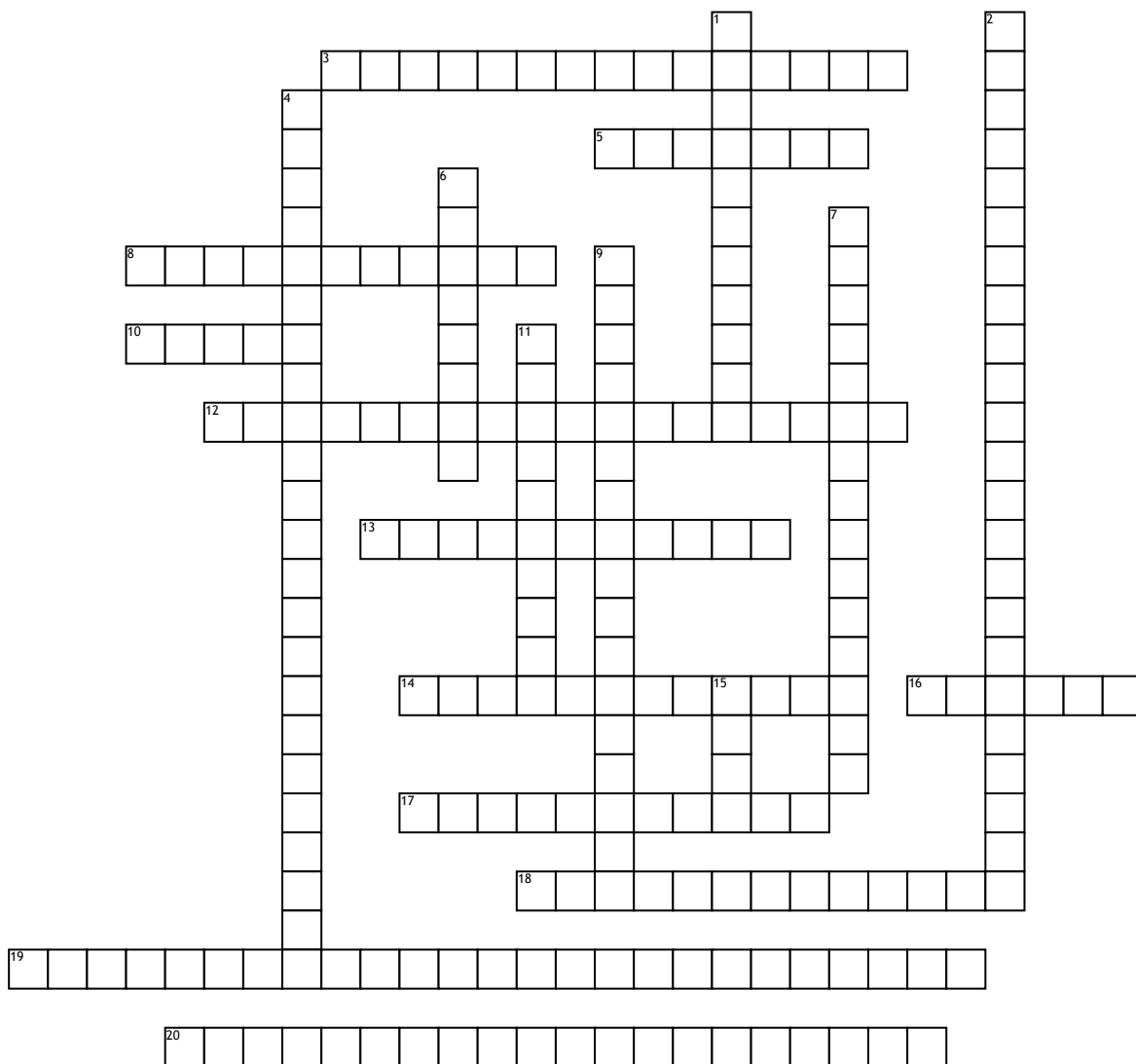


Name: \_\_\_\_\_

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

# Thermochemistry Vocab.



## Across

3. stored energy  
 5. unit of heat energy  
 8. Process of measuring the amount of heat released or absorbed during chemical reactions  
 10. unit of energy in the SI system  
 12. enthalpy change that occurs with a system when 1 mole of matter is transformed by a chemical reaction  
 13. measure of molecular movement

14. The amount of heat needed to raise temp. of one gram of a substance  
 16. The ability to do work  
 17. Object process of measuring heat of chemical reactions  
 18. energy due to motion  
 19. You can not create or destroy energy  
 20. one mole of compounds is completely bonded by oxygen gas

## Down

1. when a reaction absorbs heat  
 2. form of potential energy that can be absorbed or released during a chemical reaction

4. amount of heat necessary to boil 1 mole of a substance at its boiling point  
 6. change where heat is absorbed or released through a chemical reaction  
 7. The study of energy transfer in the form of heat during reactions and physical changes  
 9. amount of heat to melt 1 mole of a substance  
 11. when a reaction releases heat  
 15. energy that can be transferred due to the molecular movement