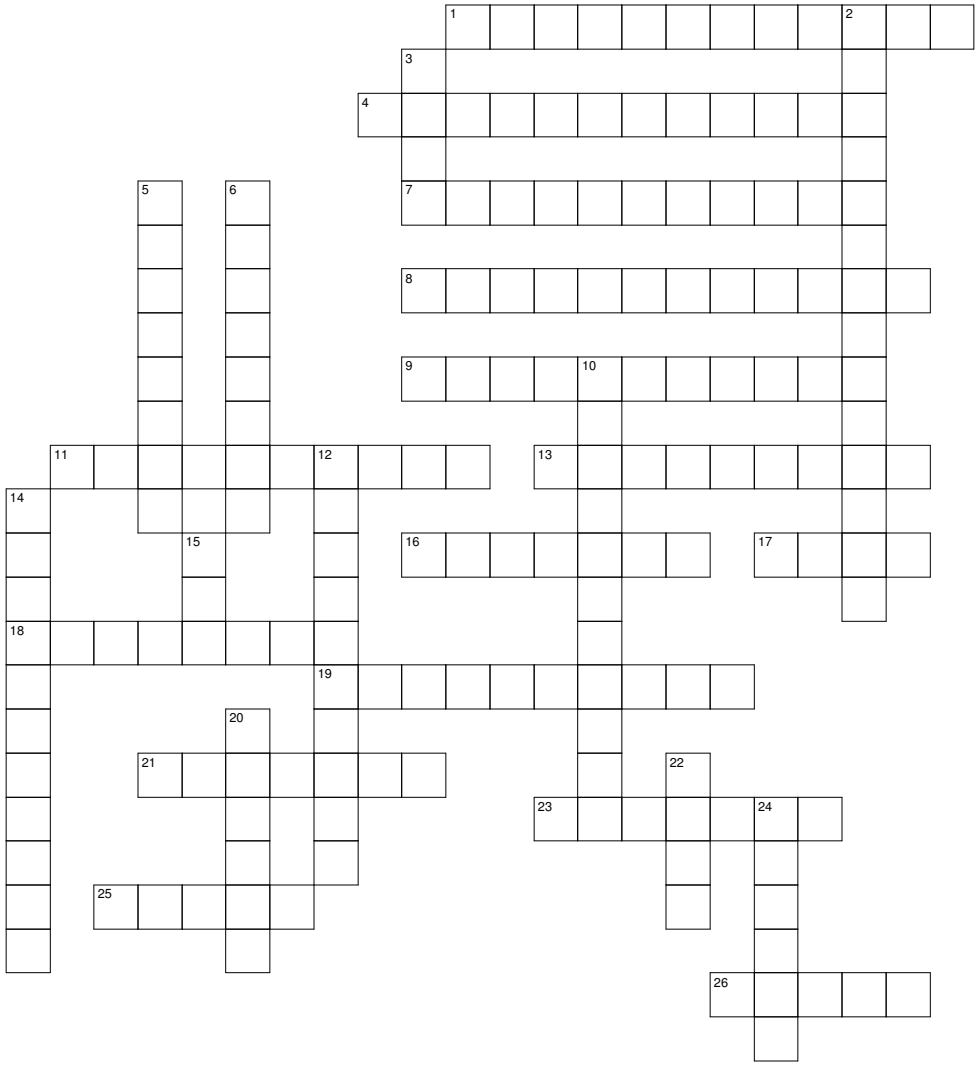
Chapters 3 & 5

Across

1. the temperature at which a substance rapidly changes from a liquid to a gas
4. the temperature at which a substance turns from a solid to a liquid
7. instrument used to measure temperature
8. changing from a gas to a liquid
9. solids with an orderly arrangement of atoms
11. the ability to be stretched or compressed and return to original size
13. solids without an orderly arrangement of atoms
16. a pure substance made of only one type of atom
17. g
18. the force per unit area of a fluid
19. transfer of heat by touch
21. changing from a liquid to a gas at a certain temperature
23. to go from a solid to a liquid
25. any substance that can flow
26. phase of matter that has defininte shape and volume

Down

2. forces between atoms that attract at a distance but repel at close range
3. energy in moving molecules
5. 1000 g
6. the ability to maintain shape
10. the average energy of molecules of an object
12. the transfer of heat in fluids
14. a change from a liquid to a gas below the boiling point
15. phase of matter with no fixed volume or shape
20. phase of matter with a constant volume but can change shape
22. the smallest particle of matter the retains its identity
24. the measure of force in the metric system