



## Progression of skills in Maths: Ratio, Proportion and Algebra

Skills:	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Ratio and Proportion</b>						<p>solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts</p> <p>solve problems involving the calculation/use of percentages for comparison</p> <p>solve problems involving similar shapes where the scale factor is known or can be found</p> <p>solve problems involving unequal sharing and grouping using knowledge of fractions and multiples</p>
<b>Algebra</b>	solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = ? - 9$	recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems	solve problems, including missing number problems			<p>use simple formulae</p> <p>generate and describe linear number sequences</p> <p>express missing number problems algebraically</p>

						<p>find pairs of numbers that satisfy an equation with two unknowns</p> <p>enumerate possibilities of combinations of two variables</p>
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