ProfessorAssessor
Assessment Made Simple

Curriculum Strand	Week	Learning Objective / Curriculum Sub-strand	Additional Activities	Professor Assessor Assessment	Rec. No. of Questions	Estimated Test Duration
NUMBER AND PLACE VALUE	1	✓ 6N2 - Read, write, order and compare numbers up to 10 000 000 ✓ 6N3 - Determine the value of each digit in numbers up to 10 000 000 ✓ 6N4 - Round any whole number to a required degree of accuracy ✓ 6N5 - Use negative numbers in context, and calculate intervals across zero	✓ 6N6 - Solve number and practical problems that involve 6N2 – 6N5			
CALCULATIONS (+/ -)	2	✓ 6C4 - Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	✓ 6N5 - Use negative numbers in context, and calculate intervals across zero ✓ 6N6 - Solve number and practical problems that involve 6N2 – 6N5 ✓ 6C6 - Perform mental calculations, including with mixed operations and large numbers	6N2 6N3 6N4 6N5 6C4	20	20 – 35 mins
CALCULATION (x/÷)	3	✓ 6C7a - Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication ✓ 6C7b - Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context ✓ 6C7c - Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context	✓ 6N5 - Use negative numbers in context, and calculate intervals across zero ✓ 6C6 - Perform mental calculations, including with mixed operations and large numbers			
CALCULATION PROBLEM SOLVING	4	✓ 6C3 - Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy. ✓ 6C8 - Solve problems involving addition, subtraction, multiplication and division	✓ 6C4 - Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why ✓ 6C6 - Perform mental calculations, including with mixed operations and large numbers	6C7a 6C7b 6C7c 6C3	30	30 - 45 mins

Topic					
		✓ 6C9 - Use their knowledge of the order of operations to carry out calculations involving the four operations		6C8 6C9		
FRACTIONS	5	✓ 6F2 - Use common factors to simplify fractions; use common multiples to express fractions in the same denomination ✓ 6F3 - Compare and order fractions, including fractions >1 ✓ 6F4 - Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions	✓ 6N4 - Round any whole number to a required degree of accuracy ✓ 6C4 - Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why			
FRACTIONS	6	✓ 6F5a - Multiply simple pairs of proper fractions, writing the answer in its simplest form [e.g. ¼ × ½= ⅛] ✓ 6F5b - Divide proper fractions by whole numbers [e.g. ⅓ ÷ 2 = ⅙] ✓ 6F10 - Solve problems which require answers to be rounded to specified degrees of accuracy.	✓ 6N3 - Determine the value of each digit in numbers up to 10 000 000 ✓ 6C4 - Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	6F2 6F3 6F4 6F5a 6F5b 6F10	30	30 - 45 mins
GEOMETRY (SHAPE)	7	✓ 6G2a - Compare and classify geometric shapes based on their properties and sizes ✓ 6G2b – Describe simple 3-D shapes ✓ 6G3a - Draw 2D shapes using given dimensions and angles ✓ 6G3b - Recognise and build simple 3-D shapes, including making nets	✓ 6C3 - Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy. ✓ 6C6 - Perform mental calculations, including with mixed operations and large numbers	6G3a requires teacher assessment		
ALGEBRA	8	✓ 6A1 - Express missing number problems algebraically ✓ 6A2 - Use simple formulae ✓ 6A3 - Generate and describe linear number sequences	✓ 6C8 - Solve problems involving addition, subtraction, multiplication and division ✓ 6C9 - Use their knowledge of the order of operations to carry out calculations involving the four operations	6G2a 6G2b 6G3b 6A1 6A2 6A3	30	30 - 45 mins

MEASUREMENT	9	✓ 6M7a - Recognise that shapes with the same areas can have different perimeters and vice versa ✓ 6M7b - Calculate the area of parallelograms and triangles ✓ 6M7c - Recognise when it is possible to use the formulae for the area of shapes	✓ 6N2 - Read, write, order and compare numbers up to 10 000 000 ✓ 6N3 - Determine the value of each digit in numbers up to 10 000 000 ✓ 6N4 - Round any whole number to a required degree of accuracy			
MEASUREMENT	10	✓ 6M6 - Convert between miles and km ✓ 6M8a - Calculate, estimate and compare volume of cubes and cuboids using standard units, including centimetre cubed (cm³)and cubic metres (m³) and extending to other units [e.g. mm³ and km³]. ✓ 6M8b - Recognise when it is possible to use the formulae for the volume of shapes	✓ 6C3 - Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy. ✓ 6C6 - Perform mental calculations, including with mixed operations and large numbers ✓ 6C8 - Solve problems involving addition, subtraction, multiplication and division	6M6 6M7a 6M7b 6M7c 6M8a 6M8b	30	30 - 45 mins
FRACTIONS	11	✓ 6F6 - Associate a fraction with division and calculate decimal fraction equivalents [e.g. 0.375] for a simple fraction [e.g. ⅜] ✓ 6F9a - Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places ✓ 6F11 - Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.	✓ 6N2 - Read, write, order and compare numbers up to 10 000 000 ✓ 6N3 - Determine the value of each digit in numbers up to 10 000 000			
RATIO AND PROPORTION	12	✓ 6R1 - Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts ✓ 6R2 - Solve problems involving the calculation of percentages [e.g. of measures and such as 15% of 360] and the use of percentages for comparison ✓ 6R3 - Solve problems involving similar shapes where the scale factor is known or can be found	✓ 6N6 - Solve number and practical problems that involve 6N2 – 6N5 ✓ 6C4 - Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	6F6 6F9a 6F11 6R1 6R2 6R3	30	30 - 45 mins