

St. Andrew's CE Primary School & Nursery – End Points in Maths

(Based on HfL Progression documents)

EYFS (from the new Early Learning Goals for Maths)

Number	Numerical Patterns
 Have a deep understanding of number to 10, including the composition of each number Subitise (recognise quantities without counting up to 5) Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) Automatically recall some number bonds up to 10, including double facts 	 Verbally count beyond 20, recognising the pattern of the counting system Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally

Number and place	Addition and	Multiplication and	Fractions	Measurement	Geometry:	Geometry: position
value	subtraction	division			properties of	and direction
			Pupils should be taught	Pupils should be taught to:	shapes	
Pupils should be taught to: count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens given a number, identify one more and one less identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least read and write numbers from 1 to 20 in numerals and words	Pupils should be taught to: 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	Pupils should be taught to: 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	to: recognise, find and name a half as one of two equal parts of an object, shape or quantity recognise, find and name a quarter as one of four equal parts of an object, shape or quantity	 compare, describe and solve practical problems for: lengths and heights (for example, long/short, longer/shorter, tall/short, double/half) mass / weight (for example, heavy/light, heavier than, lighter than) capacity and volume (full/empty, more than, less than, half, half full, quarter) time (quicker, slower, earlier, later) measure and begin to record the following: lengths and heights mass/weight capacity and volume time (hours, minutes, seconds) recognise and know the value of different denominations of coins and notes sequence events in chronological order using language (for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening) recognise and use language relating to dates, including days of the week, weeks, months and years tell the time to the hour and half past the hour and draw the hands on a clock face to show these times 	Pupils should be taught to: recognise and name common 2-D and 3-D shapes, including: - 2-D shapes [for example, rectangles (including squares), circles and triangles] - 3-D shapes [for example, cuboids (including cubes), pyramids and spheres]	Pupils should be taught to: describe position, direction and movement, including whole, half, quarter and three-quarter turns

Number and place value

Pupils should be taught to:

- count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward
- recognise the place value of each digit in a two-digit number (tens, ones)
- identify, represent and estimate numbers using different representations, including the number line
- compare and order numbers from 0 up to 100; use <, > and = signs
- read and write numbers to at least 100 in numerals and in words
- use place value and number facts to solve problems

Addition and subtraction

Pupils should be taught to:

- 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
 - adding three one-digit numbers
- show that addition of two numbers can be done in any order (commutative) 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 missing number problems

Multiplication and division

Pupils should be taught to:

- 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, and multiplication and division facts, including problems in contexts

Fractions

Pupils should be taught to:

- recognise, find, name and write fractions ¹/₃, ¹/₄,
 ²/₄ and ³/₄ of a length, shape, set of objects or quantity
- write simple fractions for example, ¹/₂ of 6 = 3 and recognise the equivalence of ²/₄ and ¹/₂.

Measurement

Pupils should be taught to:

- choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels
- compare and order lengths, mass, volume/capacity and record the results using >, < and =
- recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
- find different combinations of coins that equal the same amounts of money
- solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change
- compare and sequence intervals of time
- tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.
- know the number of minutes in an hour and the number of hours in a day

Geometry: properties of shapes

Pupils should be taught to:

- identify and describe the properties of 2-D shapes, including the number of sides and symmetry in a vertical line
 identify and
- describe the properties of 3-D shapes, including the number of edges, vertices and faces

 identify 2-D
- shapes on
 the surface
 of 3-D
 shapes [for
 example a
 circle on a
 cylinder and
 a triangle on
 a pyramid]
 compare and
- 2-D and 3-D shapes and everyday objects

sort common

Geometry: position and direction

Pupils should be taught to:

- order and arrange combinations of mathematical objects in patterns and sequences
 use mathematical
- vocabulary to describe position, direction and movement. including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and threequarter turns (clockwise and anticlockwise)

Statistics

Pupils should be taught to:

