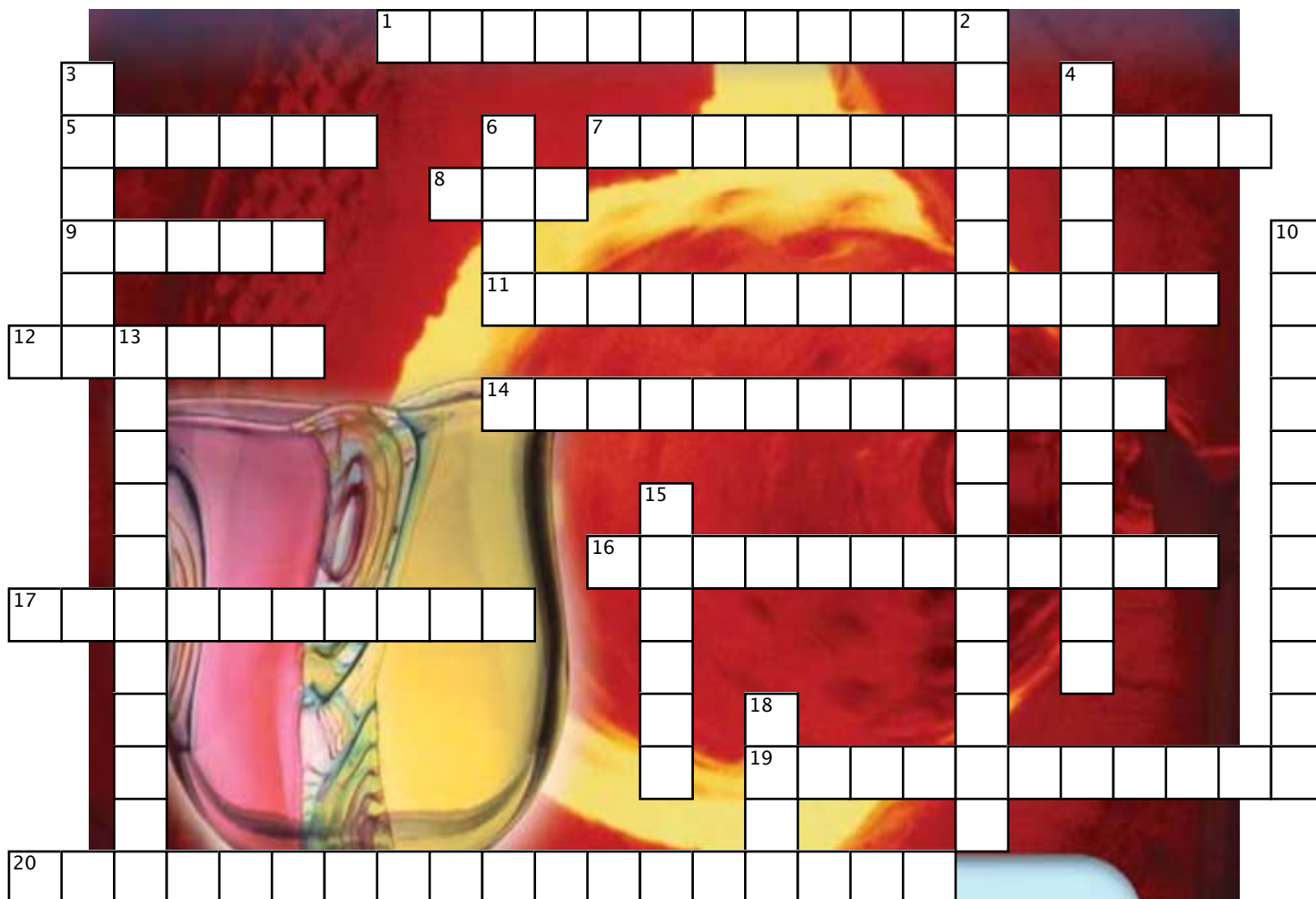


Section 7.1 - States of Matter



Across

1. The temperature a liquid turns to gas.
5. State of matter that has definite volume, but its shape is determined by its surroundings.
7. Energy of motion.
8. State of matter that has its volume and shape determined by its surroundings.
9. State of matter that has definite shape and volume.
11. Change of state from liquid to solid.
12. Anything that has mass and volume.
14. The total amount of energy in a substance.
16. Change of state from gas to liquid.
17. Permanently frozen soil.
19. Change of state from liquid to gas.
20. Happens to matter when its temperature decreases. (Hint: It changes the volume of the substance.)

Down

2. Happens to matter when its temperature increases. (Hint: It changes the volume of the substance.)
3. Fourth state of matter, an ionized gas.
4. The temperature a solid turns to liquid.
6. The quantity of matter that a substance or object contains.
10. Change of state directly from solid to gas.
13. The average kinetic energy of the particles of a substance.
15. The amount of space taken up by a substance or object.
18. The energy transferred from one type of matter to another.