	Торіс	Learning Objective	HPL	Galore Park 2 Page	Galore Park 2 Exercise	Additional Resources	Support	Extend	Key Questions
Year 7 Autumn	Term						GP1 Chapter		
Weeks 1 - 2	Decimals	GP2 Chapter 6					8 & 14		
	Worded problems 4 ops - Singapore bar modelling	Look at the first page of CE non-calc	Realising (Speed & Accuracy)	106-108, 112	Ex 6.1, 6.2, 6.5	CE Level 2 Non Calc first pages	CE Level 1	CE Level 3	Using 4 operations with money
	Mulipying by a decimal	Link this with estimating	Linking (find connections)	108-109	Ex 6.3	Does multipying always make something bigger?	GP1 p219-	Ex 6.4	2.64 x 0.4
	Dividing by a decimal	Link to fractions (eg 1/2 - 0.5)	Linking (abstraction)	113-115	Ex 6.8	Maths pad tools	Divide a decimal first	Ex 6.9	2.64 = 0.4
	Prime Numbers &						GP1 Chapter		
Weeks 1 - 2	Factors	GP2 Chapter 2					5		
Revision	Prime Numbers & divisibility rules	Understand rules of divisibility and apply to find prime numbers; know prime numbers up to 50	Realising (automatic)	32	Ex. 2.1		GP1 Chapter 5		Is 51 a Prime Number?
	Product of Prime Factors	Write as the Product of Prime Factors	Linking (generalisati on)	35	Ex. 2.2		GP1 Ex 5.7 and 5.8		Write 315 as the product of prime factors
	HCF and LCM	Find HCF and LCM by using Prime Factors and Venn Diagrams	Analysing (Precision)	37	Ex. 2.3		GP1 Ex 5.9 and 5.10		Find the HCF and the LCM of 315 and 210
Revision	Square, cube triangle numbers	Recognise and extend sequences of these	Agile (enquiring)	38	Ex.2.4 & 2.5		GP1 Chapter 5	Also page 224, Ex. 11.7 in Algebra chapter	a) Name a square number that is also a cube number. b) Write down the 5th triangle number
Extension	Square Roots	Find Square Roots using Prime Factors	Meta- Thinking (Meta Cognition)	49	Ex. 2.10		GP1 Chapter 5	Find Cube Roots using Prime Factors	Using prime factors prove that 576 is a square number
							di i chapter 5	lactors	STOTS & Square Humber
Weeks 3 - 6 (one week French			It is worth usi some of these	e questions	to practice		GP1 Chapter		
Trip)	Fractions	GP2 Chapter 3	using the frac	tion buttor			7	Equivalent Fraction	
Revision	Equivalent fractions	Find and use equivalent fractions; use to cancel down or simplify	working (Practice)	54	Ex 3.1			dominoses WS p72	Which is larger: 4/9 or 5/12?
	Equivalent fractions, decimals and percentages	Understand how to convert between equivalent FDP and recognise common FDP	Linking (generalisati on)	56	Ex 3.2			FDP dominoes GP3	write 0.65 as a fraction and %
Revision	Mixed & Improper Fractions	Converting Between Mixed numbers and improper fractions	Realising (automatic)	58	Ex 3.3				Which fraction is closer to 3: 15/6 or 3 1/3?
		Add and Subtract fractions less than one	Realising (speed &		Ex 3.4 & 3.5 (first				
Revision	Add & Subtract fractions	whole	accuracy)	59 & 61	half of ex)				2/5 - 1/7 =
	Addition with mixed numbers	Add fractions greater than one whole	Analysing (precision)	60	Ex 3.4 (second half)				3 3/4 + 3 2/3 =
	Subtracting with mixed numbers	Subtract fractions greater than one whole	Analysing (precision)	61	Ex 3.5				5 1/6 - 1 5/8 =
	Worded fraction questions	Apply addition and subtraction to worded questions involving fractions	Linking (generalisati on)	62	Ex 3.6				l eat 1/4 of a pizza and my brother eats 2/3 of the same pizza. What fraction of the pizza remains?
