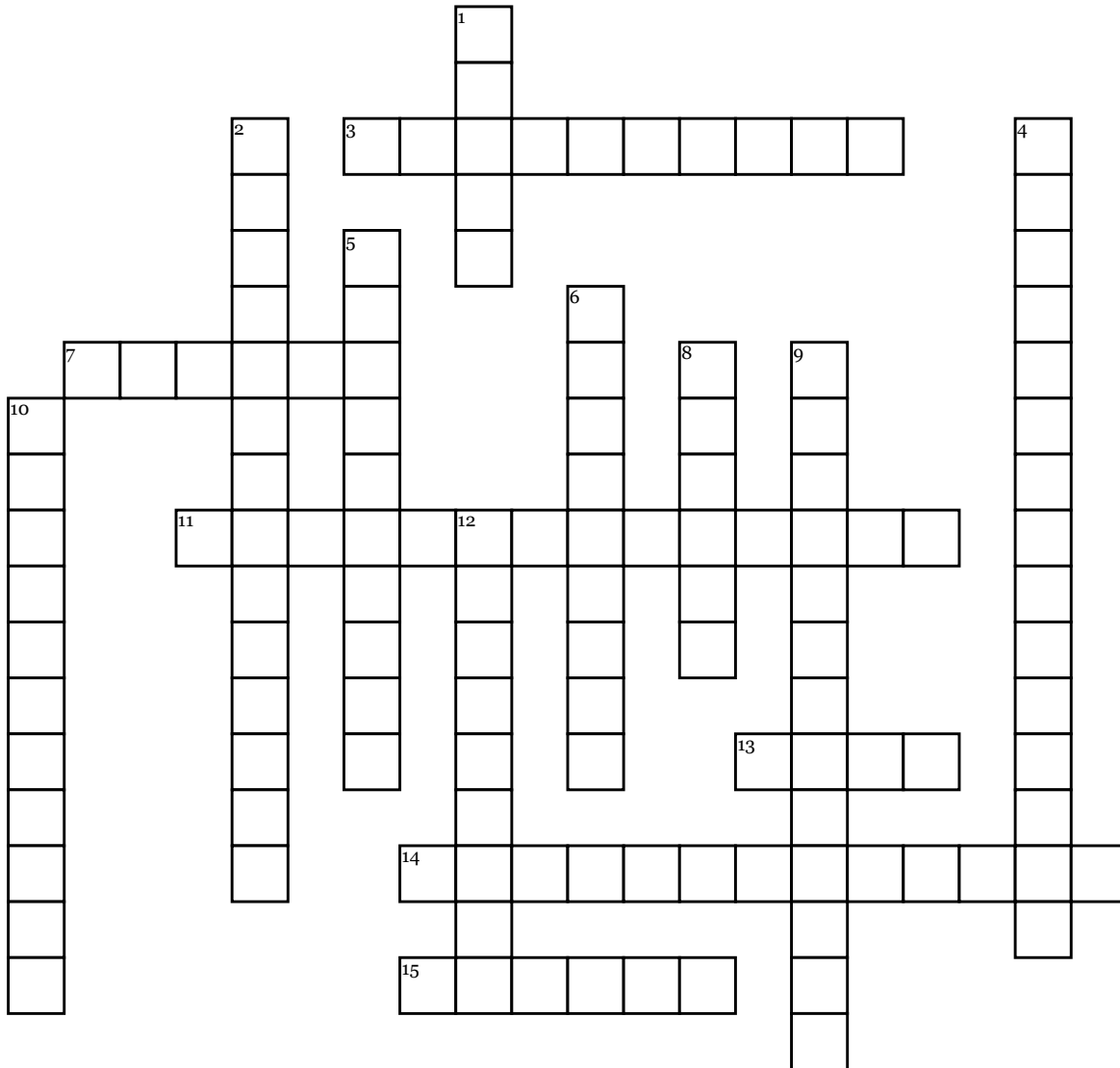


Thermal Energy



Across

3. transfer of energy from molecule to molecule within a substance (touching a hot burner)

7. atoms and molecules, the smallest particles of any substance, are always in _____

11. movement of electric charge from one place to another

13. energy transferred between two objects of different temperatures

14. energy of motion

15. ability to cause changes in matter

Down

1. warmer less _____ air pushed up by colder more dense air is an example of heat transfer

2. form of potential energy stored in reactants

4. energy that is due to the position or condition of an object

5. transfer of energy by the mass movement of liquid or gas

6. more _____ = more thermal energy

8. substance in which all the domains are aligned in the same direction

9. total kinetic energy of all the particles in a material

10. average kinetic energy or average speed of all particles in a material

12. transfer of energy by waves