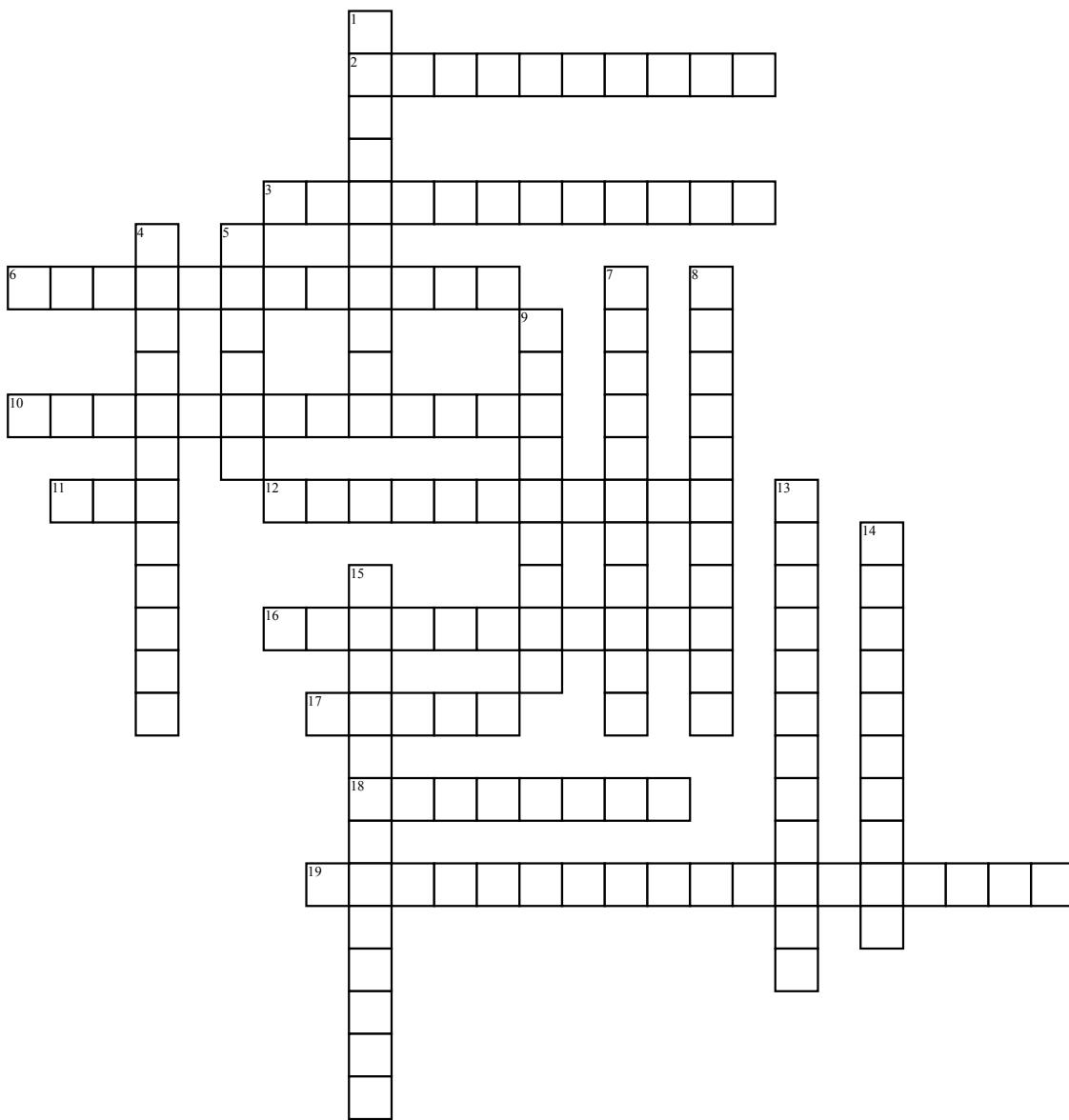


Name: \_\_\_\_\_

# science crossword



## **Across**

2. a process or chemical reaction characterized by or causing the liberation or release of heat
3. the lowest possible temperature
6. the transition of matter from a solid or liquid phase into a gaseous phase
10. mechanical energy that someone or something has by virtue of its being in motion
11. state of matter consisting of particles that have neither a defined volume nor defined shape
12. a chemical reaction that is accompanied by the absorption of heat
16. the process of a liquid changing into a gas

17. a state of matter that has particles put together so their shape and volume are relatively stable

18. continuous physical force exerted on or against an object by something in contact with it

19. The latent heat absorbed by a substance as it changes from a liquid to a vapor

**Down**

1. the settling out or placement of rock, particles of rock, or organic matter, generally referred to as sediments, after transportation by wind, water, ice, or gravity

4. the act of shortening or reducing something to make it more concise

5. free to flow, so while a liquid has a definite volume, it does not have a definite shape

7. chemical process where a solid turns into a gas without going through a liquid stage
8. any substance that changes from one state to another
9. the volume of an ideal gas is inversely proportional to its absolute pressure
13. The amount of heat required to convert a solid at its melting point into a liquid without an increase in temperature
14. the volume of a gas equals a constant value multiplied by its temperature as measured on the Kelvin scale
15. pressure exerted by a vapor in equilibrium with the solid or liquid phase of the same substance