Revision	Fraction of an amount	Find fractions of amounts by division and multiplication; then link the "of" to multiplying a fraction and a whole number	Agile (flexible thought process)	63	Ex 3.7			Green Robson p31	5/34 of 306 =
Revision	Multiplying fractions	Multiplying a fraction by a fraction; learn the rules and cross cancelling first	Hard working (Practice)	65	Ex 3.8			NODSON P31	2/3 x 6/7 x 14/15 =
	Dividing fractions	Divide a fraction by a fraction; learn the rules	Linking (generalisati on)	66	Ex 3.10				4/5 <del>=</del> 7/10 =
	Muliply and Divide Worded Problems	Solve worded problems using proportional reasoning	Hard working (perseveranc e)	Use WS		<u>Fractions</u> wordy.pages			If a horse eats 3/5 of a bale of hay in one week, how long will it take the horse to eat 15 bales of hay?
Extension	What a fraction calculation means	Link to FDP and division, writing calculations in different ways	Creating (flexible thinking)	67	Ex 3.9				Write 4 x 1/2 in as many different but equivalent calculations as possible
Extension	Mixed operations with fractions	Apply rules of BIDMAS	Linking (connection finding)	68	Ex 3.11			Ex 3.13	1/4 + 2/3 x 4/5
		Use all 4 operations to solve word problems	Analysing (logical thinking)	68	Ex 3.12				My car journey takes half an hour. One fifth of the journey is spent in a traffic jam. What fraction of an hour is spent in the traffic jam?
7S extension work GP3	Fractions on calculator			60	Ex 3.14				
	Summary exercise			64	EX 3.14 EX 3.16				
Weeks 7 - 8	Algebra: Expressions	GP2 Chapter 7					GP1 Chapter 12		
Revision	Negative Numbers	Be able to work with the 4 operations and negatives: when add and subtract, picture a number line (where do I start, where am I going)	Realising	131-135	Ex 7.7-Ex. 7.10		GP1 Chapter 11 p177-181		-6 + 4 =
Revision	Rules of written algebra	Use rules of written algebra to write simple expressions	Linking			https://app.mymaths.co. uk/1691-homework/rules and-formulae	GP1 Chapter 12		True or false: 2a = a x a

	Simplify by collecting like	Add and subtract like terms by							
	Simplify by collecting like terms	understanding the components of an expression	Analysing	125	Ex. 7.1		GP1 Chapter 12		3d - 5 - 2c - d + 2 =
		Multiply like terms to create powers of a	, ,				· ·		
	Index Numbers	term; link this to square and cubes etc.	Linking	126	Ex. 7.2				2a x 3a
	en alte la substance a				5 7 9 I				
	Simplify by multiplying or dividing terms	Multiply and Divide terms in an expression by understanding coefficients and powers	Analysing	127	Ex 7.3 and Ex. 7.4				True or false: 3b x 2b = 10b/2
		Substitute positive and negative values	Anarysing	127	LA. 7.4				11 de 61 1dise: 55 x 25 - 106/2
		into expressions, understanding the rules							If a = 2 and b = -3, find the
	Substitution	of written algebra	Linking	136	Ex. 7.11		-	Ex. 7.15	value of 3a - 2b
		Substitute integers and decimal values into formulae	Analysing	137	Ex. 7.12				If a = 1/2 and b = 0.25, find the value of 3a - 2b
		io made	Andryshing	157	LA. 7.12				Write an expression for the
									perimeter of a rectangle (P) if
		Write an expressison or a formula from a							the length is x and the width is
7S extension work	Write expressions and formula	worded situation	Agile	138	Ex. 7.13		GP1 Chapter 12	Ex. 7.14	у.
