

Maths

Vocabulary Guide

Year 1

Number & Calculation

Number	Place Value	Estimating
number numeral zero one, two, three ... twenty teens numbers, eleven, twelve ... twenty twenty-one, twenty-two ... one hundred none how many ...? count, count (up) to, count on (from, to), count back (from, to) forwards backwards count in ones, twos, fives, tens equal to equivalent to is the same as more, less most, least many odd, even multiple of few pattern pair	ones tens digit the same number as, as many as more, larger, bigger, greater fewer, smaller, less fewest, smallest, least most, biggest, largest, greatest one more, ten more one less, ten less equal to one more, ten more one less, ten less compare order size first, second, third... twentieth last, last but one before, after next between half-way between	guess how many ...? estimate nearly roughly close to about the same as just over, just under too many, too few enough, not enough
Addition & Subtraction	Multiplication & Division	Fractions
addition add, more, and make, sum, total altogether double near double half, halve one more, two more ... ten more how many more to make ...? how many more is ... than ...? how much more is ...? subtract take away how many are left/left over? how many have gone? one less, two less, ten less ... how many fewer is ... than ...? how much less is ...? difference between	multiplication multiply multiplied by multiple division dividing grouping sharing doubling halving array number patterns	fraction equal part equal grouping equal sharing parts of a whole half one of two equal parts quarter one of four equal parts

Measurement

Measuring	Length	Weight	Capacity
measure	centimetre, metre	kilogram, half	litre, half litre
measurement	length, height, width,	kilogram	capacity
size	depth	weigh, weighs,	volume
compare	long, short, tall	balances	full
guess, estimate	high, low	heavy, light	empty
enough, not enough	wide, narrow	heavier than, lighter	more than
too much, too little	thick, thin	than	less than
too many, too few	longer, shorter, taller,	heaviest, lightest	half full
nearly, close to,	higher ... and so on	scales	quarter full
about the same as	longest, shortest,		holds
roughly	tallest, highest ... and		container
just over, just under	so on		
	far, near, close		
	ruler		
	metre stick		

Time	Money
time	money
days of the week, Monday, Tuesday ...	coin
months of the year (January, February ...)	penny, pence, pound
seasons: spring, summer, autumn, winter	price, cost
day, week, weekend, month, year	buy, sell
birthday, holiday	spend, spent
morning, afternoon, evening, night	pay
bedtime, dinner time, playtime	change
today, yesterday, tomorrow	dear, costs more
before, after	cheap, costs less, cheaper
earlier, later	costs the same as
next, first, last	how much ...?
midnight	how many ...?
date	total
now, soon, early, late	
quick, quicker, quickest, quickly	
slow, slower, slowest, slowly	
old, older, oldest	

Geometry

Properties of Shape

shape, pattern
flat
curved, straight
round
hollow, solid
sort
make, build, draw
size
bigger, larger, smaller
symmetry, symmetrical,
symmetrical pattern
pattern, repeating pattern
match

2D Shape

corner, side
point, pointed
rectangle
(including
square)
circle
triangle

3D Shape

face, edge,
vertex,
vertices
cube, cuboid
pyramid
sphere
cone
cylinder

Position & Direction

position
over, under, underneath
above, below
top, bottom, side
on, in
outside, inside
around
in front, behind
front, back
beside, next to
opposite
apart
between
middle, edge
centre
corner
direction
journey
left, right
up, down
forwards, backwards,
sideways
across
next to, close, near, far
along
through
to, from, towards, away from
movement
slide
roll
turn
stretch, bend
whole turn, half turn, quarter
turn, three-quarter turn

Statistics

count, sort, vote
group, set
list, table

General

pattern
puzzle
problem, problem solving
mental, mentally
what could we try next?
how did you work it out?
explain your thinking
recognise
describe
draw
compare
sort

Year 2

Number & Calculation

Number	Place Value	Estimating
number numeral zero one, two, three ... twenty teens numbers, eleven, twelve ... twenty twenty-one, twenty-two ... one hundred, two hundred ... one thousand none how many ...? count, count (up) to, count on (from, to), count back (from, to) forwards backwards count in ones, twos, fives, tens, threes, fours and so on equal to equivalent to is the same as more, less most, least tally many odd, even multiple of sequence continue	ones tens, hundreds digit one-, two- or three-digit number place, place value stands for, represents exchange the same number as, as many as more, larger, bigger, greater fewer, smaller, less fewest, smallest, least most, biggest, largest, greatest one more, ten more one less, ten less equal to compare order size first, second, third ... twentieth twenty-first, twenty-second ... last, last but one before, after next between halfway between above, below	guess how many ...? estimate nearly roughly close to about the same as just over, just under exact, exactly too many, too few enough, not enough
Addition & Subtraction	Multiplication & Division	Fractions
addition add, more, and make, sum, total altogether double near double half, halve one more, two more ... ten more ... one hundred more how many more to make ...? how many more is ... than ...? how much more is ...? subtract take away how many are left/left over? how many have gone? one less, two less, ten less ... one hundred less	multiplication multiply multiplied by multiple groups of times once, twice, three times ... ten times repeated addition division dividing, divide, divided by, divided into grouping sharing, share, share equally left, left over one each, two each, three each ... ten each group in pairs, threes ... tens equal groups of	fraction equivalent fraction mixed number numerator, denominator equal part equal grouping equal sharing parts of a whole half, two halves one of two equal parts quarter, two quarters, three quarters one of four equal parts one third, two thirds one of three equal parts

