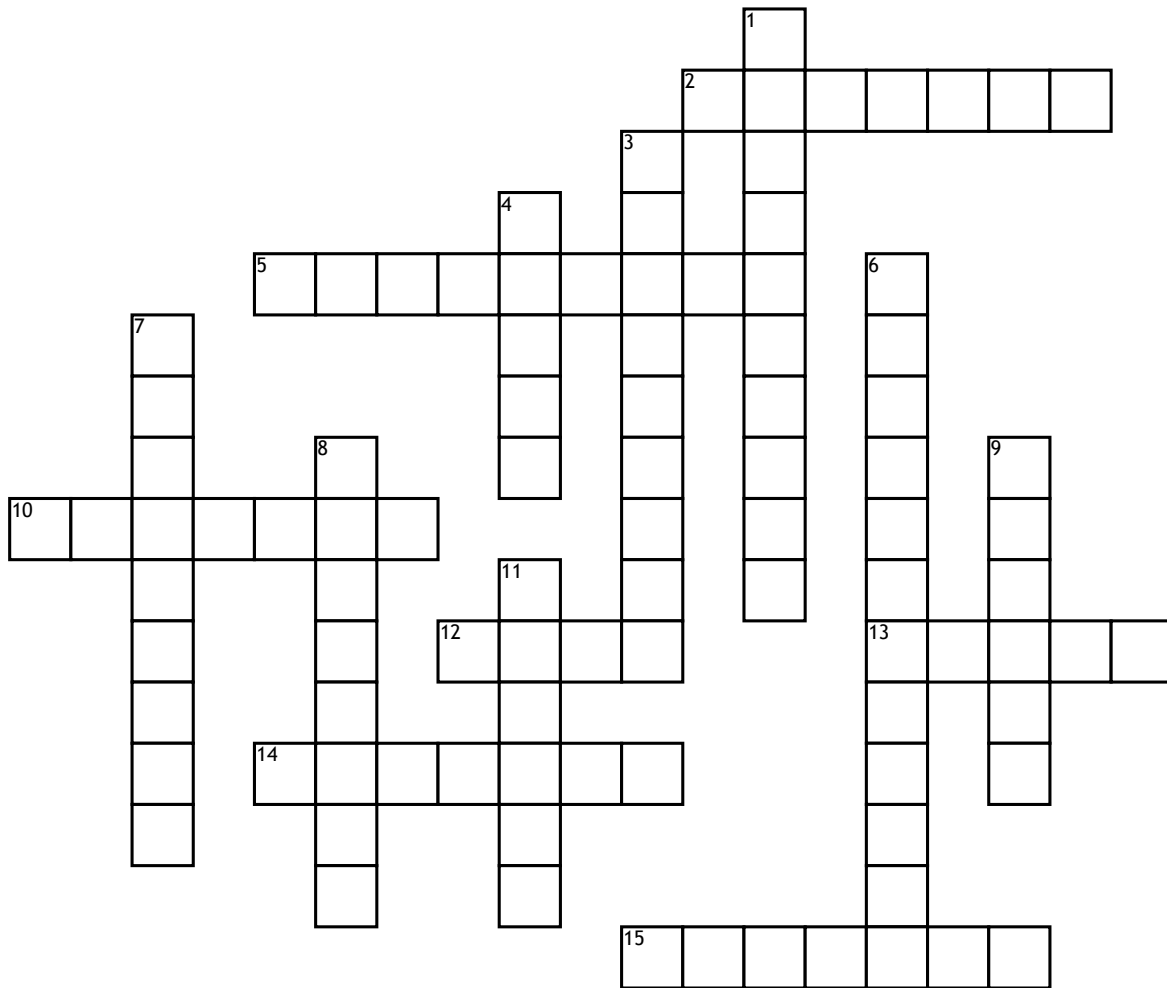


# Kinetic Molecular Theory



## Across

2. Solid to liquid  
 5. \_\_\_\_\_ move freely and quickly in gases  
 10. As temperatures increase particles move \_\_\_\_\_ apart  
 12. Amount of matter in an object  
 13. Takes shape of the container and takes up maximum space given

14. The particles in a solid are \_\_\_\_\_ packed together  
 15. \_\_\_\_\_ energy is the energy of the kinetic molecular theory

## Down

1. Gases straight to solid  
 3. Matter is made up of small particles called atoms and \_\_\_\_\_  
 4. Liquids have a \_\_\_\_\_ volume

6. The temperature at which solid changes to liquid  
 7. Particles in a solid are \_\_\_\_\_ in place  
 8. Solids have a \_\_\_\_\_ shape  
 9. As temperatures decrease particles move \_\_\_\_\_ together  
 11. Anything that has mass and volume