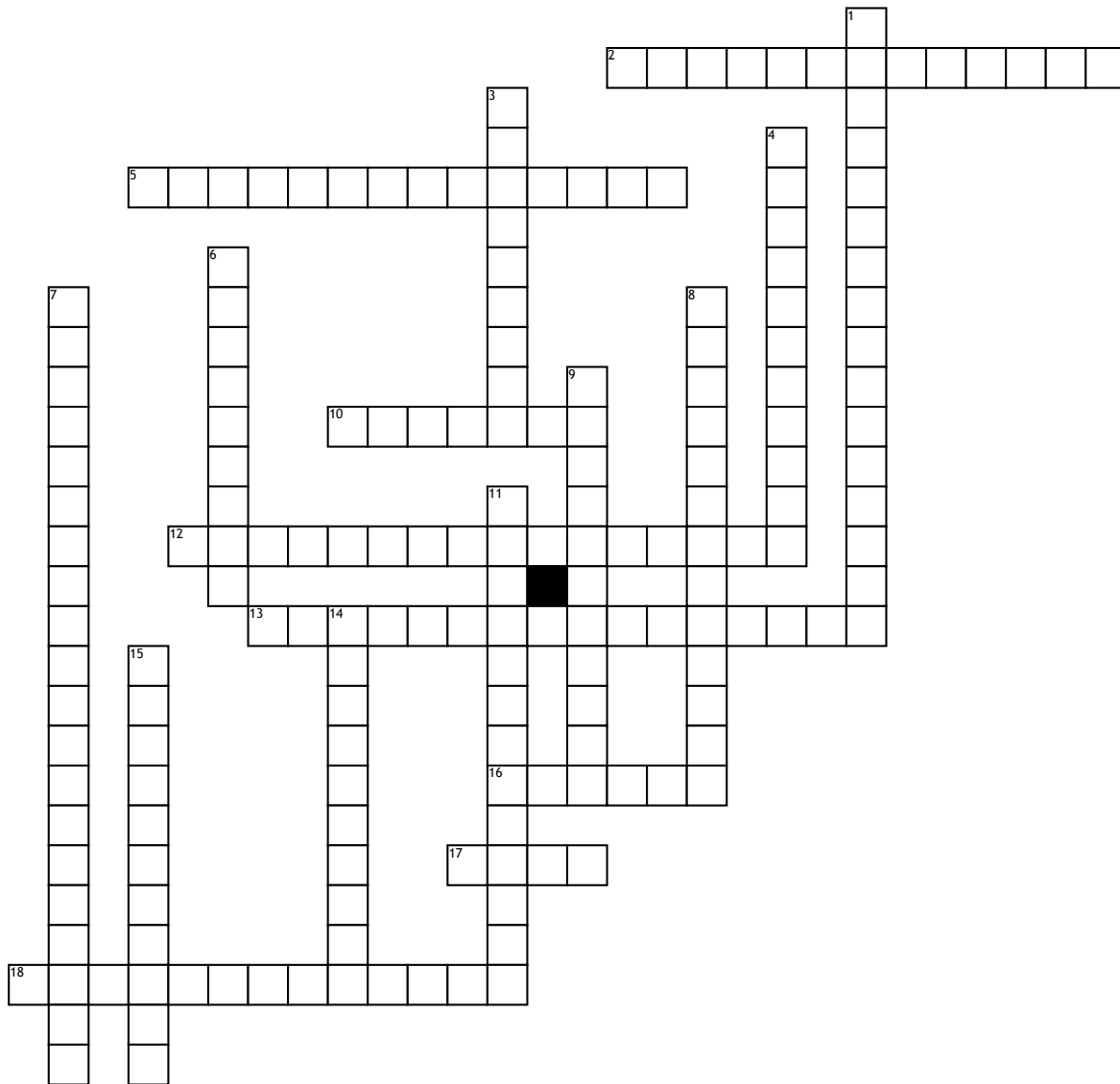


# Energy types



## Across

2. The thermal energy of an object is the kinetic energy of its particles

5. the form of potential energy

10. The equal amount of energy needs to run the temperature

12. extracted from heat stored within earth

13. The sum of an objects kinetic energy and potential energy

16. The ability to cause change

17. The energy transferred from a high to a low temperature

18. the energy of an object that is due to its motion

## Down

1. The energy that results from the position of motion of charged particles

3. a material that transfers energy easily

4. the kinetic energy caused by the vibration of particles

6. A material that does not transfer energy easily

7. It goes from one substance to another

8. The nucleus of an atom is the source of nuclear energy

9. A measure of the average kinetic energy of all particles in a substance

11. The energy of electromagnetic waves

14. The transfer of energy as heat from one substance to another

15. Energy resources made from animal remains