	T Y1	Y2	Y3	Y4	l Y5	1 Y6	BEYOND
	count to and across 100,	count in steps of 2, 3, and 5 from 0,	count from 0 in multiples of 4, 8, 50	count in multiples of 6, 7, 9, 25 and 1000	read, write, order and compare	read, write, order and compare	Add subtract multiply and
	forwards and backwards,	and in tens from any number, forward	and 100; find 10 or 100 more or less		numbers to at least 1 000 000 and	numbers up to 10 000 000 and	divide using positive and
	beginning with 0 or 1, or from	and backward	than a given number	find 1000 more or less than a given	determine the value of each digit	determine the value of each digit	negative integers
	any given number	recognise the place value of each digit	recognise the place value of each digit	number	count forwards or backwards in steps	round any whole number to a required	Begin to use powers of 10
	count, read and write numbers to	in a two-digit number (tens, ones)	in a three-digit number (hundreds,	count backwards through zero to include	of powers of 10 for any given number	degree of accuracy	to express larger numbers
	100 in numerals;	in a tire digit names (tone, enecy	tens, ones)	negative numbers	up to 1 000 000	augree or accuracy	e.g 12 000 000 000
	count in multiples of twos, fives	identify, represent and estimate	,		·	use negative numbers in context, and	=12x10 <sup>9</sup>
	and tens given a number, identify one	numbers using different representations, including the number	compare and order numbers up to 1000	recognise the place value of each digit in a four-digit number (thousands,	interpret negative numbers in context,	calculate intervals across zero	
	more and one less	line	1000	hundreds, tens, and ones)	count forwards and backwards with	solve number and practical problems	order positive and
Number system			identify, represent and estimate	manarous, tono, and ones,	positive and negative whole numbers,	that involve all of the above	negative integers,
	identify and represent numbers	compare and order numbers from 0	numbers using different	order and compare numbers beyond	including through zero		decimals and fractions;
	using objects and pictorial representations including the	up to 100; use <, > and = signs	representations	1000	round any number up to 1 000 000 to		use the symbols =, ≠, <,
	number line	read and write numbers to at least 100	read and write numbers up to 1000 in	identify, represent and estimate numbers	the nearest 10, 100, 1000, 10 000 and		use the symbols $-$ , $\neq$ , $<$ , $>$ , $\leq$ , $\geq$
Ē		in numerals and in words	numerals and in words	using different representations	100 000		, -, -
Ž	use the language of: equal to,						
	more than, less than (fewer), most, least	use place value and number facts to solve problems.	solve number problems and practical problems involving these ideas.	round any number to the nearest 10, 100 or 1000	solve number problems and practical problems that involve all of the above		
	most, reast	Solve problems.	problems involving these ideas.	01 1000	problems that involve all of the above		
	read and write numbers from 1 to			solve number and practical problems	read Roman numerals to 1000 (M)		
	20 in numerals and words.			that involve all of the above and with	and recognise years written in Roman		
				increasingly large positive numbers	numerals		
				read Roman numerals to 100 (I to C) and			
				know that over time, the numeral system			
				changed to include the concept of zero and place value.			
