

Chapter 1-states of matter, vocabulary

Name: _____

Clue (number of letters)	book ref
1. Anything that occupies space and has mass (6 letters)	Page 3
2. Solid, _____, or gas are the three states of matter in which any substance can exist, depending on conditions of temperature and pressure (6)	Page 3
3. A gas or a liquid; they are able to flow (5)	Page 3
4. The _____ point is a constant temperature at which a solid turn into a liquid (7)	Page 4
5. The melting point (m.p) is the same value as the _____ point (8)	Page 4
6. The direct change of state from solid to gas; or gas to solid (11)	Page 5
7. Substance that can sublime (6)	Page 5
8. A process occurring at the surface of a liquid, involving the change of state from a liquid into a vapour at a temperature below the boiling point (11)	Page 6
9. A condition under which gas bubbles are able to form within the liquid (7)	Page 6
10. A liquid that evaporates easily; has a low boiling point (8)	Page 6
11. Change of state of a gas or vapor into a liquid (12)	Page 6
12. A pure substance consists of only one substance without any contaminating _____ (10)	Page 7
13. Substances with impurities have _____ freezing and boiling points when compared with values of known pure substances (9)	Page 7
14. A regular 3-dimensional arrangement of particles in a solid (7)	Page 8
15. A space between particles in matter (14)	Page 12

Further practice:

Attempt the exam-style questions on pages 22 through 26 of the coursebook.