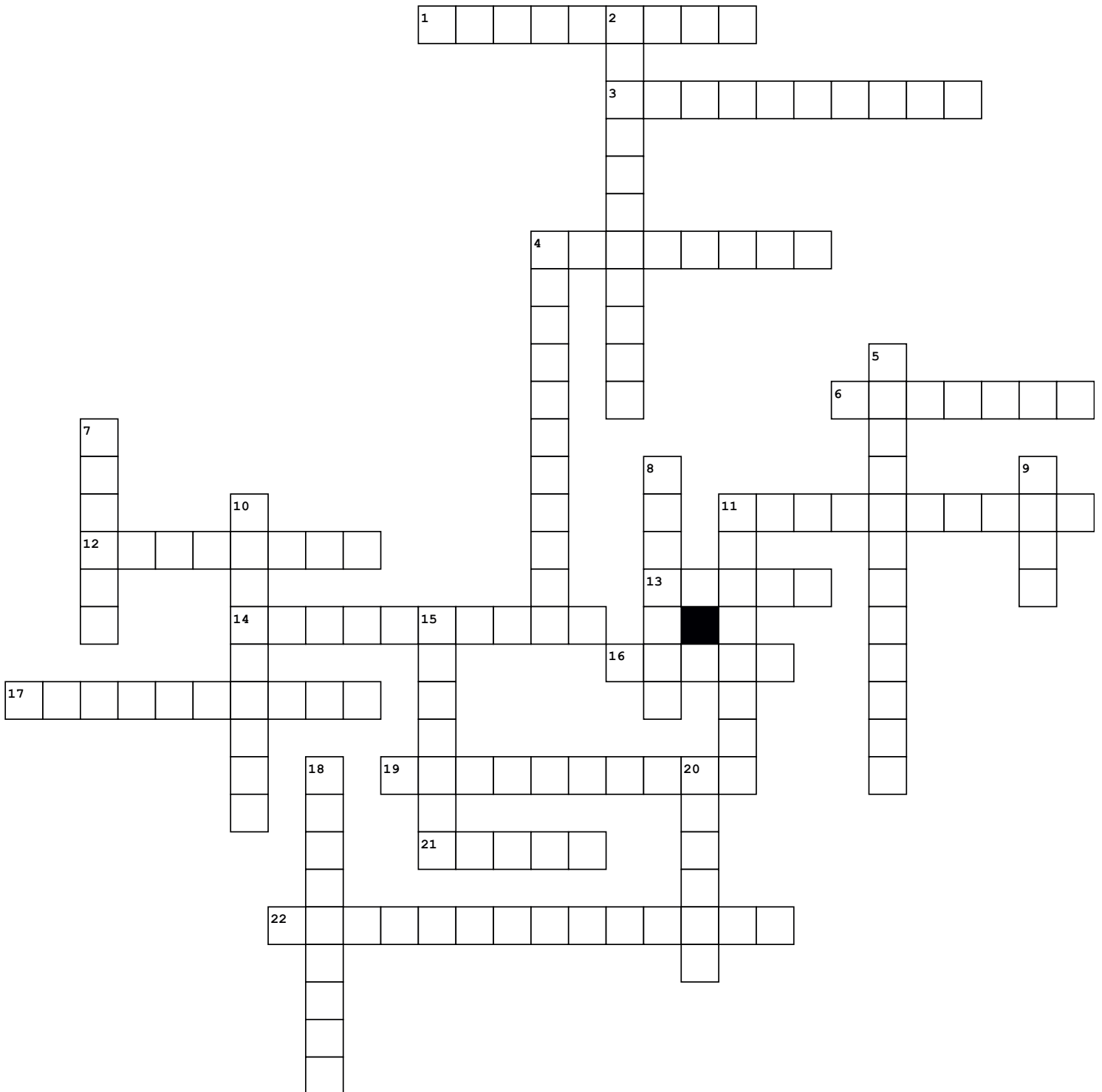


Forms of Energy/Heat Transfer



Across

1. nuclear and chemical energy are examples of this type of energy
3. energy from moving objects

Down

2. a measure of the average kinetic energy of the particles in an object
4. a tool used to measure temperature

4. In an energy ____, the same type of energy moves to a different object.
6. energy that can travel through the vacuum of space
11. type of heat transfer in fluids
12. what electromagnetic waves that transfer heat are called
13. mechanical energy depends upon mass and ____
14. glass, air, plastic, rubber, and wood are examples of these
16. What state of matter has the LEAST kinetic energy in its particles?
17. heat is transferred when particles are in direct contact
19. energy from the flow of electrons
21. energy from the compression of matter/vibrations
22. In a light bulb, electrical energy changes to light energy. This is an example of an energy ____
5. the direction heat moves in: from ____ to ____ (cooler, warmer)
7. energy released from the combining of atoms
8. energy released from the splitting of an atom
9. Energy is the ability to do ____
10. type of heat transfer that does NOT require particles
11. energy stored in the bonds in matter
15. acronym for the forms of energy
18. Energy can never be created or ____
20. energy within subatomic particles