				and place value.	recognise and use square numbers	identify common factors, common	Generate formulae to
					and cube numbers, and the notation	multiples and prime numbers	satisfy a rule
					for squared (2) and cubed (3)		
					solve problems involving multiplication	use simple formulae	
					and division including using their	generate and describe linear number	
					knowledge of factors and multiples,	sequences	
					squares and cubes		
īz.					identify multiples and factors,	express missing number problems algebraically	
Algebr					including finding all factor pairs of a	algostaloany	
ĕ					number, and common factors of two	find pairs of numbers that satisfy an	
					numbers	equation with two unknowns	
					know and use the vocabulary of prime	enumerate possibilities of	
					numbers, prime factors and composite	combinations of two variables	
					(non-prime) numbers		
					know and use the vocabulary of prime		
					numbers, prime factors and composite		
					(non-prime) numbers		
		interpret and construct simple pictograms, tally charts, block	interpret and present data using bar charts, pictograms and tables	interpret and present discrete and continuous data using appropriate	solve comparison, sum and difference problems using information presented	interpret and construct pie charts and line graphs and use these to solve	Construct and interpret scatter graphs
		diagrams and simple tables	charts, pictograms and tables	graphical methods, including bar charts	in a line graph	problems	Scatter graphs
			solve one-step and two-step questions	and time graphs			Calculate mode and
		ask and answer simple questions by	[for example, 'How many more?' and 'How many fewer?']	calus companions are and different	complete, read and interpret	calculate and interpret the mean as an	median of data and
		counting the number of objects in each category and sorting the	using information presented in scaled bar charts and pictograms and tables.	solve comparison, sum and difference problems using information presented in	information in tables, including timetables	average	understand why different interpretations of
ata		categories by quantity	Sa. S. a. to and protogramo and tables.	bar charts, pictograms, tables and other			'average' are necessary
and data				graphs			,
an		ask and answer questions about totalling and comparing categorical					construct and interpret
Statistics		data.					construct and interpret appropriate tables, charts,
ıtist							and diagrams, including
Sta							frequency tables, bar
							charts, pie charts, and pictograms for categorical
							data, and vertical line (or
							bar) charts for ungrouped
							and grouped numerical data
1							

Y1 Y						
	Y2	Y3	Y4	Y5	Y6	BEYOND
read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs  represent and use number bonds and related subtraction facts within 20  add and subtract one-digit and two-digit numbers to 20, including zero  solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? -9.  Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher  and the subtraction in the teacher service objects, pictorial representations and arrays with the support of the teacher service objects, pictorial representations and arrays with the support of the teacher service objects, pictorial representations and arrays with the support of the teacher service objects, pictorial representations and arrays with the support of the teacher service objects, pictorial representations and arrays with the support of the teacher service objects, pictorial representations and arrays with the support of the teacher service objects, pictorial representations and arrays with the support of the teacher service objects, pictorial representations and arrays with the support of the teacher service objects, pictorial representations and arrays with the support of the teacher service objects, pictorial representations and arrays with the support of the teacher service objects, pictorial representations and arrays with the support of the teacher service objects, pictorial representations and arrays with the support of the teacher service objects, pictorial representations and arrays with the support of the teacher service objects, pictorial representations and arrays with the support of the teacher service objects, pictorial representations, and the support of the teacher service objects, pictorial representations, and the support objects, pictorial representations, and the support objects are suppo	solve problems with addition and subtraction:  using concrete objects and pictorial representations, including those involving numbers, quantities and measures  applying their increasing knowledge of mental and written methods recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones a two-digit number and tens two two-digit numbers and subtraction of one number from another cannot  recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.  recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs  show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot  solve problems involving multiplication and division, using materials, arrays, repeated addition. mental methods.	add and subtract numbers mentally, including: a three-digit number and ones a three-digit number and tens a three-digit number and hundreds add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction estimate the answer to a calculation and use inverse operations to check answers solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.  recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate estimate and use inverse operations to check answers to a calculation solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why. recall multiplication and division facts for multiplication tables up to 12 x 12 use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers recognise and use factor pairs and commutativity in mental calculations multiply two-digit and three-digit numbers by a one-digit number using formal written layout solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.	