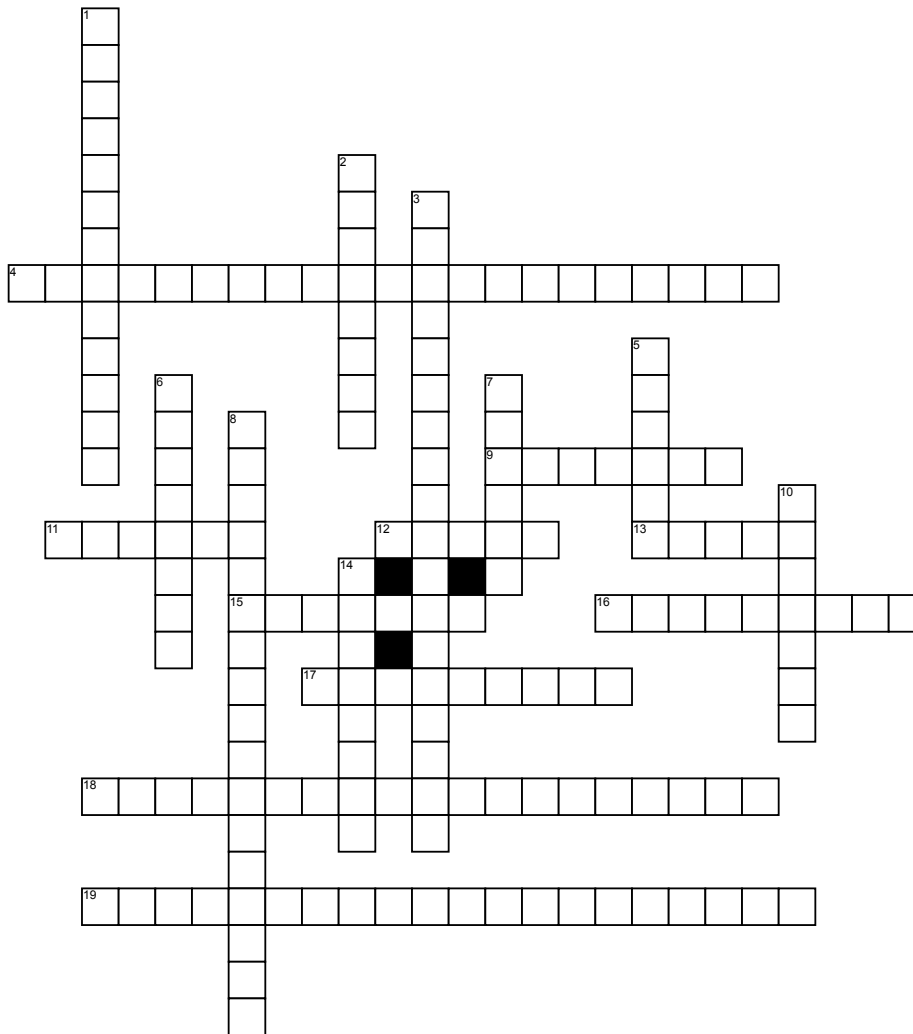


Name: _____

Date: _____

Rocks



Across

4. Magma that cools slowly beneath the earth's surface produces
 9. A fine-grained igneous rock made of mostly orthoclase feldspar, quartz crystals, and a few ferromagnesian crystals is probably
 11. One of the following mineral properties can be determined by observing, rather than doing something to a sample.
 12. An igneous rock that formed by rapid cooling will probably have crystals that are
 13. In which type of rock would you expect to find fossils?

Word Bank

gneiss
 marble
 mineral composition
 small.
 sandstone.

minerals.
 sedimentation
 luster
 fracture.
 chemical composition.

recrystallization.
 crystalline structure.
 silicon
 melting
 intrusive igneous rocks

obsidian
 sediments.
 shale
 rholite.

15. The elements that occur most frequently in the earth's crust are
 16. A rock made up of cemented sand grains is
 17. Materials that settle out of water are known as
 18. Sedimentary rocks are classified by
 19. Quartz is a mineral because it is
Down
 1. What process in the rock cycle are you performing if you mix your garbage in your garden.
 2. One of the following cooled too quickly to allow crystals to form.
 3. Igneous rocks are classified by

5. Heat and pressure can change slate to the metamorphic rock schist. What is probably formed when more heat and pressure acts on schist?
 6. When hit with a hammer, most minerals will show
 7. Which of the following does not belong with the others?
 8. Metamorphic rocks are classified according to
 10. What process in the rock cycle are you performing if you put salt on ice on your sidewalk?
 14. Granite is a rock because it is