how many fewer is ... than ...?	doubling
how much less is ...?	halving
difference between equals	array
is the same as	row, column
number bonds/pairs/facts	number patterns
tens boundary	multiplication table
	multiplication fact, division fact

Measurement

Measuring	Length	Weight	Capacity
measure	centimetre, metre	kilogram, half	litre, half litre, millilitre
measurement	length, height, width, depth	kilogram, gram	capacity
size		weigh, weighs,	volume
compare	long, short, tall	balances	full
measuring scale	high, low	heavy, light	empty
guess, estimate	wide, narrow	heavier than, lighter than	more than
enough, not enough	thick, thin longer, shorter, taller, higher	heaviest, lightest	less than
too much, too little	... and so on	scales	half full
too many, too few	longest, shortest, tallest, highest ... and so on		quarter full
nearly, close to, about the same as			holds, contains
roughly			container
just over, just under	far, further, furthest, near, close		
	ruler		
	metre stick, tape measure		

Temperature	Time	Money
degree	time	money
thermometer	days of the week, Monday, Tuesday ...	coin
zero	months of the year (January, February ...)	penny, pence, pound
minus	seasons: spring, summer, autumn, winter	price, cost
negative	day, week, weekend, fortnight, month, year	buy, bought, sell, sold
	birthday, holiday	spend, spent
	morning, afternoon, evening, night	pay
	bedtime, dinnertime, playtime	change
	today, yesterday, tomorrow	dear, costs more
	before, after	cheap, costs less, cheaper
	earlier, later	costs the same as
	next, first, last	how much ...?
	midnight	how many ...?
	date	total
	now, soon, early, late	
	quick, quicker, quickest, quickly	
	slow, slower, slowest, slowly	
	old, older, oldest	
	new, newer, newest	

Geometry

Properties of Shape	2D Shape	3D Shape	Position & Direction
shape, pattern flat curved, straight round hollow, solid sort make, build, draw surface size bigger, larger, smaller symmetry, symmetrical, symmetrical pattern line symmetry pattern, repeating pattern match	corner, side point, pointed rectangle (including square), rectangular circle, circular triangle, triangular pentagon hexagon octagon	face, edge, vertex, vertices cube, cuboid pyramid sphere cone cylinder	position over, under, underneath above, below top, bottom, side on, in outside, inside around in front, behind front, back beside, next to opposite apart between middle, edge centre corner direction journey, route left, right up, down higher, lower forwards, backwards, sideways across next to, close, near, far along through to, from, towards, away from clockwise, anticlockwise movement slide roll turn stretch, bend whole turn, half turn, quarter turn, three-quarter turn right angle straight line

Statistics

count, tally, sort, vote
 graph, block graph, pictogram
 represent
 group, set
 list, table
 label, title
 most popular, most common
 least popular, least common

General

pattern puzzle problem, problem solving mental, mentally what could we try next? how did you work it out? show how you ... explain your thinking	explain your method describe the pattern describe the rule investigate recognise describe draw compare sort mental calculation written calculation
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Year 3

Number & Calculation

Number	Place Value	Estimating
number	ones	guess
numeral	tens, hundreds	how many ...?
zero	digit	estimate
one, two, three ... twenty	one-, two- or three-digit	nearly
teens numbers, eleven, twelve	number	roughly
... twenty	place, place value	close to
twenty-one, twenty-two ...	stands for, represents	approximate, approximately
one hundred, two hundred ...	exchange	about the same as
one thousand	the same number as, as	just over, just under
none	many as	exact, exactly
how many ...?	more, larger, bigger, greater	too many, too few
count, count (up) to, count on	fewer, smaller, less	enough, not enough
(from, to), count back (from,	fewest, smallest, least	round, nearest, round to the
to)	most, biggest, largest,	nearest ten,
forwards	greatest	hundred
backwards	one more, ten more, one	round up, round down
count in ones, twos, fives, tens,	hundred more	
threes,	one less, ten less, one	
fours, eights, fifties and so on	hundred less	
to hundreds	equal to	
equal to	compare	
equivalent to	order	
is the same as	size	
more, less	first, second, third ...	
most, least	twentieth	
tally	twenty-first, twenty-second	
many	...	
odd, even	last, last but one	
multiple of, factor of	before, after	
sequence	next	
continue	between	
predict	halfway between	
few	above, below	
pattern		
pair, rule		
relationship		
> greater than		
< less than		
Roman numerals		