- interpret and construct simple pictograms, tally charts, block diagrams and simple tables
- ask and
 answer simple
 questions by
 counting the
 number of
 objects in
 each category
 and sorting
 the categories
 by quantity
- ask and
 answer
 questions
 about totalling
 and
 comparing
 categorical
 data

Number and place	Addition and	Multiplication and	Fractions	Measurement	Geometry:	Statistics
value	subtraction	division			properties of	
			Pupils should be taught	Pupils should be taught to:	shapes	Pupils should be taught to:
Pupils should be	Pupils should be	Pupils should be	to:			
taught to:	taught to:	taught to:		measure, compare, add	Pupils should be	interpret and present
			 count up and down 	and subtract: lengths	taught to:	data using bar charts,
count from 0 in	 add and subtract 	recall and use	in tenths; recognise	(m/cm/mm); mass (kg/g);		pictograms and tables
multiples of 4, 8,	numbers	multiplication and	that tenths arise	volume/capacity (I/mI)	draw 2-D shapes	
50 and 100; find	mentally,	division facts for	from dividing an		and make 3-D	 solve one-step and two-
10 or 100 more	including:	the 3, 4 and 8	object into 10 equal	measure the perimeter of	shapes using	step questions[for
or less than a	- a three-digit	multiplication	parts and in dividing	simple 2-D shapes	modelling	example, 'How many
given number	number and	tables	one-digit numbers or	 add and subtract amounts 	materials;	more?' and 'How many
	ones		quantities by 10	add and babilable amounts	recognise 3-D	fewer?'] using
 recognise the place value of 	- a three-digit number and	write and calculate	 recognise, find and write fractions of a 	of money to give change, using both £ and p in	shapes in different	information presented in scaled bar charts and
each digit in a	tens	mathematical	discrete set of	practical contexts	orientations and	pictograms and tables
three-digit	- a three-digit	statements for	objects: unit	practical contexts	describe them	pictograms and tables
number	number and	multiplication and	fractions and non-	tell and write the time from	describe trieffi	
(hundreds, tens,	hundreds	division using the	unit fractions with	an analogue clock,	recognise that	
ones)	Hanaroad	multiplication	small denominators	including using Roman	angles are a	
	 add and subtract 	tables that they	 recognise and use 	numerals from I to XII, and	property of shape	
compare and	numbers with up	know, including	fractions as	12-hour and 24-hour clocks	or a description of	
order numbers up	to three digits,	for two-digit	numbers: unit		a turn	
to 1000	using formal	numbers times	fractions and non-	 estimate and read time 		
	written methods	one-digit	unit fractions with	with increasing accuracy to	identify right	
identify, represent	of columnar	numbers, using	small denominators	the nearest minute; record	angles, recognise	
and estimate	addition and	mental and	recognise and show,	and compare time in terms	that two right	
numbers using	subtraction	progressing to	using diagrams,	of seconds, minutes and	angles make a	
different		formal written	equivalent fractions	hours; use vocabulary such	half-turn, three	
representations	 estimate the 	methods	with small	as o'clock, a.m./p.m.,	make three	
 read and write 	answer to a calculation and	solve problems,	denominators add and subtract	morning, afternoon, noon and midnight	quarters of a turn and four a	
numbers up to	use inverse	including missing	fractions with the	and midnight	complete turn;	
1000 in numerals	operations to	number problems,	same denominator	know the number of	identify whether	
and in words	check answers	involving	within one whole (for	seconds in a minute and	angles are	
a		multiplication and	example, $\frac{5}{7} + \frac{1}{7} =$	the number of days in each	greater than or	
solve number	 Solve problems, 	division, including		month, year and leap year	less than a right	
problems and	including missing	positive integer	6/ ₇)		angle	
practical	number	scaling problems		 compare durations of 	Ü	
problems	problems, using	and	 compare and order unit fractions, and 	events [for example to	identify horizontal	
involving these	number facts,	correspondence	fractions, and	calculate the time taken by	and vertical lines	
ideas	place value, and	problems in which	same denominators	particular events or tasks]	and pairs of	
	more complex	n objects are	 solve problems that 		perpendicular and	
	addition and	connected to m	involve all of the		parallel lines	
	subtraction	objects	above			