GP3	Substituting (more tricky)			181	Ex 9.2				
	Substituting into area								
	formulea Finding unknown quantity			184 185	Ex 9.3 Ex 9.4				
Half Term	Finding unknown quantity			185	EX 9.4				
	Algebra: Brackets and								
Weeks 8 - 9	Equations	GP2 Chapter 11	This chapter new materia						
WEEKS 0 - J	Equations	Expand brackets remembering to multiply	new materia		Ex 11.1 /				
	Expand brackets	both terms	Hardworking	216	11.2				4(2 - 3x)
		Multiply out more complex expressions							
	Expand brackets and simplify	with brackets (also with negative signs) and then simplify	Analysis -	217	Ex 11.3/				3x + 5(2+3x) AND 2(3-x) - (6-
	Expand brackets and simplify	and then simplify	Analysing	217	11.4		<u> </u>	To 3 terms	2x)
		Look for HCF to factorise expressions over						and index	
	Factorise	2 terms	Linking	219	Ex 11.5			terms	Factorise 8pq+16p^2
		Solve one-step and two step another							
Revision	Solve equations	Solve one-step and two-step equations, when the solution can be a negative value	Realising	222	Ex 11.6		GP1 Chapter 12		negative unknown 7=8-2b
	Solving equations with x^2		Linking	225	Ex 11.8				x^2 = 0.16
		Solve equations with brackets by either							
	Equations with brackets	expanding brackets first or by dividing by the coefficient of the bracket	Linking	225	Ex 11.9			Ex. 11.11	2(x-1) + 3(x-4) = 1
	Equations with brackets	Solve equations involving a fraction (ie	LIIKIIg	225	LX 11.5			LA. 11.11	2(x-1) + 3(x-4) - 1
	Fractions and equations	some form of division)	Analysing	228	Ex. 11.10			Ex. 11.13	(2x+4)/5 = 2
									A rectangle's length is x cm longer than the width. The
									width is 5 cm. The area of the
		Write and solve an equation from a							rectangle is 60 cm^2. Write an
	Write equations	worded problem.	Agile	229	Ex 11.12		GP1 Chapter 12		equation and solve to find x.
7S extension work GP3	Expanding quadratics			296	Ex 14.4				
UFJ									
	Expanding squares			297	Ex 14.5				
	Factorising			299	Ex 14.6				
	Factorising Difference of 2 squares								
	Factorising Difference of 2 squares Factorising difference of 2			299 299	Ex 14.6 Ex 14.7				
Week 9	Factorising Difference of 2 squares	(Non-Calc) during lessons		299	Ex 14.6				
	Factorising Difference of 2 squares Factorising difference of 2 squares	(Non-Calc) during lessons	A good chan	299 299 300	Ex 14.6 Ex 14.7		GP1 Chapter		
Week 9	Factorising Difference of 2 squares Factorising difference of 2 squares		A good chapt	299 299 300 er to use	Ex 14.6 Ex 14.7		GP1 Chapter 17		
Week 9	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment	(Non-Calc) during lessons GP2 Chapter 9 Use rules of conversion to find equivalent	A good chapt	299 299 300 er to use	Ex 14.6 Ex 14.7		GP1 Chapter 17		What is 43% as a decimal and
Week 9	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P		299 299 300 er to use	Ex 14.6 Ex 14.7				What is 43% as a decimal and a fraction
Week 9 Week 9 - 11	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to	the calculato	299 299 300 er to use with 173	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1				a fraction
Week 9 Week 9 - 11	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation	the calculato	299 299 300 er to use r with	Ex 14.6 Ex 14.7 Ex 14.8				
Week 9 Week 9 - 11	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to	the calculato	299 299 300 er to use with 173	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1				a fraction
Week 9 Week 9 - 11	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR	the calculato	299 299 300 er to use with 173	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1			Ex. 9.7	a fraction
Week 9 Week 9 - 11	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR Apply finding % amounts to worded	the calculato Realising Linking Linking	299 299 300 er to use r with 173 174	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1 Ex 9.2 Ex. 9.3				a fraction 12% of 12 m
Week 9 Week 9 - 11	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR	the calculato Realising Linking	299 299 300 er to use r with 173 174	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1 Ex 9.2			Ex. 9.7 Ex. 9.7	a fraction 12% of 12 m
Week 9 Week 9 - 11	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR Apply finding % amounts to worded problems By using a fraction multiplication, write	the calculato Realising Linking Linking	299 299 300 er to use r with 173 174	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1 Ex 9.2 Ex. 9.3				a fraction 12% of 12 m
Week 9 Week 9 - 11	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages A percentage of an amount	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR Apply finding % amounts to worded problems By using a fraction multiplication, write one amount as a percentage of another:	the calculato Realising Linking Linking Analysing	299 299 300 er to use with 173 174 176 177	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1 Ex 9.1 Ex 9.2 Ex. 9.3 Ex. 9.4				a fraction 12% of 12 m 3% of 9.5 kg
Week 9 Week 9 - 11	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR Apply finding % amounts to worded problems By using a fraction multiplication, write one amount as a percentage of another: or find the percentage given two amounts	the calculato Realising Linking Linking Analysing	299 299 300 er to use r with 173 174	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1 Ex 9.2 Ex. 9.3				a fraction 12% of 12 m
Week 9 Week 9 - 11	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages A percentage of an amount	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR Apply finding % amounts to worded problems By using a fraction multiplication, write one amount as a percentage of another:	the calculato Realising Linking Linking Analysing	299 299 300 er to use with 173 174 176 177	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1 Ex 9.1 Ex 9.2 Ex. 9.3 Ex. 9.4				a fraction 12% of 12 m 3% of 9.5 kg
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Week 9 Week 9 - 11	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages A percentage of an amount Write as a percentage	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR Apply finding % amounts to worded problems By using a fraction multiplication, write one amount as a percentage of another: or find the percentage given two amounts Extend understanding of writing a percentage to include the terms profit,	the calculate Realising Linking Linking Analysing Analysing	299 299 300 er to use with 173 174 176 177 178	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1 Ex 9.2 Ex. 9.3 Ex. 9.4 Ex. 9.5				a fraction 12% of 12 m 3% of 9.5 kg Write 45 out of 60 as a % I buy a book for £5 and sell it for £4. What is my % loss? In a sale, all prices are reduced
Week 9 Week 9 - 11	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages A percentage of an amount Write as a percentage	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR Apply finding % amounts to worded problems By using a fraction multiplication, write one amount as a percentage of another: or find the percentage given two amounts Extend understanding of writing a percentage to include the terms profit,	the calculate Realising Linking Linking Analysing Analysing	299 299 300 er to use with 173 174 176 177 178	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1 Ex 9.2 Ex. 9.3 Ex. 9.4 Ex. 9.5 Ex. 9.6				a fraction 12% of 12 m 3% of 9.5 kg Write 45 out of 60 as a % I buy a book for £5 and sell it for £4. What is my % loss? In a sale, all prices are reduced by 20%. What would be the
Week 9 Week 9 - 11	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages A percentage of an amount Write as a percentage	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR Apply finding % amounts to worded problems By using a fraction multiplication, write one amount as a percentage of another: or find the percentage given two amounts Extend understanding of writing a percentage to include the terms profit, loss and cost price	the calculato Realising Linking Analysing Analysing Linking	299 299 300 er to use with 173 174 176 177 178	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1 Ex 9.2 Ex. 9.3 Ex. 9.4 Ex. 9.5				a fraction 12% of 12 m 3% of 9.5 kg Write 45 out of 60 as a % I buy a book for £5 and sell it for £4. What is my % loss? In a sale, all prices are reduced
Week 9 Week 9 - 11 Revision	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages A percentage of an amount Write as a percentage % Profit and Loss	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR Apply finding % amounts to worded problems By using a fraction multiplication, write one amount as a percentage of another: or find the percentage given two amounts Extend understanding of writing a percentage to include the terms profit, loss and cost price Find the new total from a worded	the calculato Realising Linking Linking Analysing Linking Meta-	299 299 300 r to use r with 173 174 176 177 178 180	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1 Ex 9.2 Ex. 9.3 Ex. 9.4 Ex. 9.5 Ex. 9.6 Ex. 9.6 q.				a fraction 12% of 12 m 3% of 9.5 kg Write 45 out of 60 as a % I buy a book for £5 and sell it for £4. What is my % loss? In a sale, all prices are reduced by 20%. What would be the sale cost of an item originally costing £64?
Week 9 Week 9 - 11 Revision 75 extension work	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages A percentage of an amount Write as a percentage % Profit and Loss % Increase and Decrease	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR Apply finding % amounts to worded problems By using a fraction multiplication, write one amount as a percentage of another: or find the percentage given two amounts Extend understanding of writing a percentage to include the terms profit, loss and cost price Find the new total from a worded	the calculato Realising Linking Linking Analysing Linking Meta-	299 299 300 r to use r with 173 174 176 177 178 180	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1 Ex 9.2 Ex. 9.3 Ex. 9.4 Ex. 9.5 Ex. 9.6 ex. 9.6 q. 8 onwards				a fraction 12% of 12 m 3% of 9.5 kg Write 45 out of 60 as a % I buy a book for £5 and sell it for £4. What is my % loss? In a sale, all prices are reduced by 20%. What would be the sale cost of an item originally costing £64? Bill was £52.50, after VAT
Week 9 Week 9 - 11 Revision	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages A percentage of an amount Write as a percentage % Profit and Loss	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR Apply finding % amounts to worded problems By using a fraction multiplication, write one amount as a percentage of another: or find the percentage given two amounts Extend understanding of writing a percentage to include the terms profit, loss and cost price Find the new total from a worded	the calculato Realising Linking Linking Analysing Linking Meta-	299 299 300 r to use r with 173 174 176 177 178 180	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1 Ex 9.2 Ex. 9.3 Ex. 9.4 Ex. 9.5 Ex. 9.6 Ex. 9.6 q.				a fraction 12% of 12 m 3% of 9.5 kg Write 45 out of 60 as a % I buy a book for £5 and sell it for £4. What is my % loss? In a sale, all prices are reduced by 20%. What would be the sale cost of an item originally costing £64?
Week 9 Week 9 - 11 Revision 75 extension work	Factorising Difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages A percentage of an amount Write as a percentage % Profit and Loss % Increase and Decrease Percentage change Finding the original amount	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR Apply finding % amounts to worded problems By using a fraction multiplication, write one amount as a percentage of another: or find the percentage given two amounts Extend understanding of writing a percentage to include the terms profit, loss and cost price Find the new total from a worded	the calculato Realising Linking Linking Analysing Linking Meta-	299 299 300 173 174 177 177 177 178 180 181	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1 Ex 9.1 Ex 9.2 Ex 9.3 Ex 9.4 Ex 9.5 Ex 9.6 Ex 9.6 q. 8 onwards Ex 5.5 Ex 5.6 / 5.7				a fraction 12% of 12 m 3% of 9.5 kg Write 45 out of 60 as a % I buy a book for £5 and sell it for £4. What is my % loss? In a sale, all prices are reduced by 20%. What would be the sale cost of an item originally costing £64? Bill was £52.50, after VAT
Week 9 Week 9 - 11 Revision 75 extension work	Factorising Difference of 2 squares Factorising difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentage of an amount A percentage of an amount Write as a percentage % Profit and Loss % Increase and Decrease Percentage change	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR Apply finding % amounts to worded problems By using a fraction multiplication, write one amount as a percentage of another: or find the percentage given two amounts Extend understanding of writing a percentage to include the terms profit, loss and cost price Find the new total from a worded	the calculato Realising Linking Linking Analysing Linking Meta-	299 299 300 173 174 176 177 177 178 180 181	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1 Ex 9.1 Ex 9.2 Ex. 9.3 Ex. 9.4 Ex. 9.5 Ex. 9.6 Ex. 9.6 Ex. 9.6 Ex. 9.6 Ex. 9.6 Ex. 9.5 Ex. 5.5 Ex.5.5 Ex.5.6				a fraction 12% of 12 m 3% of 9.5 kg Write 45 out of 60 as a % I buy a book for £5 and sell it for £4. What is my % loss? In a sale, all prices are reduced by 20%. What would be the sale cost of an item originally costing £64? Bill was £52.50, after VAT