Addition & Subtraction

addition
add, more, and
make, sum, total
altogether
double
near double
half, halve
one more, two more ... ten
more ... one hundred more

Multiplication & Division

multiplication
multiply
multiplied by
multiple, factor
groups of
times
product
once, twice, three times ...
ten times

Fractions

fraction
equivalent fraction
mixed number
numerator, denominator
equal part
equal grouping
equal sharing
parts of a whole
half, two halves

how many more to make ...?	repeated addition	one of two equal parts
how many more is ... than ...?	division	quarter, two quarters, three quarters
how much more is ...?	dividing, divide, divided by, divided into	one of four equal parts
subtract	left, left over, remainder	one third, two thirds
take away	grouping	one of three equal parts
how many are left/left over?	sharing, share, share equally	sixths, sevenths, eighths, tenths
how many have gone?	one each, two each, three each ... ten each	...
one less, two less, ten less ...	group in pairs, threes ... tens	
one hundred less	equal groups of	
how many fewer is ... than ...?	doubling	
how much less is ...?	halving	
difference between	array	
equals	row, column	
is the same as	number patterns	
number bonds/pairs/facts	multiplication table	
missing number	multiplication fact, division fact	
tens boundary, hundreds boundary		

Measurement

Measuring		Length		Weight		Capacity	
measure	little	millimetre,	longest,	kilogram, half	litre, half		
measurement size	too many, too few	centimetre, metre,	shortest, tallest,	kilogram, gram	litre, millilitre		
compare	nearly, close	kilometre,	highest ...	weigh, weighs,	capacity		
measuring	to, about the	mile	and so on	balances	volume		
scale, division	same as,	length,	far, further,	heavy, light	full		
guess,	approximately	height, width,	furthest,	heavier than,	empty		
estimate	roughly	depth	near, close	lighter than	more than		
enough, not enough	just over, just under	long, short, tall	distance	heaviest, lightest	less than		
too much, too		high, low	apart ...	scales	half full		
		wide, narrow	between ...		quarter full		
		thick, thin	to ... from		holds,		
		longer,	perimeter		contains		
		shorter, taller,	ruler				
		higher ... and so on	metre stick, tape measure				

Temperature		Time		Money	
degree	days of the week,	before,	usually	money	
thermometer	Monday,	after	once, twice	coin	
zero	Tuesday ...	earlier, later	hour, o'clock,	penny,	
minus	months of the year	next, first,	12-hour clock	pence,	
negative	year	last	time, 24-hour	pound	
degree	(January, February ...)	midnight	clock time half	price, cost	
centigrade	seasons:	calendar,	past, quarter	buy,	
	spring,	date	past, quarter to	bought, sell,	
	summer,	now, soon,	5, 10, 15 ...	sold	
	autumn,	early, late,	minutes past	spend,	
	winter	earliest,	a.m., p.m.	spent	
		latest		pay	
				change	

day, week, weekend, fortnight, month, year, century birthday, holiday morning, afternoon, evening, night bedtime, dinner time, playtime today, yesterday, tomorrow	quick, quicker, quickest, quickly slow, slower, slowest, slowly old, older, oldest new, newer, newest takes longer, takes less time how long ago? how long will it be to ...? how long will it take to ...? how often? always, never, often, sometimes	clock, clock face, watch, hands digital/analogue clock/watch, timer hour hand, minute hand hours, minutes, seconds Roman numerals	dear, costs more cheap, costs less, cheaper costs the same as how much ...? how many ...? total
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Geometry

Properties of Shape	2D Shape	3D Shape	Position & Direction
shape, pattern flat curved, straight round hollow, solid sort make, build, draw perimeter surface size bigger, larger, smaller symmetry, symmetrical, symmetrical pattern line symmetry pattern,	corner, side point, pointed rectangle (including square), rectangular circle, circular triangle, triangular pentagon, pentagonal hexagon, hexagonal octagon, octagonal quadrilateral right-angled parallel, perpendicular	face, edge, vertex, vertices cube, cuboid pyramid sphere, hemisphere cone cylinder prism, triangular prism	Position over, under, underneath above, below top, bottom, side on, in outside, inside around in front, behind front, back beside, next to opposite apart between middle, edge centre corner direction journey, route left, right up, down higher, lower

forwards, backwards, sideways
 across
 next to, close, near, far
 along
 through
 to, from, towards, away from
 clockwise, anticlockwise
 compass point
 north, south, east, west, N, S, E,
 W
 horizontal, vertical, diagonal
 movement
 slide roll turn
 stretch, bend
 whole turn, half turn, quarter
 turn,
 three-quarter turn
 angle ... is a greater/smaller
 angle than
 right angle
 acute angle
 obtuse angle

