

SENIOR SCHOOL

preparing for the world

IGCSE Mathematics Module 4

Number (2)

By the end of this unit we will have covered the following areas.

Objective	Revision Guide Ch.	Can do?	Ex. book page ref.	Revised?
Use a scientific calculator efficiently and apply appropriate checks of accuracy	12		33-35, 364-5	
Use current units of mass, length, area, volume and capacity and convert between units	13		MM	
Calculate times in terms of 24-hour and 12-hour clock; read clocks, dials and timetables	14		MM	
Divide a quantity into a ratio	10		15-16	
Increase and decrease a quantity by a ratio	10		15-16	
Understand and use ideas and notation of ratio, direct and inverse proportion and measures of rate	10		15-18	
Calculate using money and convert between currencies	15		18-19	
Use scales in practical situations	10		19-21	
Calculate a percentage of a quantity	11		21-24	
Express one quantity as a percentage of another	11		21-24	
Carry out calculations involving reverse percentages	11		22-25	
Calculate percentage increase and decrease	11		24-26	
Calculate simple and compound interest	11		26-27	
Use data to solve problems on personal and household finance involving earnings, discount, profit and loss.	44		26-27	
Calculate average speed	10		28-30	
Express direct and inverse variation in algebraic terms and use this to find unknown quantities	10		162-167	

Vocabulary:

