Wk	Progression Focus	Weekly Summary	Strands	Objectives
23	**Revision: place value and decimals** Week 23 focuses on revision of place value in large numbers and in decimal fractions.	Revise reading, writing, comparing and ordering numbers with up to seven digits and decimal numbers with up to three decimal places; revise rounding decimal numbers to the nearest tenth and whole number; revise rounding big numbers to the nearest thousand, ten thousand, hundred thousand and million; revise locating a number on a number line marking numbers it lies between; revise comparing and ordering negative numbers including calculating differences between negative numbers and positive and negative numbers	**NPV** Number and place value; **DPE** Decimals, percentages and their equivalence to fractions	• **NPV.76** Read, write, compare and order 7-digit numbers • **NPV.77** Locate 7-digit numbers on a line and round to nearest million • **NPV.81** Round any whole number to a required degree of accuracy • **NPV.72** Read, write and order negative numbers • **NPV.73** Use negative numbers in context, and calculate intervals across zero • **DPE.75** Identify the value of each digit in numbers given to 3 decimal places • **DPE.82** Compare and order numbers with up to 3 decimal places • **DPE.76** Multiply and divide by 10, 100 and 1000 giving answers up to 3 decimal places • **DPE.77** Round decimals to nearest tenth and nearest whole number
24	**Revision** Week 24 focuses on revision of: mental and written strategies in addition and subtraction; finding percentages; order of operations; and finding unknowns in equations.	Revise adding and subtracting whole numbers and decimal numbers using mental and written methods; revise finding percentages of numbers, converting fractions, decimals and percentages and making comparisons using percentages; revise how brackets can be used in calculation problems, revise the order of operations for calculations involving the four operations; revise solving missing number problems using inverse operations; revise using trial and	**NPV** Number and place value; **MAS** Mental addition and subtraction; **WAS** Written addition and subtraction; **DPE** Decimals, percentages and their equivalence to fractions; **FRP** Fractions, ratio and proportion; **PRA** Problem solving, reasoning and algebra; **GPS** Geometry: properties of shapes	• **NPV.88** Solve number and practical problems that involve square and cube numbers, numbers up to 10 000 000 and rounding any whole number to a required degree of accuracy • **MAS.75** Solve additions

improvement to solve equations involving one or two unknowns, and find missing lengths and angles

using appropriate mental strategies

- **MAS.78** Solve subtractions using appropriate mental strategies
- **MAS.84** Perform mental additions and subtractions with mixed operations and large numbers
- **MAS.80** Add mixed decimal numbers using appropriate mental strategies
- **MAS.82** Subtract mixed decimal numbers using appropriate mental strategies
- **WAS.76** Subtract 5- and 6-digit numbers using column subtraction
- **WAS.79** Subtract large numbers using column subtraction (6–7 digits)
- **WAS.73** Add decimal numbers using column addition
- **WAS.82** Choose the most appropriate method to add and subtract decimal numbers
- **DPE.80** Find simple percentages of amounts
- **DPE.83** Solve problems involving the calculation of percentages and the use of percentages for comparison
- **FRP.86** Associate a fraction with division and calculate decimal fraction equivalents
- **PRA.82** Use order of

				operations and brackets for calculations involving the four operations • **GPS.83** Find missing lengths and angles in shapes
25	**Revision: multiplication and division** Weeks 25 and 26 focus on revision of: written algorithms for multiplication and division and mental strategies including the use of factors; finding fractions of amounts; and calculating mean average.	Revise scaling, using mental strategies for multiplying and dividing; revise solving problems involving rate; revise multiplying pairs of 2-digit numbers and finding factors of 2-digit numbers; multiply 3-digit and 4-digit numbers including decimals by whole 1-digit numbers and solve word problems involving multiplication of money and measures; use a systematic approach to solve problems involving multiplication and division, including long multiplication of 3-digit and 4-digit numbers and decimals	**MAS** Mental addition and subtraction; **FRP** Fractions, ratio and proportion; **WMD** Written multiplication and division; **MMD** Mental multiplication and division; **PRA** Problem solving, reasoning and algebra; **NPV** Number and place value	• **MAS.84** Perform mental additions and subtractions with mixed operations and large numbers • **FRP.89** Solve problems involving similar shapes where the scale factor is known or can be found • **WMD.68** Solve problems involving multiplication and division including scaling by simple fractions and problems involving simple rates • **WMD.70** Use long multiplication to multiply 2-digit and 3-digit numbers by 2-digit numbers (friendly numbers) • **WMD.86** Use long multiplication to multiply 3- and 4-digit numbers with 2 decimal places by numbers between 10 and 30 • **MMD.61** Identify factors and multiples, and begin to find common factors • **PRA.75** Solve problems involving addition, subtraction, multiplication and division • **NPV.88** Solve number and practical problems that involve square and cube numbers, numbers up to 10 000 000 and rounding any whole number to a

				required degree of accuracy
26	**Revision: multiplication and division** Weeks 25 and 26 focus on revision of: written algorithms for multiplication and division and mental strategies including the use of factors; finding fractions of amounts; and calculating mean average.	Revise using short division to find unit fractions of amounts, including decimals, and round answers to money problems according to the context; revise using long division to divide 4-digit by 2-digit numbers, giving remainders as a fraction, simplifying where possible; revise using long division to divide 3-digit and 4-digit numbers by numbers between 10 and 30, writing the fractional part of the answer as a decimal where equivalents are known; revise calculating the mean average; revise reading and marking coordinates in all four quadrants, draw simple polygons and find missing coordinates on a polygon or line	**WMD** Written multiplication and division; **PRA** Problem solving, reasoning and algebra; **NPV** Number and place value; **STA** Statistics; **GPD** Geometry: position and direction	• **WMD.89** Use written division methods in cases where the answer has up to 2 decimal places • **WMD.59** Understand when it is appropriate to round up or down after division • **WMD.87** Use long division to divide 4-digit numbers by 2-digit numbers • **WMD.88** Use long division to divide 3-digit and 4-digit numbers by numbers between 10 and 30, writing the fractional part of the answer as a decimal • **PRA.81** Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy • **PRA.88** Solve problems which require answers to be rounded to specified degrees of accuracy (fractions, decimals, percentages) • **PRA.80** Solve problems which require knowing percentage and decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and those fractions with a denominator of a multiple of 10 or 25 • **NPV.88** Solve number and practical problems that involve square and cube numbers, numbers up to

10 000 000 and rounding any whole number to a required degree of accuracy

- **STA.77** Calculate and interpret the mean as an average
- **GPD.77** Describe and mark positions on the full co-ordinate grid (all four quadrants)
- **GPD.81** Find missing co-ordinates for a vertex on a polygon
- **GPD.84** Draw and translate simple shapes on the co-ordinate plane, and reflect them in the axes