Statistics

count, tally, sort, vote
 graph, block graph, pictogram
 represent
 group, set
 list, table, chart, bar chart, frequency table
 Carroll diagram, Venn diagram
 label, title, axis, axes
 diagram
 most popular, most common
 least popular, least common

General

pattern	describe the rule
puzzle	investigate
problem, problem-	recognise
solving	describe
mental, mentally	draw
what could we try	compare
next?	sort
how did you work it	greatest value, least
out?	value
show how you ...	mental calculation
explain your thinking	written calculation
explain your method	statement
describe the pattern	

Year 4

Number & Calculation

Number	Place Value	Estimating
number	ones	guess
numeral	tens, hundreds	how many
zero	digit	estimate
one, two, three ... twenty	one-, two- or three-digit	nearly
teens numbers, eleven,	number	roughly
twelve ... twenty	place, place value	close to
twenty-one, twenty-two ...	stands for, represents	approximate, approximately
one hundred, two hundred ...	exchange	about the same as
one thousand ... ten	the same number as, as many	just over, just under
thousand, hundred thousand,	as	exact, exactly
million	more, larger, bigger, greater	too many, too few
none	fewer, smaller, less	enough, not enough
how many ...?	fewest, smallest, least	round, nearest, round to the
count, count (up) to, count	most, biggest, largest, greatest	nearest ten, hundred,
on (from, to),	one more, ten more, one	thousand
count back (from, to)	hundred more, one thousand	round up, round down
forwards	more	
backwards	one less, ten less, one hundred	
count in ones, twos, fives,	less, one thousand less	
tens, threes,	equal to	
fours, eights, fifties, sixes,	compare	
sevens, nines,	order	
twenty-fives and so on to	size	
hundreds,	first, second, third ... twentieth	
thousands	twenty-first, twenty-second ...	
equal to	last, last but on	
equivalent to	before, after	
is the same as	next	
more, less	between	
most, least	halfway between	
tally	above, below	
many		
odd, even		
multiple of, factor of		
sequence		
continue		
predict few		
pattern pair, rule		
relationship		
next, consecutive		
> greater than		
< less than		
Roman numerals		
integer, positive, negative		
above/below zero, minus		
negative numbers		

Addition & Subtraction

addition
 add, more, and
 make, sum, total
 altogether
 double
 near double
 half, halve
 one more, two more... ten
 more... one hundred more
 how many more to make ...?
 how many more is ... than ...?
 how much more is ...?
 subtract
 take away
 how many are left/left over?
 how many have gone?
 one less, two less, ten less ...
 one hundred less
 how many fewer is ... than ...?
 how much less is ...?
 difference between
 equals
 is the same as
 number bonds/pairs/facts
 missing number
 tens boundary, hundreds
 boundary
 inverse

Multiplication & Division

multiplication
 multiply
 multiplied by
 multiple, factor
 groups of
 times
 product
 once, twice, three times ... ten
 times
 repeated addition
 division
 dividing, divide, divided by,
 divided into
 left, left over, remainder
 grouping
 sharing, share, share equally
 one each, two each, three
 each ... ten each
 group in pairs, threes ... tens
 equal groups of
 doubling
 halving
 array
 row, column
 number patterns
 multiplication table
 multiplication fact, division
 fact
 inverse
 square, squared
 cube, cubed

Fractions

fraction
 equivalent fraction
 mixed number
 numerator, denominator
 equal part
 equal grouping
 equal sharing
 parts of a whole
 half, two halves
 one of two equal parts
 quarter, two quarters, three
 quarters
 one of four equal parts
 one third, two thirds
 one of three equal parts
 sixths, sevenths, eighths,
 tenths ...hundredths
 decimal, decimal fraction,
 decimal point, decimal
 place, decimal equivalent
 proportion

Measurement**Measuring**

measure
 measurement
 size
 compare
 unit, standard unit
 metric unit
 measuring scale,
 division
 guess, estimate
 enough, not enough
 too much, too little
 too many, too few
 nearly, close to,
 about the same as,
 approximately
 roughly
 just over, just under

Length

millimetre, centimetre,
 metre, kilometre, mile
 length, height, width,
 depth, breadth
 long, short, tall
 high, low
 wide, narrow
 thick, thin
 longer, shorter, taller,
 higher ... and so on
 longest, shortest,
 tallest, highest ... and
 so on
 far, further, furthest,
 near, close
 distance apart ...
 between ... to ... from
 edge, perimeter
 area, covers