add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)  add and subtract numbers mentally with increasingly large numbers  use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy  solve addition and subtraction multistep problems in contexts, deciding which operations and methods to use and why  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  multiply and divide numbers mentally drawing upon known facts  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  multiply and divide whole numbers and those involving decimals by 10, 100 and 1000  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  solve problems involving number up to three decimal places	multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication  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 divide number using the formal written method of short division where appropriate, interpreting remainders according to the context  perform mental calculations, including with mixed operations and large numbers  use their knowledge of the order of operations to carry out calculations involving the four operations  solve addition and subtraction multistep problems in contexts, deciding which operations and methods to use and why  solve problems involving addition, subtraction, multiplication and division use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy  multiply one-digit numbers with up to two decimal places by whole numbers  use written division methods in cases where the answer has up to two decimal places	Multiply multi-digit numbers by decimals up to 2decimal places, understand the effect of place value on the final answer  Divide multi-digit numbers by decimals up to 2 decimal places understand the effect of place value on the final answer

recognise, find and name a half an object, shape or quantity  recognise, find and name a quarter as one of two equal parts of an object, shape or quantity  wite simple fractions of a 2/4 and 1/2  and recognise the diding one-digit numbers or quantity.  wite simple fractions of a 2/4 and 1/2  and recognise find and name a quarter as one of four equal parts of an object, shape or quantity.  wite simple fractions of a 2/4 and 1/2  and an object into 10 equal parts and no huntifractions with small denominators  and in dividing one-digit numbers or quantity.  In the fractions of a given fraction, and fractions with the same denominators  and and subtract fractions with the same denominators  and and subtract fractions with the same denominators solve problems that involve all of the above.  In the first of the did gits in the same and write decimal place to the nearest whole number.  The first of the did gits in the answer as solve problems with two decimal swith two decimals with two decimals with two decimals with two decimals on the first of any numbers with the same denominators.  The cognises and show, using diagrams, frecognise and show, using diagrams, and in dividing one-digit numbers or quantities.  The cognise is find, name and write quivalents of any numbers of a given fraction, and fractions of a given fraction, the same denominators and mixed numbers and individing one-digit numbers or quantities.  The cognise and show, using diagrams, freeding is encounted and dividing one-digit numbers or quantities.  The cognise is divided quantities, and fractions with the same denominators.  The cognise is divided quantities and dividing one-digit numbers or quantities.  The cognise is divided quantities and dividing one-digit numbers or quantities.  The cognise is divided quantities, and fractions with the same denominators.  The cognise is divided quantities and divided quantities and divided quantities.  The cognise is that the missing degrams, fractions of divided quantities, and fractions with the same denomin	BEYOND
as one of two equal parts of an object, shape or quantity recognise, find and name a quantity are one of four earning and recomposes the equivalence of 2/4 and 1/2 with factors with small denominators and non-unit fractions with small denominators recognise and sub-rectifications with small denominators and an abultant fractions with the same denominators and and abultant fractions with the same denominators and fractions with the same denominators and rections and manufactures with the same denominators and rections and manufactures with the same denominators and rections and fractions with the same denominators and rections and fractions with the same denominators and rections and fractions with the same denominators and rections with the same denominators and rections and fractions with the same denominators and rections and rectio	Add and subtract several
quantity with sample fractions for oxampla, 5.4 or quantity.  If the properties of the requirement of quantity with sample fractions for oxampla, 5.4 or quantity.  If the properties and show using diagrams, expensive and and and add and subtract fractions with small denominators and and and subtract fractions with small denominators and subtract fractions with small denominators and and subtract fractions with small denominators and and and subtract fractions with small denominators and and and subtract fractions with manual denominators and and and subtract fractions with the same denominator and and and subtract fractions with the same denominator and fractions with the same denominator or solve problems that involve all of the above.  If the problems that the problems that the above and an advance that the above and the problems that the above and the problems that the above and	fractions with different
precognise, find and name a quartities are one of prove the simple fractions for example, % of 6 = 3 and recognise that parts of an object, shape or quantity.  If the equivalence of 2/4 and 1/2 and	denominators
parts of an object, shape or quantity.  If a complete the equivalence of 2/4 and 1/2 a	Multiply pairs of fractions