above

Number and place	Addition and	Multiplication and	Fractions	Measurement	Geometry:	Geometry: position	Statistics
value	subtraction	division	(including		properties of	and direction	
Pupils should be			decimals)	Pupils should be	shapes		Pupils should be
taught to:	Pupils should be	Pupils should be	Pupils should be	taught to:		Pupils should be	taught to:
_	taught to:	taught to:	taught to:		Pupils should be	taught to:	
count in multiples			taught to.	convert between	taught to:		interpret and
of 6, 7, 9, 25 and	 add and subtract 	recall	recognise and	different units of		 describe positions 	present discrete
1000	numbers with up	multiplication	show, using	measure [for	compare and	on a 2-D grid as	and continuous
find 1000 more or	to 4 digits using	and division	diagrams,	example,	classify geometric	coordinates in the	data using
less than a given	the formal written	facts for	families of	kilometre to	shapes, including	first quadrant	appropriate
number	methods of	multiplication	common	metre; hour to	quadrilaterals and	describe	graphical
count backwards	columnar addition	tables up to 12 x	equivalent	minute]	triangles, based	movements	methods, including
through zero to	and subtraction	12	fractions	 measure and 	on their	between positions	bar charts and
include negative	where appropriate	 use place value, 	count up and	calculate the	properties and	as translations of	time graphs
numbers	estimate and use	known and	down in	perimeter of a	sizes	a given unit to the	solve
recognise the	inverse operations	derived facts to	hundredths;	rectilinear figure	identify acute and	left/right and	comparison, sum
place value of	to check answers	multiply and	recognise that	(including	obtuse angles	up/down	and difference
each digit in a	to a calculation	divide mentally,	hundredths arise	squares) in	and compare and	plot specified	problems using
four-digit number	solve addition and	including:	when dividing an	centimetres and	order angles up	points and draw	information
(thousands,	subtraction two-	multiplying by 0	object by a	metres	to two right	sides to complete	presented in bar
hundreds, tens,	step problems in	and 1; dividing	hundred and	find the area of	angles by size	a given polygon	charts,
and ones)	contexts, deciding	by 1; multiplying	dividing tenths	rectilinear shapes	identify lines of		pictograms, tables
order and	which operations	together three	by ten.	by counting	symmetry in 2-D		and other graphs
compare	and methods to	numbers	solve problems	squares	shapes presented		
numbers beyond	use and why	recognise and	involving	estimate,	in different		
1000		use factor pairs	increasingly	compare and	orientations		
identify, represent		and	harder fractions	calculate different	complete a		
and estimate		commutativity in	to calculate	measures,	simple symmetric		
numbers using		mental	quantities, and	including money	figure with		
different		calculations	fractions to	in pounds and	respect to a		
representations		multiply two-digit	divide quantities,	pence	specific line of		
round any		and three-digit	including non-	read, write and	symmetry		
number to the		numbers by a	unit fractions	convert time			
nearest 10, 100		one-digit number	where the	between			
or 1000		using formal	answer is a	analogue and			
solve number and		written layout	whole number	digital 12 and 24-			
practical		solve problems	 add and subtract 	hour clocks			
problems that		involving	fractions with	 solve problems 			
involve all of the		multiplying and	the same	involving			
above and with		adding, including	denominator	converting from			
increasingly large		using the	recognise and	hours to minutes;			
positive numbers		distributive law	write decimal	minutes to			
read Roman		to multiply two	equivalents of	seconds; years to			
numerals to 100		digit numbers by	any number of	months; weeks to			
(I to C) and know		one digit, integer		days			