Weight

mass: big, bigger,
 small, smaller
 weight: heavy/light,
 heavier/lighter,
 heaviest/lightest
 kilogram, half
 kilogram, gram
 weigh, weighs,
 balances
 heavy, light
 heavier than, lighter
 than
 heaviest, lightest
 scales

Capacity

litre, half litre, millilitre
 capacity
 volume
 full
 empty
 more than less than
 half full
 quarter full
 holds, contains
 container, measuring
 cylinder

Temperature	Time	Money
degree	time	money
thermometer	days of the week,	coin
zero	Monday, Tuesday ...	penny, pence,
minus	months of the year	pound
negative	(January, February ...)	price, cost
degree	seasons: spring,	buy, bought, sell, sold
centigrade	summer, autumn,	spend, spent
fahrenheit	winter	pay change
	day, week, weekend,	dear, costs more
	fortnight, month, year,	cheap, costs less,
	leap year, century,	cheaper
	millennium	costs the same as
	birthday, holiday	how much ...?
	morning, afternoon,	how many ...?
	evening, night	total
	bedtime, dinner time,	
	playtime	
	today, yesterday,	
	tomorrow	
	before, after	
	earlier, later	
	next, first, last	
	noon, midnight	
	calendar, date, date	
	of birth	
	now, soon, early, late,	
	earliest, latest	
	quick, quicker,	
	quickest, quickly	
	slow, slower, slowest,	
	slowly	
		old, older, oldest
		new, newer, newest
		takes longer, takes
		less time
		how long ago?
		how long will it be to
		...?
		how long will it take
		to ...?
		how often?
		always, never, often,
		sometimes
		usually
		once, twice
		hour, o'clock, half
		past, quarter past,
		quarter to
		5, 10, 15 ... minutes
		past
		a.m., p.m.
		clock, clock face,
		watch, hands
		digital/analogue
		clock/watch, timer
		hour hand, minute
		hand
		hours, minutes,
		seconds
		timetable, arrive,
		depart
		Roman numerals
		12-hour clock time,
		24-hour clock time

Geometry

Properties of Shape	2D Shape	3D Shape	Position & Direction
shape, pattern	2-D, two-	3-D, three-	position
flat, line	dimensional	dimensional	over, under, underneath
curved, straight	corner, side	face, edge,	above, below
round	point, pointed	vertex,	top, bottom, side
hollow, solid	rectangle	vertices	on, in
sort	(including	cube, cuboid	outside, inside
make, build, construct, draw,	square),	pyramid	around
sketch	rectangular,	sphere,	in front, behind
perimeter	oblong	hemisphere,	front, back
centre	rectilinear	spherical	beside, next to
surface	circle, circular	cone	opposite
angle, right-angled	triangle,	cylinder,	apart
base, square-based	triangular	cylindrical	between
size	equilateral	prism,	middle, edge
bigger, larger, smaller	triangle,	triangular	centre
symmetry, symmetrical,	isosceles	prism	corner
symmetrical pattern	triangle,		direction

line symmetry
reflect, reflection
pattern, repeating pattern
match
regular, irregular

scalene
triangle
pentagon,
pentagonal
hexagon,
hexagonal
heptagon
octagon,
octagonal
quadrilateral
parallelogram,
rhombus,
trapezium
polygon
right-angled
parallel,
perpendicular

tetrahedron,
polyhedron

journey, route
left, right
up, down
higher, lower
forwards, backwards,
sideways
across
next to, close, near, far
along
through
to, from, towards, away from
clockwise, anticlockwise
compass point
north, south, east, west, N, S,
E, W
north-east, north-west, south-
east, south-west, NE, NW, SE,
SW
horizontal, vertical, diagonal
translate, translation
movement
slide
roll
turn
stretch, bend
whole turn, half turn, quarter
turn, three-quarter turn
rotate, rotation
angle, is a greater/smaller
angle than
degree
right angle
acute angle
obtuse angle
reflection
straight line
ruler, set square
angle measurer, compass

Statistics

count, tally, sort, vote
survey, questionnaire, data
graph, block graph, pictogram
represent
group, set
list, table, chart, bar chart, frequency table
Carroll diagram, Venn diagram
label, title, axis, axes
diagram
most popular, most common
least popular, least common

General

pattern
puzzle
problem, problem
solving
mental, mentally
what could we try
next?
how did you work it
out?
show how you ...
explain your thinking
explain your method
describe the pattern
describe the rule

investigate
recognise
describe
draw
compare
sort
greatest value, least
value
mental calculation
written calculation
statement
justify
make a statement

