

Chemistry 11 – Unit 1: Matter & Atomic Theory Suggested Practice

Hebden – Chemistry 11 Workbook for Students

Unit 1.1 - Classifying Matter

Practice:	Properties of Matter	p 44 #13 – 14, p 47 #16, p 48 #24 - 25
	Classifying Matter	p 52 #33 – 44
	Separation of Mixtures	p 58 & 59 #45 – 50, #52, #55, #57, #58
	Changes of Matter	p 61 # 59 & 63

Unit 1.2 - Elements & The Major Divisions of The Periodic Table

Practice:	Major Divisions Within the Periodic Table	p 162 #31 - 33
	Metals, Non-metals & Semiconductors	p 164 #35 – 37 & #39
	Noble Gases, Alkali Metals	p 189 #88, 91, 95 - 98
	Alkaline Earth Metals, Halogens	p 190 #100 & p 191 #104 - 105

Unit 1.3 – Atomic Theory

Practice:	Atomic Theory	p 147 #19
	Atomic Theory	p 149 #22
	Ions	p 176 #65 – 67 & p 182 #83
	Isotopes	p 150 #23 a, d & p 151 #24 & #25
	Electron Configuration	p 155 #26 & p 192 #115 – 119, #126
	Periodicity – Atomic Radii	p 165 #40 & 41
	Periodicity – Ionization Energy	p 168 #48 – 51
	Periodicity – Review	p 170 #53
	Periodicity – Ionization Energy	p 173 #58 - 61

Unit 1.4 – Forming Compounds

Practice:	Ionic Bonding	p 172 #57
	Covalent Bonding	p 177 #68
		p 178 #69 – 71
		p 182 #79
		p 192 #120 & #128
	Lewis Diagrams	p 188 #86