Curriculum Strand	Week	Learning Objective Curriculum Sub-strand	Additional Activities	Professor Assessor Assessment	Rec. No. of Questions	Estimated Test Duration
NUMBER AND PLACE VALUE CALCULATIONS (+/ -)	1	✓ 5N3b – Read Roman numerals to 1000 (M) and recognise years written in Roman numerals ✓ 5C1 - Add and subtract numbers mentally with increasingly large numbers ✓ 5C3 - Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy	✓ 5N1 - Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000 ✓ 5N2 - Read, write, order and compare numbers to at least 1 000 000 ✓ 5N3a - Determine the value of each digit in numbers up to 1 000 000			
CALCULATION (x/÷)	2	✓ 5C6a - Multiply and divide numbers mentally drawing upon known facts ✓ 5C6b - Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 ✓ 5C8b - Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign	✓ 5N4 - Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 ✓ 5N5 - Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero	5N3b 5C1 5C3 5C6a 5C6b 5C8b	36	40 – 55 mins
FRACTIONS	3	✓ 5F2a - Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number [for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$] ✓ 5F2b- Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.read and write decimal numbers as fractions [for example, $0.71 = \frac{71}{100}$] ✓ 5F3 - Compare and order fractions whose denominators are all multiples of the same number	✓ 5N1 - Count forwards or backwards in steps of powers of 10 for any given number up to 1000 000 ✓ 5N5 - Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero			
FRACTIONS	4	✓ 5F4 - Add and subtract fractions with the same denominator and denominators that are multiples of the same number ✓ 5F11 - Recognise the per cent symbol (%) and understand that per cent relates to "number of parts per hundred", and write percentages as a fraction with	✓ 5N2 - Read, write, order and compare numbers to at least 1 000 000 ✓ 5N3a - Determine the value of each digit in numbers up to 1 000 000 ✓ 5N4 - Round any number up to 1 000 000 to the	5F2a 5F2b 5F3 5F4	36	40 – 55 mins

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		denominator 100, and as a decimal ✓ 5F12 - Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25	nearest 10, 100, 1000, 10 000 and 100 000	5F11 5F12		
MEASUREMENT	5	✓ 5M4 - Solve problems involving converting between units of time. ✓ 5M5 - Convert between different units of metric measure [for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre] ✓ 5M6 - Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints	✓ 5M9b - Use all four operations to solve problems involving measure [eg: length] using decimal notation including scaling ✓ 5M9c - Use all four operations to solve problems involving measure [eg: mass] using decimal notation including scaling			
MEASUREMENT	6	✓ 5M7a - Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres ✓ 5M7b - Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm^2) and square metres (m^2) and estimate the area of irregular shapes ✓ 5M8 - Estimate volume [for example, using 1 cm^3 blocks to build cuboids (including cubes)] and capacity [for example, using water].	✓ 5M9a - Use all four operations to solve problems involving measure [money] using decimal notation including scaling ✓ 5M9d - Use all four operations to solve problems involving measure [eg: volume] using decimal notation including scaling	5M4 5M5 5M6 5M7a 5M7b 5M8	36	40 – 55 mins
CALCULATION (x/÷)	7	✓ 5C5a - Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers ✓ 5C5b – Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers ✓ 5C5c – Establish whether a number up to 100 is prime and recall prime numbers up to 19 ✓ 5C5d – Recognise and use square numbers and cube numbers, and the notation for squared (^{2}) and cubed (^{3})	✓ 5C3 - Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy 5C4 - Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why			

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FRACTIONS	8	✓ 5F5 - Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams ✓ 5F10 - Solve problems involving number up to three decimal places	✓ 5C1 - Add and subtract numbers mentally with increasingly large numbers ✓ 5C2 - Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) ✓ 5C3 - Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy	5c5a 5C5b 5C5c 5C5d 5F5 5F10	36	40 – 55 mins
CALCULATIONS (+/ -)	9	✓ 5C1 - Add and subtract numbers mentally with increasingly large numbers ✓ 5C2 - Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) ✓ 5C4 - Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	✓ 5N1 - Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000 ✓ 5N2 - Read, write, order and compare numbers to at least 1 000 000			
CALCULATION (x/÷)	10	✓ 5C8a - Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes ✓ 5C8c – Solve problems involving multiplication and division including scaling by simple fractions and problems involving simple rates	✓ 5N3a - Determine the value of each digit in numbers up to 1 000 000 ✓ 5N4 - Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000	5C1 5C2 5C4 5C8a 5C8c	30	30 – 45 mins
FRACTIONS	11	✓ 5F6a - Read and write decimal numbers as fractions [for example, $0.71 = {}^{71}/_{100}$] ✓ 5F6b - Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents ✓ 5F7 - Round decimals with two decimal places to the nearest whole number and to one decimal place ✓ 5F8 - Read, write, order and compare numbers with up to three decimal places	✓ 5N3b – Read Roman numerals to 1000 (M) and recognise years written in Roman numerals ✓ 5C1 - Add and subtract numbers mentally with increasingly large numbers			

PROBLEM SOLVING	12	✓ 5M7b - Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm^2) and square metres (m^2) and estimate the area of irregular shapes ✓ 5F12 - Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25	✓ 5C1 - Add and subtract numbers mentally with increasingly large numbers ✓ 5C2 - Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) ✓ 5C3 - Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy	5F6a 5F6b 5F7 5F8 5M7b 5F12	36	40 - 55 mins