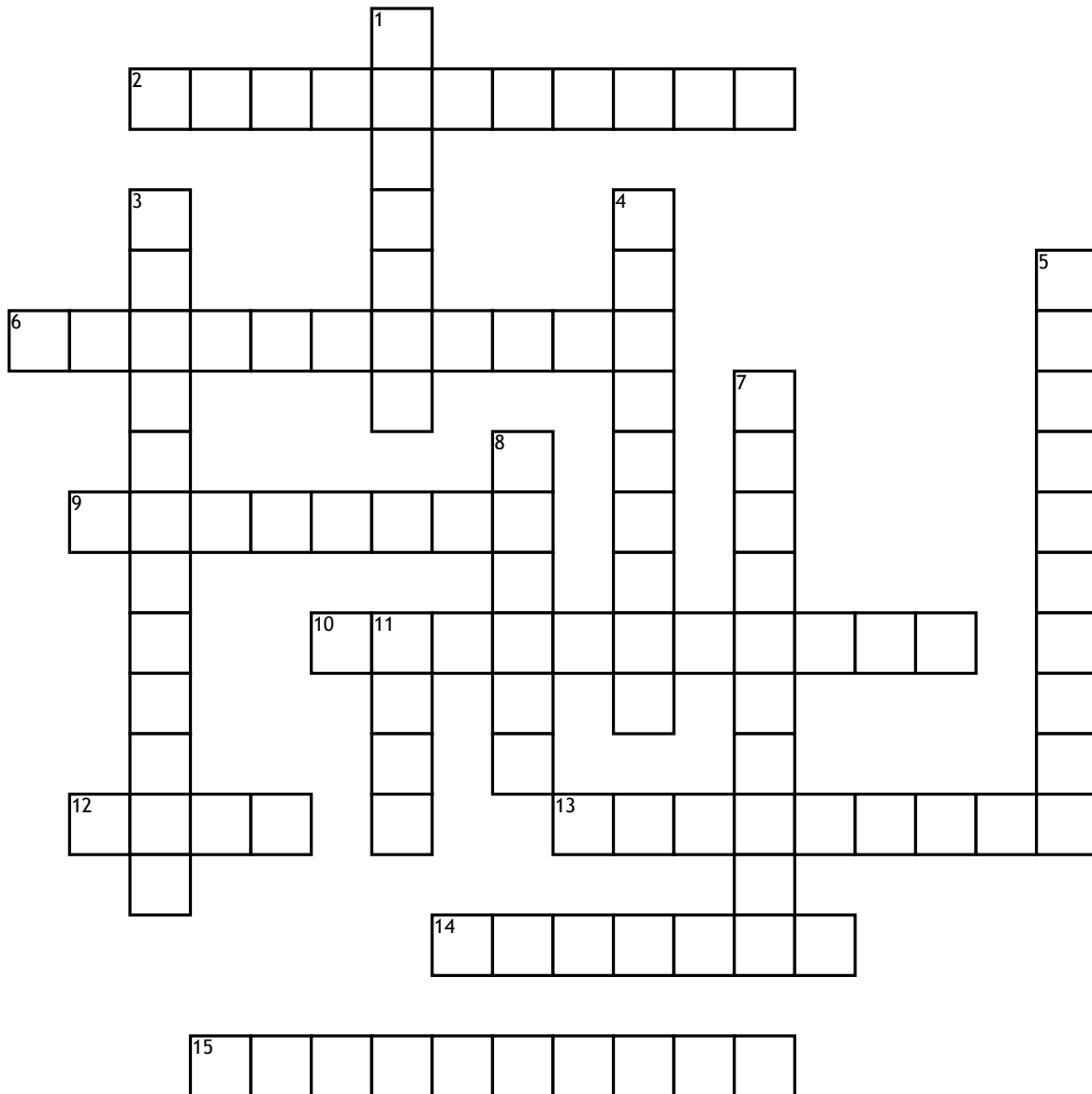


Name: _____

Date: _____

Heat Energy



Across

2. A measure of how hot or cold something is
6. An object or action that produces thermal (heat) energy
9. The force that works against the movement of two objects that are in contact with each other (this movement can create heat)
10. An instrument used to measure temperature
12. To change from a solid to a liquid

13. The movement or transfer of heat in the form of electromagnetic waves

14. Source of heat (this requires oxygen)

15. A customary unit of measure used to indicate temperature

Down

1. A metric unit of measure used to indicate temperature

3. The movement of heat (heat moves from a warmer object to a colder object)

4. A material that does not let heat travel through it easily and slows the transfer of heat or thermal energy (typically found around wires)

5. The movement or transfer of heat by direct contact between particles of matter

7. The transfer of heat through gases and liquids

8. The ability to do work

11. The amount of thermal energy in an item; it makes things warmer