Year 5

Number & Calculation

Number	Place Value	Estimating
number	ones	guess
numeral	tens, hundreds	how many ...?
zero	digit	estimate
one, two, three ... twenty	one-, two- or three-digit	nearly
teens numbers, eleven,	number	roughly
twelve ... twenty	place, place value	close to
twenty-one, twenty-two ...	stands for, represents	approximate, approximately
one hundred, two hundred ...	exchange	about the same as
one thousand ... ten	the same number as, as many	just over, just under
thousand, hundred thousand,	as	exact, exactly
million	more, larger, bigger, greater	too many, too few
none	fewer, smaller, less	enough, not enough
how many ...?	fewest, smallest, least	round, nearest, round to the
count, count (up) to, count	most, biggest, largest, greatest	nearest ten, hundred,
on (from, to), count back	one more, ten more, one	thousand, ten thousand
(from, to)	hundred more, one thousand	round up, round down
forwards	more	
backwards	one less, ten less, one hundred	
count in ones, twos, fives,	less, one thousand less	
tens, threes, fours, eights,	equal to	
fifties, sixes, sevens, nines,	compare	
twenty-fives and so on to	order	
hundreds, thousands	size	
equal to	first, second, third ... twentieth	
equivalent to	twenty-first, twenty-second ...	
is the same as	last, last but one	
more, less	before, after	
most, least	next	
tally	between	
many	halfway between	
odd, even	above, below	
multiple of, factor of		
factor pair		
sequence		
continue		
predict		
few		
pattern		
pair, rule		
relationship		
next, consecutive		
> greater than		
< less than		
≥ greater than or equal to		
≤ less than or equal to		
Roman numerals		
integer, positive, negative		
above/below zero, minus		
negative numbers		
formula		

Addition & Subtraction

addition
 add, more, and
 make, sum, total
 altogether
 double
 near double
 half, halve
 one more, two more ... ten
 more ... one hundred more
 how many more to make ...?
 how many more is ... than ...?
 how much more is ...?
 subtract
 take away
 how many are left/left over?
 how many have gone?
 one less, two less, ten less ...
 one hundred less
 how many fewer is ... than
 ...?
 how much less is ...?
 difference between
 equals
 is the same as
 number bonds/pairs/facts
 missing number
 tens boundary, hundreds
 boundary, ones boundary,
 tenths boundary
 inverse

Multiplication & Division

multiplication
 multiply
 multiplied by
 multiple, factor
 groups of
 times
 product
 once, twice, three times ... ten
 times
 repeated addition
 division
 dividing, divide, divided by,
 divided into
 left, left over, remainder
 grouping
 sharing, share, share equally
 one each, two each, three
 each ... ten each
 group in pairs, threes ... tens
 equal groups of
 doubling
 halving
 array
 row, column
 number patterns
 multiplication table
 multiplication fact, division
 fact
 inverse
 square, squared
 cube, cubed

Fractions

fraction, proper/improper
 fraction
 equivalent fraction
 mixed number
 numerator, denominator
 equivalent, reduced to,
 cancel
 equal part
 equal grouping
 equal sharing
 parts of a whole
 half, two halves
 one of two equal parts
 quarter, two quarters, three
 quarters
 one of four equal parts
 one third, two thirds
 one of three equal parts
 sixths, sevenths, eighths,
 tenths ...
 hundredths, thousandths
 decimal, decimal fraction,
 decimal point, decimal
 place, decimal equivalent
 proportion, in every, for every
 percentage, per cent, %

Measurement**Length**

millimetre, centimetre, metre,
 kilometre, mile
 length, height, width, depth,
 breadth
 long, short, tall
 high, low
 wide, narrow
 thick, thin
 longer, shorter, taller, higher
 ... and so on
 longest, shortest, tallest,
 highest ... and so on
 far, further, furthest, near,
 close
 distance apart ... between ...
 to ... from
 edge, perimeter
 area, covers

Weight

mass: big, bigger, small,
 smaller
 weight: heavy/light,
 heavier/lighter,
 heaviest/lightest
 kilogram, half kilogram, gram
 weigh, weighs, balances
 heavy, light
 heavier than, lighter than
 heaviest, lightest
 scales

Capacity

litre, half litre, millilitre
 capacity
 volume
 full
 empty
 more than
 less than
 half full
 quarter full
 holds, contains
 container, measuring cylinder
 pint, gallon

