




SPRING TERM DISCOVERING MATHS 7B 2020-21

TUES 5TH JAN

Spring term / Week 2	5.3 Addition and Subtraction of Fractions and Mixed Numbers	<ul style="list-style-type: none">Perform the four operations on fractions and on mixed numbersApply fractions in practical situations	DF1, 2, 5, 7 RM1, 5 SP1–4 N4, 12 R3	Workbook 1B Section 5.3  Try It! videos 10, 12	1017, 1074
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124-128

MON 11TH JAN

Spring term / Week 3	5.4 Multiplication of Fractions	<ul style="list-style-type: none">Calculate fractions of quantitiesPerform the four operations on fractions and on mixed numbersApply fractions in practical situations	DF1, 2, 5, 7 RM1, 5 SP1–4 N4, 5, 11, 12 R3	Workbook 1B Section 5.4  Try It! video 16	1841, 1046, 1768, 1047, 1769, 1074
	5.5 Division of Fractions and Mixed Numbers	<ul style="list-style-type: none">Perform the four operations on fractions and on mixed numbersApply fractions in practical situations	DF1, 2, 5, 7 RM1, 5 SP1–4 N4, 5, 11, 12 R3	Workbook 1B Section 5.5  Try It! video 19	1046, 1040, 1074





128-136

MON 18TH JAN

Spring term / Week 4	5.6 Rational Numbers and Using a Calculator	<ul style="list-style-type: none">Identify fractions as rational numbers	DF1, 2, 7 RM1, 5 SP1–4 N12, 15, 16	Workbook 1B Section 5.6	1933
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136-137

MON 25TH JAN

Spring term / Week 5	Chapter 6 Decimals			 Chapter 6 introduction video  Chapter 6 online skills test  Chapter 5 end-of-chapter test and mark scheme Graded Question Bank 1, Chapter 6  Fully-worked solutions: Chapter 6 in Workbook 1B and Graded Question Bank 1	
	6.1 Place Values, Ordering and Rounding of Decimal Numbers	<ul style="list-style-type: none">Interpret decimals and write decimals in order of sizeRound decimals to the nearest integer	DF1, 2, 5, 7 RM1, 5 SP1–4 N1, 2, 12, 13	Workbook 1B Section 6.1	1076, 1072, 1004


142-147

MON 1ST FEB

Spring term / Week 6	6.2 Addition and Subtraction of Decimals	<ul style="list-style-type: none">Use the four operations with decimals	DF1, 2, 7 RM1, 5 SP1–4 N4, 12	Workbook 1B Section 6.2  Try It! video 7	1380, 1381, 1007
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147-149

MON 8TH FEB

Spring term / Week 7	6.3 Multiplication of Decimals	<ul style="list-style-type: none">Use the four operations with decimals	DF1, 2, 7 RM1, 5 SP1–4 N4, 12, 15	Workbook 1B Section 6.3  Try It! video 9	1011
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149-153

SAT 13TH FEB-SUN 21ST FEB HALF TERM

MON 22ND FEB

Spring term / Week 8	6.4 Division of a Decimal by a Whole Number	• Use the four operations with decimals	DF1, 2, 7 RM1, 5 SP1–4 N4, 12	Workbook 1B Section 6.4	1008
	6.5 Mental Calculation and Conversion between Units	• Convert between units of measure	DF1, 2, 7 RM1, 5 SP1–4 N12 R1	Workbook 1B Section 6.5 k Try It! video 13	1013, 1091,

153-160

MON 1ST MARCH

Spring term / Week 9	6.6 Division of a Decimal by a Decimal	• Use the four operations with decimals	DF1, 2, 7 RM1, 5 SP1–4 N4, 12	Workbook 1B Section 6.6 k Try It! video 21	1923
	6.7 Rational Numbers and Real Numbers	• Convert between decimals and fractions • Identify recurring decimals and real numbers	DF1, 2, 5, 7 RM1, 5 SP1–4 N9, 12, 15, 16	Workbook 1B Section 6.7 k Try It! video 24	1773, 1016

160-166

MON 8TH MARCH

Spring term / Week 10	Chapter 7 Percentages			k Chapter 7 introduction video k Chapter 7 online skills test k Chapter 7 end-of-chapter test and mark scheme Graded Question Bank 1, Chapter 7 k Fully-worked solutions: Chapter 7 in Workbook 1B, and Graded Question Bank 1	
	7.1 Meaning of Percentage	• Define percentage as 'number of parts per hundred' • Interpret a percentage as a fraction or a decimal • Convert a fraction or a decimal to a percentage • Compare two quantities using percentages • Express one quantity as a percentage of another	DF1, 2, 5, 7 RM1, 5 SP1–4 N3, 10, 12	Workbook 1B Section 7.1 k Try It! video 1	1030, 1962, 1963, 1029, 1015

171-176

MON 15TH MARCH

Spring term / Week 11	7.2 Percentage of a Quantity	• Find a percentage of a quantity using multiplication	DF2, 5, 7 RM1, 5 SP1–4 N10, 11, 12	Workbook 1B Section 7.2 k Try It! videos 8, 10, 11	1030, 1031, 1962, 1963
	7.3 Reducing and Increasing a Quantity by a Percentage	• Reduce or increase a quantity by a percentage	DF2, 5, 7 RM1, 5 SP1–4 N10, 11, 12 R8	Workbook 1B Section 7.3 k Try It! videos 14, 18	1060, 1073

176-188

MON 22ND MARCH

Spring term / Week 12	Review and assessment: Integrated Examples and Review Exercise 2 Problem-solving Processes and Heuristics		Int Ex & Rev Ex 2 DF1, 2, 4, 5, 7 RM1, 5 SP1–4 N1, 2, 4, 5, 9, 10, 11, 12, 13 A2, 5 R1, 3, 8 PS Processes & Heuristics DF2, 3, 4, 5, 7 RM1, 3, 5 SP1–4 N2, 3, 10, 12 A2, 6, 7, 10	Workbook 1B Review 2	
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191-202

MON 29TH MARCH

FRI 2ND APRIL-MON 19TH APRIL EASTER HOLS