

# Algebra



EQUATIONS						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and <b>missing number problems</b> such as $7 = \square - 9$ (appears in <i>Addition and Subtraction</i> )	recognise and use the inverse relationship between addition and subtraction and use this to check calculations and <b>missing number problems</b> (appears in <i>Addition and Subtraction</i> )	solve problems, including <b>missing number</b> problems, using number facts, place value, and more complex addition and subtraction (appears in <i>Addition and Subtraction</i> )		use the properties of rectangles to deduce related facts and <b>find missing lengths and angles</b> (appears in <i>Geometry: Properties of Shapes</i> )	express missing number problems algebraically
			solve problems, including <b>missing number</b> problems, involving multiplication and division, including integer scaling (appears in <i>Multiplication and Division</i> )			
		recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to				find pairs of numbers that satisfy number sentences involving two unknowns

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		100 <i>(appears in Addition and Subtraction)</i>				
	represent and use number bonds and related subtraction facts within 20 <i>(appears in Addition and Subtraction)</i>					enumerate all possibilities of combinations of two variables

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FORMULAE						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
				Perimeter can be expressed algebraically as $2(a + b)$ where a and b are the dimensions in the same unit. <i>(appears in measurement)</i>		use simple formulae
						recognise when it is possible to use <b>formulae</b> for area and volume of shapes <i>(appears in Measurement)</i>
SEQUENCES						
EYFS						
	sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening <i>(appears in Measurement)</i>	compare and sequence intervals of time <i>(appears in Measurement)</i>				generate and describe linear number sequences
		order and arrange combinations of mathematical objects in patterns <i>(appears in Geometry: position and direction)</i>				