

## Lesson Progression Unit 2

CHAPTER	KEY TERMS	HOME WORK
4.2	Relative atomic mass (RAM), isotopic abundance, atomic mass unit 'u',	Page 164, Q # 1, 2,5 Page 166, Q # 6, 7, 8, 9, 11
4.3	Mole, Molar mass, Avogadro's number, units of mole (g/mol)	Page 169 Q # 1-6 Page 170 Q # 7,9,11,13
4.4	Convert mass into moles,  Moles into mass,  Moles into numbers,  Numbers into moles	Page 172 Q # 2, 4  Page 176 Q # 9 – 14  Understanding concepts  1,3,5
4.5	Percentage composition	Page 179 Q # 1-3
4.6	Empirical formula, molecular formula	Page 186 Q # 1-5
4.7	Calculation of EF and MF,	Page 188 Q # 2,4,6,7
Chapter 4 Review	Answer all questions in the review	Page 199 Q # 1 - 19

CHAPTER	KEY TERMS	HOME WORK
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5.2	Balancing chemical equations,	Page 211 Q # 1,2,3,4 Page 213 Q # 5-8
5.3	Radioactivity, Alpha decay, beta decay particles, gamma radiation,  Balancing nuclear reactions,  Transmutation, fusion	Page 219 Q # 1-6  Page 220 Q # 8 – 10  Page 222 Q # 12 – 15  Understanding concepts:  222 Q # 1 - 8
5.4	Gravimetric analysis,	Page 227 Q # 1 – 6, 7 –10
5.5	Calculation of limiting and excess reagent.	Page 231 Q # 1 – 4  Page 235 Q # 5 – 10
5.6	Yield of a reaction, actual yield, and theoretical yield.	Page 239 Q # 1 – 6  Understanding concepts  9 – 11 Page 243
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