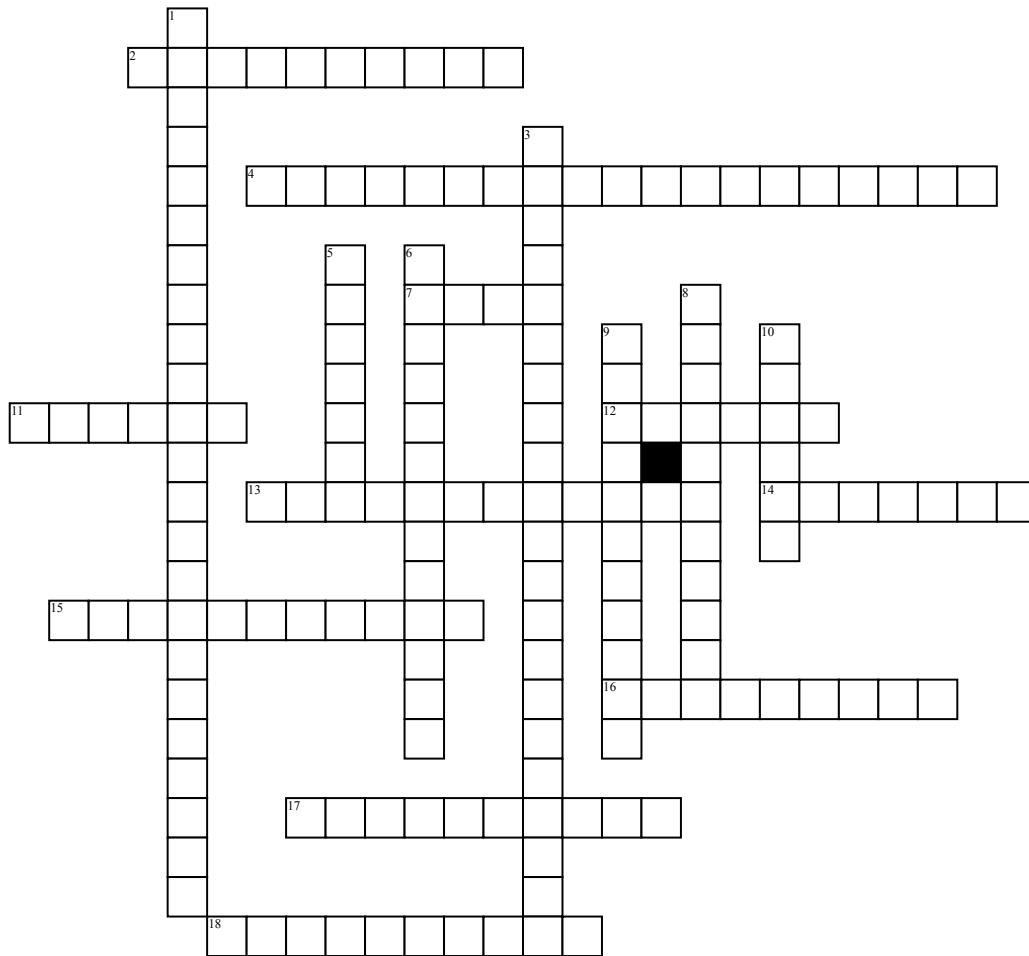


Name: \_\_\_\_\_

# 8th Grade!!



## Across

2. transfer of heat through direct contact  
 4. What is normal body temp in F  
 7. energy transferred from higher temp to a lower temp  
 11. Where particles move around fast and free  
 12. an example of a good conductor  
 13. motion of particles stop

14. equally spaced units between two points  
 15. Used to measure temperature  
 16. transfer of heat by electromagnetic waves  
 17. transfer of heat by liquid or gas  
 18. materials that are not good conductors

## Down

1. Celsius, Fahrenheit, Kelvin

3. particles are constantly in motion

5. Where particles "kind of" move around freely  
 6. total kinetic energy of all particles in a substance  
 8. calories in food have how many calories of energy?  
 9. measure of average kinetic energy  
 10. where particles vibrate & don't move alot

## Word Bank

solids  
 HEAT  
 insulators  
 thermalenergy  
 temperature

kinetictheoryofmatter  
 Gasses  
 absolutezero  
 ninetyeightpointsix  
 degrees

thermometer  
 radiation  
 onethousand  
 metals

liquids  
 convection  
 common temperature scales  
 conduction