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Week 9 Week 9 Week 9-11 Revision	Factorising Difference of 2 squares Factorising difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages A percentage of an amount Write as a percentage % Profit and Loss % Increase and Decrease Percentage change Rinding the original amount Compund interest	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR Apply finding % amounts to worded problems By using a fraction multiplication, write one amount as a percentage of another: or find the percentage given two amounts Extend understanding of writing a percentage to include the terms profit, loss and cost price Find the new total from a worded problem, given a % increase or decrease	the calculato Realising Linking Linking Analysing Linking Meta-	299 299 300 173 174 177 177 177 178 180 181	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1 Ex 9.1 Ex 9.2 Ex 9.3 Ex 9.4 Ex 9.5 Ex 9.6 Ex 9.6 q. 8 onwards Ex 5.5 Ex 5.6 / 5.7		17 		a fraction 12% of 12 m 3% of 9.5 kg Write 45 out of 60 as a % I buy a book for £5 and sell it for £4. What is my % loss? In a sale, all prices are reduced by 20%. What would be the sale cost of an item originally costing £64? Bill was £52.50, after VAT
Week 9 Week 9-11 Revision 75 extension work	Factorising Difference of 2 squares Factorising difference of 2 squares Factorising difference of 2 squares Assessment Percentages Fractions, decimals and percentages A percentage of an amount Write as a percentage % Profit and Loss % Increase and Decrease Percentage change Rinding the original amount Compund interest	GP2 Chapter 9 Use rules of conversion to find equivalent FD and P Find a percentage amount by relating it to a fraction calculation Find a percentage amount by relating it to a decimal calculation and USE a CALCULATOR Apply finding % amounts to worded problems By using a fraction multiplication, write one amount as a percentage of another: or find the percentage given two amounts Extend understanding of writing a percentage to include the terms profit, loss and cost price Find the new total from a worded	the calculato Realising Linking Linking Analysing Linking Meta-	299 299 300 173 174 177 177 177 178 180 181	Ex 14.6 Ex 14.7 Ex 14.8 Ex 9.1 Ex 9.1 Ex 9.2 Ex 9.3 Ex 9.4 Ex 9.5 Ex 9.6 Ex 9.6 q. 8 onwards Ex 5.5 Ex 5.6 / 5.7				a fraction 12% of 12 m 3% of 9.5 kg Write 45 out of 60 as a % I buy a book for £5 and sell it for £4. What is my % loss? In a sale, all prices are reduced by 20%. What would be the sale cost of an item originally costing £64? Bill was £52.50, after VAT £67.86. What was the % VAT?
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Not bottom set	Area of a kite, a rhombus and other quadrilaterals	Look at properties of diagonals and use to find area	Linking	264	Ex. 13.10		
Extension	Units of area		Agile	266	Ex 13.11		What is 1 square metre in square cm?
7S extension work							
GP3	Pythagoras						
	et a discontra da contra contra con			205	Ex 10.2 /		
	Finding the hypotenuse			205	10.3 Ex 10.4 /	 	
	Finding not the hypotenuse			209	EX 10.4 / 10.5		
	Isosceles triangles			212	Ex 10.6		
	Pythagorean Triplets			215	Ex 10.7 / 10.8		
	Pythagorean Triplets			215	10.8	 	
	Mixed problems			217	10.37		
	Christmas Area						
Last week	Activities and Puzzles						
	Xmas Cards based on area of shapes/images		Realising				
	Tangram square		Analysing	251	Ex 13.1/13.2		
END OF TERM							