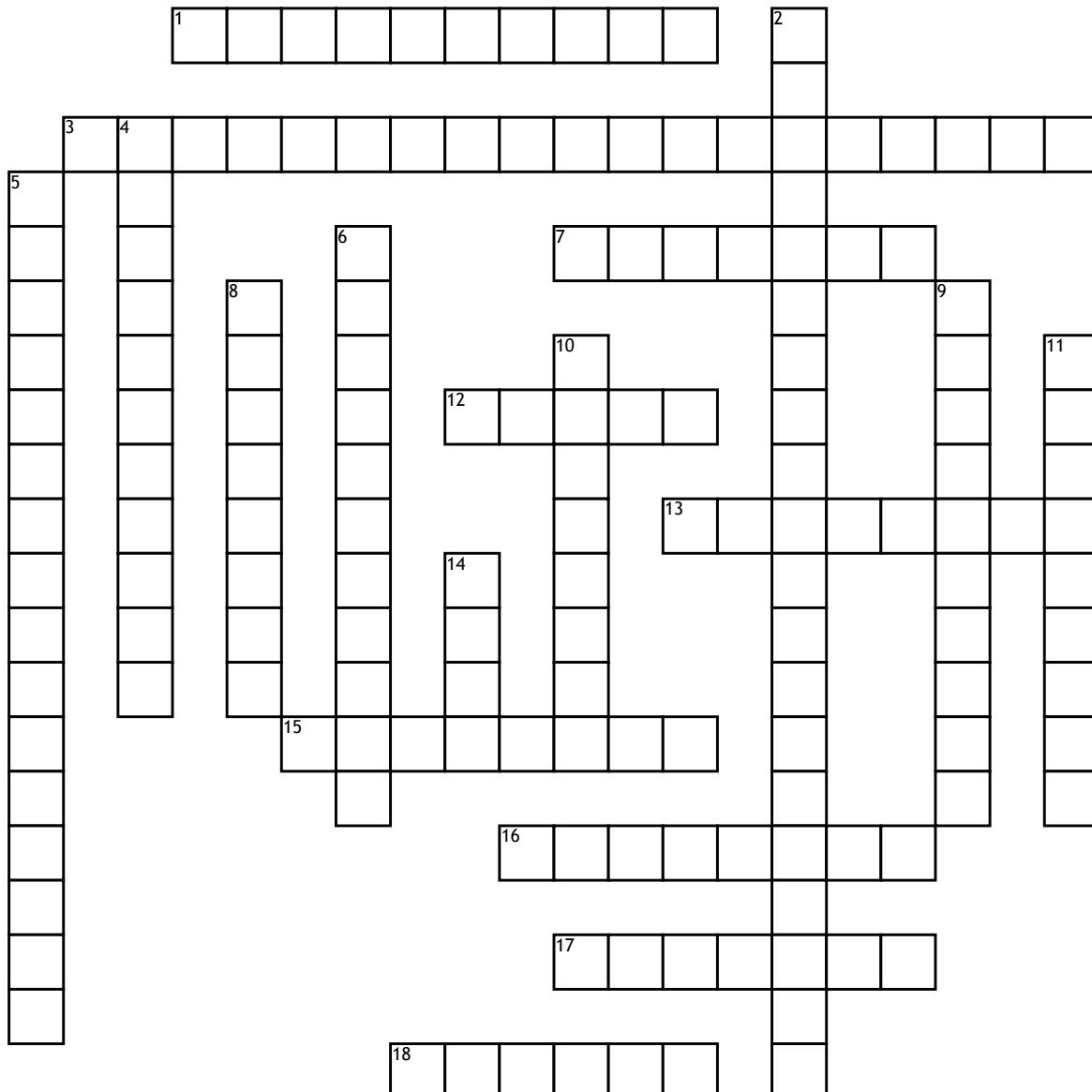


P1 Crossword



Across

1. The heat required to convert a substance's state without changing its temperature
3. The weight of the air high in the atmosphere pushing down
7. The compactness of a substance
12. The specific heat capacity of water
13. The force acting per unit area on a surface
15. pressure x volume
16. The effect on the size of an object when the outward force is increased

17. When a liquid changes state to become a gas

18. The force of attraction between particles in liquids are than in solids

Down

2. The change in energy in 1kg of a substance's thermal store to raise its temperature by one degree
4. This is a measurement of average kinetic energy of particles in a substance
5. Negative electrons in a ball of positive charge

6. The transition of a substance from a solid to a gas

8. The force allowing objects to float in water

9. When vibrating particles pass on kinetic energy to other particles

10. The minimum atmospheric pressure at sea level

11. The type of can used to measure the displacement of water

14. When the state of a substance changes, its stays the same