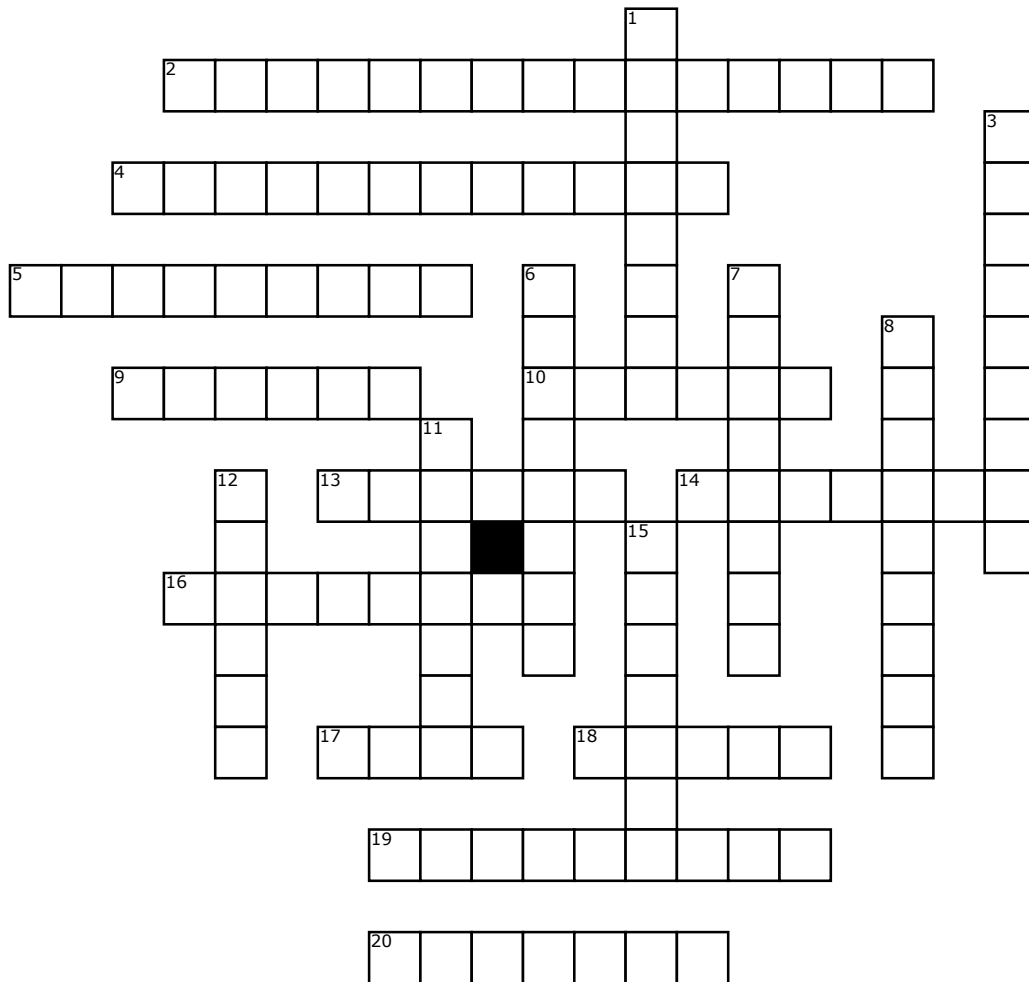


Name: \_\_\_\_\_

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

# rocks & minerals



## Across

- 2.** forms when sediment from older rocks get pressed and cemented together from precipitation  
**4.** crystals change in size or composition without melting from high pressure & temperature  
**5.** magma cools slowly below earth's surface forming large crystals  
**9.** anything that has mass & volume  
**10.** a mineral's light reflection is its  
**13.** mineral's color in powder form  
**14.** this is a naturally occurring inorganic solid with a definite crystalline structure and has a fixed chemical composition

- 16.** split along planes of weakness to form smooth, flat surfaces  
**17.** a naturally occurring solid mixture of one or more minerals  
**18.** all minerals are solid, meaning each has a definite volume & shape  
**19.** lava cools quickly on earth forming small crystals  
**20.** this type of sedimentary rock is made of cemented rock and is classified by the grain size

## Down

- 1.** solid geometric forms produced by a repeating pattern of atoms or molecules

- 3.** the series of processes in which rocks change from one type to another  
**6.** mineral grains realign to form bands due to pressure  
**7.** form by precipitation of minerals from water  
**8.** doesn't come from remains of living things  
**11.** this type of sedimentary rock forms from the remains of debris  
**12.** amount of space something takes up  
**15.** this type of rock forms when molten rock cools and hardens

## Word Bank

cleavage  
 foliated  
 luster  
 crystals  
 rock cycle

igneous  
 mineral  
 metamorphism  
 organic  
 inorganic

sedimentary rock  
 volume  
 chemical  
 rock  
 solid

matter  
 intrusive  
 extrusive  
 streak  
 clastic