discrete set of objects unit fractions and anon-unit fractions with small denominators recognise and use fractions are recognise and use fractions are numbers: unit fractions with small denominators add and subtract fractions with the same denominator within one whole precipility and subtract fractions with the same denominator within one whole precipility and official process. The effect of dividing a one- or two-dight number by 100 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths round decimals with one decimal places to the nearest whole number of decimal places to the nearest whole number of decimal places to the nearest whole number and decimals with one decimal places.  The equivalence of 2/4 and 1/2 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths and decimal swith one decimal places.  The equivalent fractions with different denominators and mixed numbers as final and subtract fractions with different denominators and denominators and denominators and subtract fractions with the same denominator within one whole precipility and divide proper fractions, writing the answer in its simplest from the search and subtract fractions by whole numbers as fractions pive exempts, 13-2-13 divide proper fractions with different denominators and mixed numbers by whole numbers as fractions with the same denominator and denominators and denominators and write decimal equivalents of the exempts, 13-2-13 divide proper fractions with the same denominator within one whole proper fractions and denominators and write decimal equivalents of the edition of the same number of decimal places and use thousandths and elements places to the nearest whole number and decimal equivalents and the effect of dividing a one- or two-digit number by 10 and 100, identify the value of the digits in the answer as o	including improper
solve problems that involve all of the above.  See that involves and order unit fractions with meant fractions with the same denominators and microst problems that involve all of the above.  See the problems that involve all of the above.  See the problems that involve all of the above.  See the problems involving fractions and decimals to two decimal places.  See the problems involving fractions and decimals to two decimal places.  See the problems involving fractions and more problems involving fractions and decimals to two decimal places.  See the problems involving fractions and more problems involving fractions and decimal places.  See the problems involving fractions and more problems involving fractions and more problems involving fractions and decimal places.  See the problems involving fractions and more problems involving fractions and decimal places.  See the problems involving fractions and more problems involving fractions and decimal places.  See the problems involving fractions and more problems involving fractions and decimal places.  See the problems involving fractions and more problems involving fractions and decimal places.  See the problems involving fractions and more p	fractions and express the answer as a mixed
and fractions as numbers: unit fractions and non-unit fractions where the answer is a whole number recognise and show, using diagrams, equivalent fractions with small denominators add and subtract fractions with the same denominator with none whole to same denominators and fractions with the same denominators.  The same denominator with order unit fractions with the same denominators with the same denominators and fractions with the same denominators. The same denominators are recognise and write decimal equivalents of any number of tenths or hundredths of the number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths round decimal places up to two decimal places.  The problems involving fractions and money problems involving fractions and money problems involving fractions and decimal equivalents of any number of parts per hundred; and demonstrates to "number with up to three decimal places to "number syling" individence and concept of most form from note from the other and write answer in the same demoninators and add and subtract fractions with the same demoninators and write decimal equivalents of any number of tenths or hundredths of any number of tenths or hundredths of any number of tenths or hundredths of the same number of decimal places up to two decimal places.  The problems that involve all of the above.  In the effect of dividing a one- or two-digits number by 10 and 100, identifying the value of acade and sust housandths and relate them to tenths, hundredths and decimal equivalents of the nearest whole number of decimal places to the nearest whole number and to not decimal places.  The problems involving fractions and mixed numbers as fractions the denominators and the problems and the problems and the problems involving the relative size of two quantities and decimal equivalents of the number of parts per hundred, 34-4-4-68-1-atd mixed and subtract fractions with the same demoninators that are multiple port fractions and mixed numbers by 40-100 and to t	number
including non-unit fractions where the anumbers: unifractions and non-unit fractions with small denominators recognise and show, using diagrams, equivalent fractions with small denominators add and subtract fractions with the same denominator within one whole the same denominator within one whole the same denominators and order unit fractions, and fractions with the same denominators solve problems that involve all of the above.  In the same denominator within one whole the same denominators solve problems that involve all of the above.  In the same denominator within one whole the same denominators solve problems that involve all of the above.  In the same denominator within one whole the same denominators solve problems with the same denominators solve problems that involve all of the above.  In the same denominator within one whole the same denominators solve problems with one decimal place to the nearest whole number and decimal equivalents and relate them to tenths, hundredths and relate them to tenths, hundredths and decimal equivalents and relate them to tenths, hundredths and relate them to tenths, hundredths and decimal places to the nearest whole number and tenth one decimal places to the rearest whole number and tenth one decimal places to the nearest whole number and tenth one decimal places to the nearest whole numbers and tenth to tenths, hundredths and relate them to tenths, hundredths and decimal equivalents.  In the value of each digit in numbers as the tenth of tenths, hundredths and relate them to tenths, hundredths and decimal equivalents.  In the value of each digit in numbers as the tenth to tenths, hundredths and relate them to tenths, hundredths and decimal equivalents.  In the problems involving fractions and decimal equivalents and relate them to tenths, hundredths and relate them to tenths, hundredths and tenth to tenths, hundredths and tenth of tenths, hundredths and tent	