that over time,	scaling problems	tenths or		
that over time, the numeral	and harder	hundredths		
system changed	correspondence	recognise and		
to include the	problems such	write decimal		
concept of zero	as n objects are	equivalents to		
	connected to m	1 1 3		
and place value		1, 1, 3, 4		
	objects	 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		
		 round decimals 		
		with one decimal		
		place to the		
		nearest whole		
		number		
		compare		
		numbers with		
		the same		
		number of		
		decimal places		
		up to two		
		decimal places		
		oolvo olliipio		
		measure and		
		money problems		
		involving		
		fractions and		
		decimals to two		
		decimal places		

Number and place	Addition and	Multiplication and	Fractions	Measurement	Geometry:	Geometry:
value	subtraction	division	(including decimals and percentages)	Pupils should be taught to:	properties of shapes	position and direction
Pupils should be	Pupils should be	Pupils should be		taught to.		
taught to:	taught to:	taught to:	Pupils should be	convert between	Pupils should be	Pupils should be
			taught to:	different units of	taught to:	taught to:
read, write, order	add and subtract	identify multiples		metric measure (for		
and compare	whole numbers with	and factors, including	compare and	example, kilometre	identify 3-D	identify,
numbers to at least	more than 4 digits,	finding all factor pairs	order fractions	and metre;	shapes, including	describe and
1 000 000 and	including using	of a number, and	whose denominators	centimetre and	cubes and other	represent the
determine the value	formal written	common factors of	are all multiples of	metre; centimetre	cuboids, from 2-D	position of a
of each digit	methods (columnar	two numbers.	the same number	and millimetre; gram	representations	shape following a
count forwards or	addition and	know and use the	■ identify, name	and kilogram; litre	know angles are	reflection or
backwards in steps	subtraction)	vocabulary of prime	and write equivalent	and millilitre)	measured in	translation, using
of powers of 10 for	add and subtract	numbers, prime	fractions of a given	understand and	degrees: estimate	the appropriate
any given number up	numbers mentally	factors and	fraction, represented	use approximate	and compare acute,	language, and
to	with increasingly	composite (non-	visually, including	equivalences	obtuse and reflex	know that the
1 000 000	large numbers	prime) numbers	tenths and	between metric units	angles	shape has not
interpret negative	use rounding to	establish whether	hundredths	and common	draw given	changed
numbers in context,	check answers to	a number up to 100	recognise mixed	imperial units such	angles, and measure	
count forwards and	calculations and	is prime and recall	numbers and	as inches, pounds	them in degrees (°)	
backwards with	determine, in the	prime numbers up to	improper fractions	and pints	• identify:	
positive and negative	context of a problem,	19	and convert from one	measure and	- angles at a point	
whole numbers,	levels of accuracy	multiply numbers	form to the other and	calculate the	and one whole turn	
including through	solve addition	up to 4 digits by a	write mathematical	perimeter of	•	
zero	and subtraction	one- or two-digit	statements > 1 as a	composite rectilinear	(total 360°)	
round any	multi-step problems	number using a	mixed number [for	shapes in	- angles at a point	
number up to	in contexts, deciding	formal written	example, $^{2}/_{5} + ^{4}/_{5} =$	centimetres and	on a straight line and	
1 000 000 to the	which operations and	method, including	0 0	metres	½ a turn (total 180°)	
nearest 10, 100,	methods to use and	long multiplication for	$\binom{6}{5} = \binom{1}{5}$	 calculate and 	- other multiples of	
1000, 10 000 and	why	two-digit numbers	add and subtract	compare the area of	90°	
100 000		multiply and	fractions with the	rectangles (including	use the	
solve number		divide numbers	same denominator	squares) using	properties of	
problems and		mentally drawing	and multiples of the	standard units,	rectangles to deduce	
practical problems		upon known facts	same number	square centimetres	related facts and find	
that involve all of the		 divide numbers 	multiply proper	(cm ²) and	missing lengths and	
above		up to 4 digits by a	fractions and mixed	square metres (m ²)	angles	
 read Roman 		one-digit number	numbers by whole	and estimate the	distinguish	
numerals to 1000		using the formal	numbers, supported	area of irregular	between regular and	
(M) and recognise		written method of	by materials and	shapes	irregular polygons	
years written in		short division and	diagrams	estimate volume	based on reasoning	
Roman numerals		interpret remainders	read and write	[for example, using 1	about equal sides	
		appropriately for the	decimal numbers as	3	and angles	

