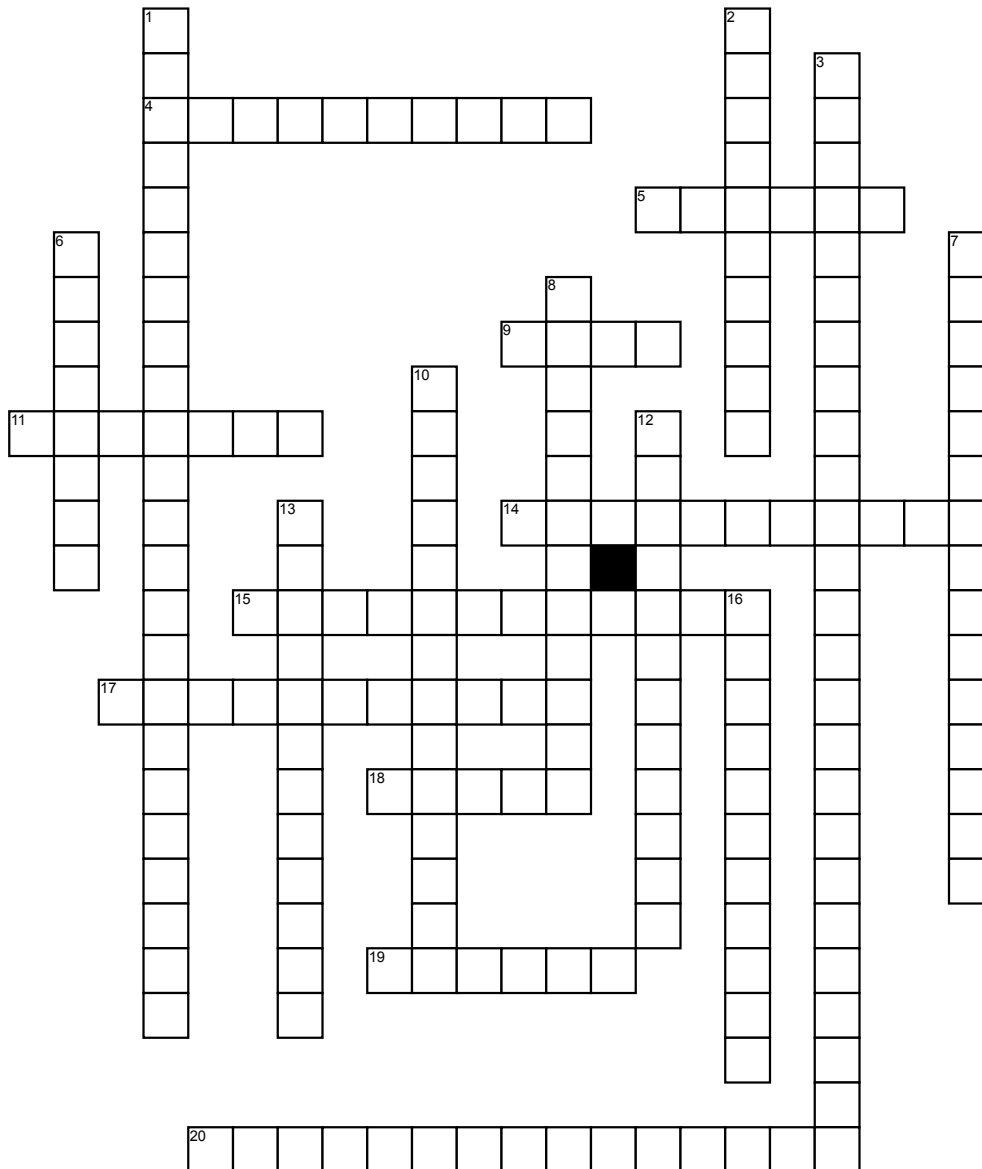


Name: \_\_\_\_\_

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

# Thermochemistry Vocabulary



## Across

- 4.** reaction releasing heat  
**5.** combining to form bigger nucleus  
**9.** energy that transfers from one object to the next (it is hot)  
**11.** either of 2 units of heat energy  
**14.** reaction absorbing heat  
**15.** heat requires to raise temp of the unit mass  
**17.** measure the amount of heat  
**18.** unit of energy  
**19.** the ability to do work

- 20.** stored energy in an object due of its position or its configuration

## Down

- 1.** energy stored in the chemical bonds of a substance  
**2.** energy and matter can freely be exchanged through its surroundings  
**3.** law of science, energy can't be created nor destroyed, but only changed from one form to another  
**6.** quantity equivalent to heat content

- 7.** study of heat energy and has chemical reactions/physical transformations  
**8.** show temp. of a substance  
**10.** energy which a body possesses because of its emotions  
**12.** does not allow certain types of transfers in or out of the system  
**13.** phase transition from liquid to vapor  
**16.** measure of kinetic energy of particles in matter