answer is a whole number recognise and show, using diagrams, equivalent fractions with small denominators add and subtract fractions with the same denominators and denominators and fractions with the same denominators and decimal shadows.  In the effect of dividing a one- or two-digit number by 10 and 100, identifying the answer as next proposed and write decimal equivalents or the same unmber of the same unmber and the decimal places and solve problems that involve all of the above.  In the effect of dividing a one- or two-digit number by 10 and 100, identifying the nearest whole numbers as a fractions with the same and hundredths and relate them to tenths, hundredths and decimal equivalents or the nearest whole numbers by 40, 10, 100 and 1000 giving indicates and proper fractions with the same denominators and denominators	Divide fractions understanding the answer
add and subtract fractions with the same denominators and subtract fractions with the same denominator within one whole for example, 47:47:78-78 and fractions with the same denominator within the same denominator within the same denominator within one whole for example, 47:47:78-78 and fractions with the same denominator within one whole for example, 47:47:78-78 and fractions with the same denominator within one whole for example, 47:47:78-78 and fractions with the same denominator within one whole for example, 47:47:78-78 and fractions with the same denominator and denominators that are multiples of the same number to find the effect of dividing a one-or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths and relate them to tenths, hundredths and relate them	will be larger than the
The cognise and show, using diagrams, equivalent fractions with small denominators  add and subtract fractions with the same denominator with one whole for example, 472-172-172-172-172-172-172-172-172-172-1	fraction started
equivalent fractions with small denominators add and subtract fractions with the same denominator within one whole provided fractions with the same denominators within the same denominators solve problems that involve all of the above.  The problems that involve all of the above that are mu	Solve problems using
The same denominators with the same denominators with in one whole to the same with the same denominators with the same denominators with the same denominators with the same denominators solve problems that involve all of the above.  The same denominators with the same denominators solve problems that involve all of the above.  The same denominators with the same denominators solve problems that involve all of the above.  The same denominators with the same denominators solve problems that involve all of the above.  The same denominators with the same denominators solve problems that involve all of the above.  The same denominators with the same denominators solve problems that involve all of the above.  The same denominators with the same denominators solve problems that involve all of the above.  The same number a multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams for the decimal place and sones, tenths and hundredths and decimal place to the nearest whole number of decimal places to the nearest whole number of decimal places to the nearest whole number and to one decimal place to the nearest whole number and to one decimal places to the nearest whole number and to one decimal places to the nearest whole number and to one decimal places to the nearest whole number and to one decimal places to the nearest whole number and to one decimal places to the nearest whole number and to one decimal places to the nearest whole number and to one decimal places to the nearest whole number and to one decimal places to the nearest whole number and to one decimal places to the nearest whole number and to one decimal places to the nearest whole number and to one decimal places to the nearest whole number and to one decimal places to the nearest whole number and to one decimal places to the nearest whole number and to one decimal places to the nearest whole number and to one decimal places to the nearest whole number and to one decimal places to the nearest whole number and to one	ratio and proportion
add and subtract fractions with the same denominator within one whole to resumple. 4772-877) and fractions with the same denominators with the same denominators solve problems that involve all of the above.  The problems that problems that per cent relates to "number of parts per hundred", and write percentages as a fraction with division and calculate decimal places to the numbers at fraction specified dispression and mixed purposes are add and write decimal numbers and fractions and decimal places are an abov	1
same denominantor within one whole the reample, 471/217-807] The same denominator within the same denominators solve problems that involve all of the above.  Solve problems with the same and decimal places on the nearest whole number of decimal places on the nearest whole number and decimal equivalents and places on the nearest whole number and to come decimal places on the nearest whole number and places on the nearest whole number of the edeimal places on the nearest whole number of the edeimal places on the nearest whole number of the edeimal places on the nearest whole number of the edeimal places on the nearest whole number of the edeimal places on the nearest whole number of the edeimal places on the nearest whole number of the edeimal places on the nearest who	work interchangeably with
The second or second is the same and order unit fractions, and fractions with the same denominators solve problems that involve all of the above.  The second or secon	terminating decimals and
fractions with the same denominators solve problems that involve all of the above.  The problems involving the value of each digit in numbers as fractions. The problems and relate them to tenths, hundred had ceimal places and use thousandths and relate them to tenths, hundred had places and the places are places and the	their corresponding fractions (such as 3.5 and
