



	Auti	imn Term						
 recall multiplication and division facts for multiplication and compare numbers to at least 1 000 000 and determine the value of each digit count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000 interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 solve number problems and practical problems that involve all of the above read Roman numerals to 1000 (M) and recognise years written in Roman numerals. 	Maths Meetings: X and ÷ mentally Itiplication tables up to 12 × 12use pla dividing by 1; mult	 Multiplication and Division drawing on known facts ce value, known and derived facts to multiply and 0 and 1; iplying together 3 numbers ind commutativity in mental calculations Multiplication and Division (1) identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers know and use the vocabulary of prime numbers, prime factors and composite (non- prime) numbers establish whether a number up to 100 is prime and recall prime numbers up to 19 multiply and divide numbers mentally drawing upon known facts multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3) solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes solve problems involving addition, subtraction, multiplication and division including using their knowledge of factors and multiples, squares and cubes solve problems involving addition, subtraction, multiplication and division including using their knowledge of factors and multiples, squares and cubes 	divide mentally, including: multiplying by Multiplication and Division: Measure Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre) understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints					
Spring Term								
Maths Meetings: Fluent in Five and Problem Solving retrieval from Autumn term								
Multiplication and Division (2 and 3)	Fractions	Number: Decimals	Percentages					





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 Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context. Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign. solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates. 	 Compare and order fractions whose denominators are all multiples of the same number Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths Add and subtract fractions with the same denominator and denominators that are multiples of the same number 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, 2/5 + 4/5= = 11/5 Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams 	 Read and write decim fractions [for example Recognise and use th them to tenths, hundred equivalents Round decimals with to the nearest whole a decimal place Read, write, order an with up to three decim Solve problems involve three decimal places 	e, 0.71 = 71/100 ousandths and relate edths and decimal two decimal places number and to one d compare numbers nal places	 recognise the per ca and understand the to 'number of parts write percentages a denominator 100, co fraction solve problems wh knowing percentage equivalents of 1/2 , 4/5 and those fr denominator of a r 25 	at per cent relates is per 100', and is a fraction with and as a decimal ich require . and decimal , 1/4 , 1/5 , 2/5 actions with a
	Sum	imer Term			
Maths Meeti	rgs: Fluent in Five and F	Problem Solving re	etrieval from Sp	ring term	
 Multiplication and Division (4) Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers. Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context. solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates. 	 Fractions Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams Find fractions of amounts. 	Geometry Shape and Angles Identify 3-D shapes, including cubes and other cuboids, from 2-D representations know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles	Measure Perimeter/Area Volume • estimate volume [for example, using I cm3 blocks to build cuboids (including cubes)] and capacity [for example, using water] • understand and use approximate equivalences between metric	Position and Direction • Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the	Statistics and Time • Solve problems involving converting between units of time • Complete, read and interpret information in tables,





CROWN		CURRICULUM
	 draw given angles, and measure them in degrees (°) draw given angles, and measure them in degrees (o) identify:angles at a point and I whole turn (total 360°) angles at a point and half a turn (total 180°)other multiples of 90° use the properties of rectangles to deduce related facts and find missing lengths and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles 	including tinetables.
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