fractions [for

decimal numbers as

context

cm³ blocks to build

cuboids(including

and angles

Statistics

Pupils should be taught to:

- solve comparison, sum and difference problems using information presented in a
- tables, including timetables

multiply and	example, 0.71 =	cubes)] and		
divide whole	⁷¹ / ₁₀₀]	capacity[for example,		
numbers and those		using water]		
involving decimals by	recognise and	solve problems		
10, 100 and 1000	use thousandths and	involving converting		
recognise and	relate them to tenths,	between units of time		
use square numbers	hundredths and	use all four		
and cube numbers,	decimal equivalents	operations to solve		
and the notation for	round decimals	problems involving		
squared (2) and	with two decimal	measure [for		
	places to the nearest	example, length,		
cubed (3)	whole number and to	mass, volume,		
solve problems	one decimal place	money] using		
involving	read, write, order	decimal notation		
multiplication and	and compare	including scaling		
division including	numbers with up to			
using their	three decimal places			
knowledge of factors	solve problems			
and multiples,	involving number up			
squares and cubes	to three decimal			
solve problems	places			
involving addition,	• recognise the per			
subtraction,	cent symbol (%) and			
multiplication and division and a	understand that per			
combination of	cent relates to			
	"number of parts per			
these, including	hundred", and write			
understanding the	percentages as a fraction with			
meaning of the equals sign	denominator 100,			
	· · · · · · · · · · · · · · · · · · ·			
solve problems involving	and as a decimal solve problems			
multiplication and	which require			
division, including	knowing percentage			
scaling by simple	and decimal			
fractions and				
problems involving	equivalents of $\frac{1}{2}$, $\frac{1}{4}$,			
simple rates	$\frac{1}{1}$, $\frac{2}{5}$, $\frac{4}{5}$ and those			
omple fates				
	with a denominator			
	of a multiple of 10 or			
	25			