fractions with the same denominators solve problems that involve all of the above.  digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths round decimal place to the nearest whole number of decimal places up to two decimal places solve simple measure and money problems involving fractions and decimals to two decimal places.  digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths and relate them to tenths, hundredths and relate them to tenths, hundredths and relate them to tenths, hundredths and decimal equivalents  round decimals with one decimal places or to the nearest whole number of decimal places or to the nearest whole number and to one decimal place  solve simple measure and money problems involving fractions and decimals to two decimal places.  solve simple measure and money problems involving fractions and decimal places.  solve problems which require answers to be rounded to specified degrees of accuracy  recall and use equivalences between simple fractions, decimals and places and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with one decimal places and use thousandths and relate them to tenths, hundredths and relate them to tenths, hundredths and relate them to tenths, hundredths and decimal solve to the nearest whole number of the decimal places or to the nearest whole number and the decimal places and use deviated to the order to tenthe decimal places solve problems which require answers to be rounded to specified degrees of accuracy  recall and use equivalences between simple fractions, decimals and places and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with of the decimal places and use to the nearest whole number and the order and to one decimal places.  Idigit numbers of the value of the digits in the answer and underimal recognise and understand that per cent relates to 'n	7/2 or 0.375 and 3/8)
places  solve simple measure and money problems involving fractions and decimals to two decimal places.  solve simple measure and money problems involving fractions and decimals to two decimal places.  read, write, order and compare numbers with up to three decimal places  recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with values can be found by using integer	,
places  solve simple measure and money problems involving fractions and decimals to two decimal places.  solve simple measure and money problems involving fractions and decimals to two decimal places.  read, write, order and compare numbers with up to three decimal places  recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with values can be found by using integer to the problems involving the relative sizes of two quantities where missing values can be found by using integer to the problems involving the relative sizes of two quantities where missing values can be found by using integer to the problems involving the relative sizes of two quantities where missing values can be found by using integer to the problems involving the relative sizes of two quantities where missing values can be found by using integer to the problems involving the relative sizes of two quantities where missing values can be found by using integer to the problems involving the relative sizes of two quantities where missing values can be found by using integer to the problems involving the relative sizes of two quantities where missing values can be found by using integer to the problems involving the relative sizes of two quantities where missing values can be found by using integer to the problems involving the relative sizes of two quantities where missing values can be found by using integer to the problems involving the relative sizes of two quantities where missing values can be found by using integer to the problems involving the relative sizes of two quantities where missing values can be found by using integer to the problems involving the relative sizes of two quantities where missing values can be found by using integer to the problems involving the relative sizes of two quantities where missing values can be found by using integer to the problems involving the relative sizes of two quantities where missing values can be found by using t	solve problems involving
places  solve simple measure and money problems involving fractions and decimals to two decimal places.  solve simple measure and money problems involving fractions and decimals to two decimal places.  read, write, order and compare numbers with up to three decimal places  recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with values can be found by using integer	percentage change,
places  solve simple measure and money problems involving fractions and decimals to two decimal places.  solve simple measure and money problems involving fractions and decimals to two decimal places.  read, write, order and compare numbers with up to three decimal places  recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with values can be found by using integer	including: percentage
places  solve simple measure and money problems involving fractions and decimals to two decimal places.  solve simple measure and money problems involving fractions and decimals to two decimal places.  read, write, order and compare numbers with up to three decimal places  recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with values can be found by using integer	increase, decrease and original value problems
places  solve simple measure and money problems involving fractions and decimals to two decimal places.  solve simple measure and money problems involving fractions and decimals to two decimal places.  read, write, order and compare numbers with up to three decimal places  recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with values can be found by using integer	and simple interest in
