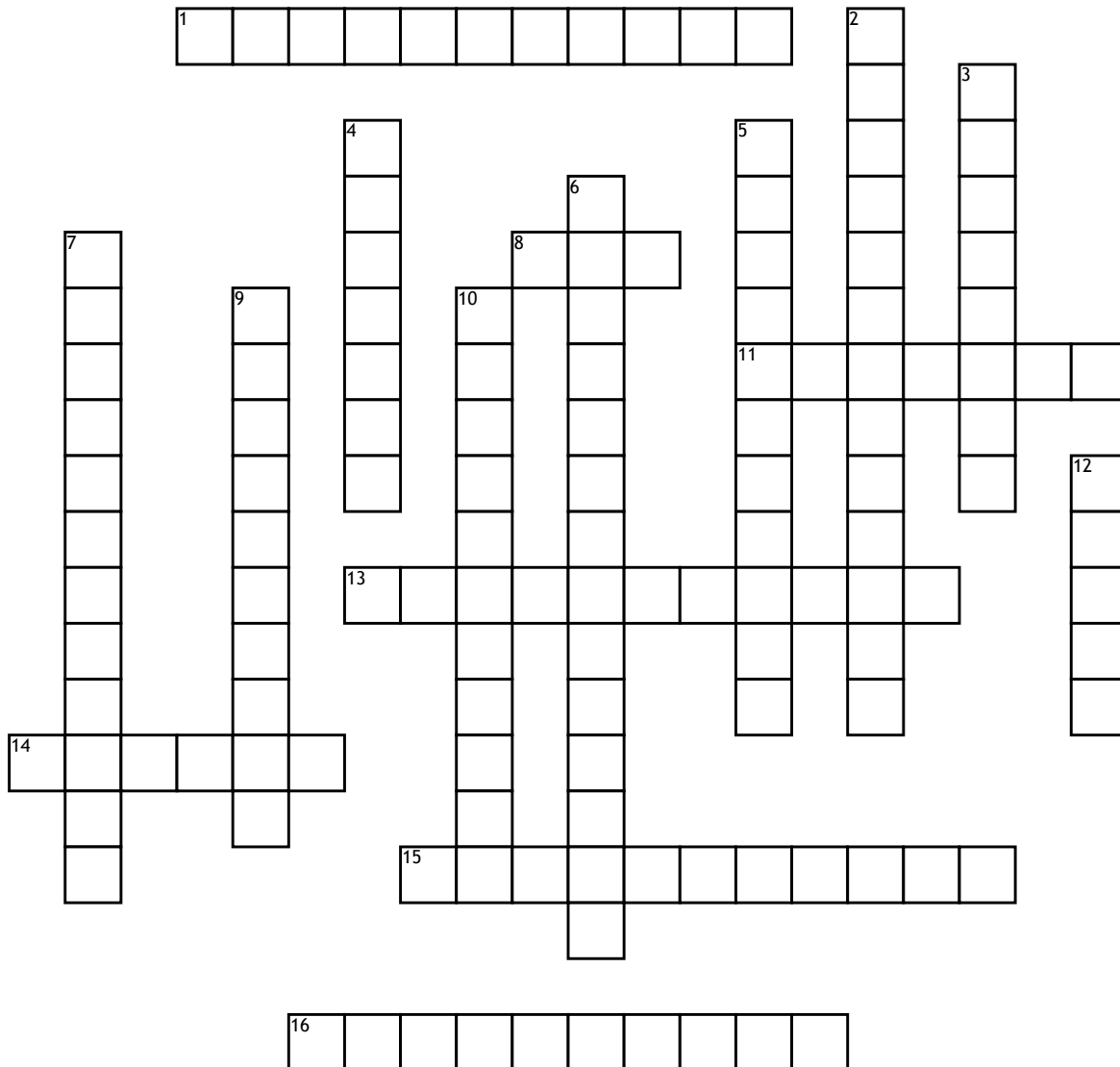


Phases of Matter



Across

1. The phase change of liquid to gas
 8. In this state of matter, the particles have very little attraction and bounce all over the place
 11. The phase change from solid to liquid
 13. As _____ increases, particle motion increases
 14. In this state of matter, the particles have just enough energy to slide past each other

15. This type of reaction or process absorbs heat/energy
 Solid--> liquid --> Gas ?

16. Phase change from gas straight to solid

Down

2. The internal energy of an object that we perceive as heat
 3. The phase change from liquid to solid
 4. As the liquid in the thermometer gets warmer it _____.
 5. The tool commonly used to measure temperature

6. The term used to describe how fast or slow the molecules in a substance are moving

7. The phase change of gas to liquid

9. This type of reaction or process releases heat/energy
 Gas--> liquid --> Solid

10. Phase change from solid to gas

12. In this state of matter the particles have a strong attraction to one another (they are close together) and vibrate