Number and place	Addition,	Fractions	Ratio and	Algebra	Measurement	Geometry:	Geometry:	Statistics
value	subtraction,	(including	proportion			properties of	position, and	
	multiplication and	decimals and		Pupils should be	Pupils should be	shapes	direction	Pupils should be
Pupils should be	division	percentages)	Pupils should be	taught to:	taught to:			taught to:
taught to:	Pupils should be		taught to:			Pupils should be	Pupils should be	
	taught to:	Pupils should be		•use simple	solve problems	taught to:	taught to:	interpret and
read, write,		taught to:	solve problems	formulae	involving the			construct pie charts
order and compare	multiply multi-		involving the		calculation and	draw 2-D	 describe 	and line graphs and
numbers up to 10	digit numbers up to	use common	relative sizes of two	generate and	conversion of units	shapes using given	positions on the full	use these to solve
000 000 and	4 digits by a two-	factors to simplify	quantities where	describe linear	of measure, using	dimensions and	coordinate grid (all	problems
determine the value	digit whole number	fractions; use	missing values can	number sequences	decimal notation up	angles	four quadrants)	
of each digit	using the formal	common multiples	be found by using		to three decimal	recognise,		calculate and
round any	written method of	to express fractions	integer	■express missing	places where	describe and build	draw and	interpret the mean
whole number to a	long multiplication	in the same	multiplication and	number problems	appropriate	simple 3-D shapes,	translate simple	as an average
required degree of	 divide numbers 	denomination	division facts	algebraically	use, read, write	including making	shapes on the	
accuracy	up to 4 digits by a	compare and	 solve problems 		and convert	nets	coordinate plane,	
use negative	two-digit whole	order fractions,	involving the	•find pairs of	between standard	compare and	and reflect them in	
numbers in context,	number using the	including fractions	calculation of	numbers that	units, converting	classify geometric	the axes	
and calculate	formal written	>1	percentages [for	satisfy an equation	measurements of	shapes based on		
intervals across	method of long	add and	example, of	with two unknowns	length, mass,	their properties and		
zero	division, and	subtract fractions	measures such as		volume and time	sizes and find		
solve number	interpret	with different	15% of 360] and	■enumerate	from a smaller unit	unknown angles in		
and practical	remainders as	denominators and	the use of	possibilities of	of measure to a	any triangles,		
problems that	whole number	mixed numbers,	percentages for	combinations of	larger unit, and vice	quadrilaterals, and		
involve all of the	remainders,	using the concept	comparison	two variables	versa, using	regular polygons		
above	fractions, or by	of equivalent	solve problems		decimal notation to	illustrate and		
	rounding, as	fractions	involving similar		up to three decimal	name parts of		
	appropriate for the	multiply simple	shapes where the		places	circles, including		
	context	pairs of proper	scale factor is		convert	radius, diameter		
	divide numbers	fractions, writing	known or can be		between miles and	and circumference		
	up to 4 digits by a	the answer in its	found		kilometres	and know that the		
	two-digit number	simplest form [for	solve problems		recognise that	diameter is twice		
	using the formal	example, '/ ₄ x '/ ₂ =	involving unequal		shapes with the	the radius		
	written method of	4 2	sharing and		same areas can	recognise		
	short division	['/]	grouping using		have different	angles where they		
	where appropriate,	divide proper	knowledge of		perimeters and vice	meet at a point, are		
	interpreting	fractions by whole	fractions and		versa	on a straight line, or		
	remainders	numbers [for	multiples		recognise when	are vertically		
	according to the	1			it is possible to use	opposite, and find		
	context	example, $\frac{1}{3} \div 2 =$			formulae for area	missing angles		
	 perform mental 	1, 1			and volume of			
	calculations,	6			shapes			
	including with	associate a fraction			 calculate the 			
	mixed operations	with division and			area of			
	and large numbers.	calculate decimal			parallelograms and			
	identify common	fraction equivalents			triangles			
	factors, common	[for example,			calculate,			
		0.3751 for a simple			estimate and			

multiples and prime fro	action [for		compare volume of		
	action [for		compare volume of		
numbers ex	xample, ۗ/ ֳ]		cubes and cuboids		
- use tileli	0		using standard		
knowledge of the •	1001101		units, including		
	alue of each digit		centimetre cubed		
	three decimal		(cm ³) and cubic		
calculations	aces and multiply				
involving the four and	nd divide numbers	1	metres (m ³), and		
operations by	v 10, 100 and		extending to other		
	000 giving		units [for example		
	nswers up to		3 3		
and Subtraction	ree decimal		mm and km]		
man stop problems	aces				
iii contoxto,					
deciding which					
	git numbers with				
mornous to use and .	o to two decimal				
	aces by whole				
■ solve problems nu	umbers				
involving addition,	use written				
subtraction, div	vision methods in				
multiplication and case	ases where the				
	nswer has up to				
	vo decimal places				
ass sommandir to	solve				
check and to te	roblems which				
Cancaration Cana	equire answers to				
dotomino, in the					
33.113.11 3. 41	e rounded to				
producting out	pecified degrees				
appropriate degree	faccuracy				
	recall and use				
	quivalences				
be	etween simple				
fra	actions, decimals				
an					
	nd percentages,				
linc	nd percentages, cluding in				