solve simple measure and money problems involving fractions and decimals to two decimal places.  Tead, write, order and compare numbers with up to three decimal places recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with values can be found by using integer of the problems involving the relative sizes of two quantities where missing values can be found by using integer or the problems involving the relative sizes of two quantities where missing values can be found by using integer or the problems involving the relative sizes of two quantities where missing values can be found by using integer or the problems involving the relative sizes of two quantities where missing values can be found by using integer or the problems involving the relative sizes of two quantities where missing values can be found by using integer or the problems involving the relative sizes of two quantities where missing values can be found by using integer or the problems involving the relative sizes of two quantities where missing values can be found by using integer or the problems involving the relative sizes of two quantities where missing values can be found by using integer or the problems involving the relative sizes of two quantities where missing values can be found by using integer or the problems involving the relative sizes of two quantities where missing values can be found by using integer or the problems involving the relative sizes of two quantities where missing values can be found by using integer or the problems involving the relative sizes of two quantities where missing values can be found by using integer or the problems involving the relative sizes of two quantities where missing values can be found by using integer or the problems involving the relative sizes of two quantities where missing values can be found by using integer or the problems involving the relative sizes of two quantities where missing values can be found by	financial mathematics
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percentage and feeding equivalents calculation of percentages for example, of	1
of 1/2, 1/4, 1/5, 2/5, 4/5 and those measures, and such as 15% of 360) and the use fractions with a denominator of a of percentages for comparison	1
multiple of 10 or 25.	1
solve problems involving similar shapes where the scale factor is	•
snapes where the scale factor is known or can be found	1
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solve problems involving unequal sharing and grouping using	•
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compare, describe and solve practical problems for lengths and heights give complete upgrature. I lengths (might with earlier thanks to estimate and measure length/height in any direction (m/mi); mass (kg/g); emperature ("C); capacity (iffering) mass weight capacity and volume give cample, use analy, but has the fact thanks to seal, what the fact thanks the seal what the seal	BEYOND Use given formulae to calculate the volume of cuboids and prisms Understand the relationship of pi in a circle Use pi to calculate diameter, radius, circumference of circles Use pi and given formula to calculate area of circle and volume of sphere
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recognise and name common 2- identify and describe the properties of draw 2-D shapes and make 3-D compare and classify geometric shapes, identify 3-D shapes, including cubes draw 2-D shapes using given	
	Calculate missing angles
D and 3-D shapes, including: 2-D shapes, including the number of shapes using modelling materials; including quadrilaterals and triangles, and other cuboids, from 2-D dimensions and angles	in triangles, quadrilaterals
2-D shapes (for example, rectangles (including cides and line symmetry in a vertical recognise 3-D shapes in different hased on their properties and sizes representations	and angles bisected by
	parallel or perpendicular
	lines
describe position, direction and identify and describe the properties of recognise angles as a property of compare and order angles up to two right degrees: estimate and compare acute, compare and classify geometric	
	Rotate shapes on an axis
	about different rotation
identify right angles, recognise that identify lines of symmetry in 2-D shapes draw given angles, and measure them it triangles, guadrilaterals, and regular	points
identify 2-D shapes on the surface of two right angles make a half-turn, presented in different orientations in degrees (*) polygons	•
3-D shapes (for example, a circle on a cylinder and three make three quarters of a turn	
at triangle on a pyramid] and four a complete turn; identify complete a simple symmetric figure with identify: illustrate and name parts of circles,	derive and illustrate
whether angles are greater than or respect to a specific line of symmetry angles at a point and one whole turn including radius, diameter and	properties of triangles,
	quadrilaterals, circles, and
describe positions on a 2-D grid as angles at a point on a straight line and diameter is twice the radius	other plane figures [for
identify horizontal and vertical lines coordinates in the first quadrant 1/2 a turn (total 180°)	example, equal lengths
order and arrange combinations of mathematical objects in patterns and mathematical objects in patterns and mathematical objects in patterns and lines.	and angles] using
inative induced objects in patients and lines. Inc. describe movements between positions a point, are on a straight line, or are sequences a sequences a sequence of sequences are temperature of sequences and sequences are temperature of sequences.	appropriate language
as translations of a given unit to the use the properties of rectangles to vertically opposite, and find missing	
left/right and up/down lengths and find missing lengths and angles	anning the same of the same
use maintenance vocabulary to lengths and angles lengths and angles lengths and angles	apply the properties of
	angles at a point, angles
complete a given polygon distinguish between regular and coordinate gird (air rout quadrants)	at a point on a straight
hetween retation on a turn and in	line, vertically opposite angles
terms of right angles for quarter, half about equal sides and angles or quarter, half the coordinate plane, and reflect them	angles
and three-quarter turns (clockwise and identify, describe and represent the in the axes	
anti-clockwise).	
position of a shape of a shape and a shape	
appropriate language, and know that	
the shape has not changed	