Temperature

degree
thermometer
zero
minus
negative
degree
centigrade
fahrenheit

Time

time
days of the week, Monday,
Tuesday ...
months of the year (January,
February ...)
seasons: spring, summer,
autumn, winter
day, week, weekend,
fortnight, month, year, leap
year, century, millennium
birthday, holiday
morning, afternoon, evening,
night
bedtime, dinner time, playtime
today, yesterday, tomorrow
before, after
earlier, later
next, first, last
noon, midnight
calendar, date, date of birth
now, soon, early, late, earliest,
latest
quick, quicker, quickest,
quickly
slow, slower, slowest, slowly
old, older, oldest
new, newer, newest
takes longer, takes less time
how long ago?
how long will it be to ...?
how long will it take to ...?
how often?
always, never, often,
sometimes
usually
once, twice
hour, o'clock, half past,
quarter past, quarter to
5, 10, 15 ... minutes past
a.m., p.m.
clock, clock face, watch,
hands
digital/analogue clock/watch,
timer
hour hand, minute hand
hours, minutes, seconds
timetable, arrive, depart
Roman numerals
12-hour clock time, 24-hour
clock time

Money

money
coin
penny, pence, pound
price, cost
buy, bought, sell, sold
spend, spent
pay
change
dear, costs more
cheap, costs less, cheaper
costs the same as
how much ...?
how many ...?
total
discount
currency

Geometry

Properties of Shape	2D Shape	3D Shape	Position & Direction
shape, pattern	2-D, two-dimensional	3-D, three-dimensional	position
flat, line	corner, side	face, edge,	over, under, underneath
curved, straight	point, pointed	vertex,	above, below
round	rectangle	vertices	top, bottom, side
hollow, solid	(including	cube, cuboid	on, in
sort	square),	pyramid	outside, inside
make, build, construct, draw,	rectangular,	sphere,	around
sketch	oblong	hemisphere,	in front, behind
perimeter	rectilinear	spherical	front, back
centre, radius, diameter	circle, circular	cone	beside, next to
surface	triangle,	cylinder,	opposite
angle, right-angled	triangular	cylindrical	apart
congruent	equilateral	prism,	between
base, square-based	triangle,	triangular	middle, edge
size	isosceles	prism	centre
bigger, larger, smaller	triangle,	tetrahedron,	corner
symmetry, symmetrical,	scalene	polyhedron	direction
symmetrical pattern	triangle	octahedron	journey, route
line symmetry	pentagon,		left, right
reflect, reflection	pentagonal		up, down
axis of symmetry, reflective	hexagon,		higher, lower
symmetry	hexagonal		to, from, towards, away from
pattern, repeating pattern	heptagon		clockwise, anticlockwise
match	octagon,		compass point
regular, irregular	octagonal		north, south, east, west, N, S, E, W
	quadrilateral		north-east, north-west, south-east, south-west, NE, NW, SE, SW
	parallelogram,		horizontal, vertical, diagonal
	rhombus,		translate, translation
	trapezium		coordinate
	polygon		movement
	right -angled		slide
	parallel,		roll
	perpendicular		turn
	x-axis, y-axis,		stretch, bend
	quadrant		whole turn, half turn, quarter turn, three-quarter turn
			rotate, rotation
			angle, is a greater/smaller angle than
			degree
			right angle
			acute angle
			obtuse angle
			reflection
			straight line
			ruler, set square
			angle measurer, compass, protractor

Statistics

count, tally, sort, vote
survey, questionnaire, data, database
graph, block graph, pictogram
represent
group, set
list, table, chart, bar chart, frequency table,
bar line chart
Carroll diagram, Venn diagram
line graph
label, title, axis, axes
diagram
most popular, most common
least popular, least common
maximum/minimum value
outcome

General

pattern
puzzle
problem, problem
solving
mental, mentally
what could we try
next?
how did you work it
out?
show how you ...
explain your thinking
explain your method
describe the pattern
describe the rule
investigate
recognise
describe
draw
compare
sort
greatest value, least
value
mental calculation
written calculation
statement
justify
make a statement
explain your
reasoning

Year 6

Number & Calculation

Number	Place Value	Estimating
number	ones	guess
numeral	tens, hundreds	how many ...?
zero	digit	estimate
one, two, three ... twenty	one-, two- or three-digit number	nearly
teens numbers, eleven,	place, place value	roughly
twelve ... twenty	stands for, represents	close to
twenty-one, twenty-two ...	exchange	approximate, approximately
one hundred, two hundred	the same number as, as many	about the same as
... one thousand ... ten	as	just over, just under
thousand, hundred	more, larger, bigger, greater	exact, exactly
thousand, million	fewer, smaller, less	too many, too few
none	fewest, smallest, least	enough, not enough
how many ...?	most, biggest, largest, greatest	round, nearest, round to the
count, count (up) to, count	one more, ten more, one	nearest ten, hundred,
on (from, to), count back	hundred more, one thousand	thousand, ten thousand
(from, to)	more	round up, round down
forwards	one less, ten less, one hundred	
backwards	less, one thousand less	
count in ones, twos, fives,	equal to	
tens, threes, fours, eights,	compare	
fifties, sixes, sevens, nines,	order	
twenty-fives and so on to	size	
hundreds, thousands	first, second, third ... twentieth	
equal to	twenty-first, twenty-second ...	
equivalent to	last, last but one	
is the same as	before, after	
more, less	next	
most, least	between	
tally	halfway between	
many	above, below	
odd, even		
multiple of, factor of		
factor pair		
sequence		
continue		
predict		
few		
pattern		
pair, rule		
relationship		
next, consecutive		
> greater than		
< less than		
≥ greater than or equal to		
≤ less than or equal to		
Roman numerals		
integer, positive, negative		
above/below zero, minus		
negative numbers		
formula		

divisibility
square number
prime number
factorise prime factor
ascending/descending
order
digit total

Addition & Subtraction	Multiplication & Division	Fractions
addition add, more, and make, sum, total altogether double near double half, halve one more, two more ... ten more ... one hundred more how many more to make ...? how many more is ... than ...? how much more is ...? subtract take away how many are left/left over? how many have gone? one less, two less, ten less ... one hundred less how many fewer is ... than ...? how much less is ...? difference between equals is the same as number bonds/pairs/facts missing number tens boundary, hundreds boundary, ones boundary, tenths boundary inverse	multiplication multiply multiplied by multiple, factor groups of times product once, twice, three times ... ten times repeated addition division dividing, divide, divided by, divided into left, left over, remainder grouping sharing, share, share equally one each, two each, three each ... ten each group in pairs, threes ... tens equal groups of doubling halving array row, column number patterns multiplication table multiplication fact, division fact inverse square, squared cube, cubed	fraction, proper/improper fraction equivalent fraction mixed number numerator, denominator equivalent, reduced to, cancel equal part equal grouping equal sharing parts of a whole half, two halves one of two equal parts quarter, two quarters, three quarters one of four equal parts one third, two thirds one of three equal parts sixths, sevenths, eighths, tenths ... hundredths, thousandths decimal, decimal fraction, decimal point, decimal place, decimal equivalent proportion, in every, for every ratio percentage, per cent, %

Measurement

Measuring	Length	Weight	Capacity
measure measurement size compare unit, standard unit metric unit, imperial unit measuring scale, division guess, estimate	centimetre, metre, millimetre, kilometre, mile, yard, foot, feet, inch, inches length, height, width, depth, breadth long, short, tall high, low wide, narrow thick, thin	mass: big, bigger, small, smaller weight: heavy/light, heavier/lighter, heaviest/lightest tonne, kilogram, half kilogram, gram, pound, ounce weigh, weighs, balances	litre, half litre, millilitre, centilitre cubic centimetres(cm ³), cubic metres (m ³), cubic millimetres (mm ³), cubic kilometres (km ³) capacity volume

<p>enough, not enough too much, too little too many, too few nearly, close to, about the same as, approximately roughly just over, just under</p>	<p>longer, shorter, taller, higher ... and so on longest, shortest, tallest, highest ... and so on far, further, furthest, near, close distance apart ... between ... to ... from edge, perimeter, circumference area, covers square centimetre (cm²), square metre (m²), square millimetre (mm²) ruler metre stick, tape measure</p>	<p>heavy, light heavier than, lighter than heaviest, lightest scales</p>	<p>full empty more than less than half full quarter full holds, contains container, measuring cylinder pint, gallon</p>
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Temperature	Time	Money	
<p>degree thermometer zero minus negative degree centigrade Fahrenheit</p>	<p>Time days of the week, Monday, Tuesday ... months of the year (January, February ...) seasons: spring, summer, autumn, winter day, week, weekend, fortnight, month, year, leap year, century, millennium birthday, holiday morning, afternoon, evening, night bedtime, dinner time, playtime today, yesterday, tomorrow before, after earlier, later next, first, last noon, midnight calendar, date, date of birth now, soon, early, late, earliest, latest quick, quicker, quickest, quickly</p>	<p>how long ago? how long will it be to ...? how long will it take to ...? how often? always, never, often, sometimes usually once, twice hour, o'clock, half past, quarter past, quarter to 5, 10, 15 ... minutes past a.m., p.m. clock, clock face, watch, hands digital/analogue clock/watch, timer hour hand, minute hand hours, minutes, seconds timetable, arrive, depart Roman numerals 12-hour clock time, 24- hour clock time Greenwich Mean Time, British Summer</p>	<p>money coin penny, pence, pound price, cost buy, bought, sell, sold spend, spent pay change dear, costs more cheap, costs less, cheaper costs the same as how much ...? how many ...? total discount currency profit, loss</p>

slow, slower, slowest, slowly
 old, older, oldest
 new, newer, newest
 takes longer, takes less time
 Time, International Date Line

Geometry

Properties of Shape	2D Shape	3D Shape	Position & Direction
shape, pattern	2-D, two-dimensional	3-D, three-dimensional	position
flat, line	corner, side	face, edge,	over, under, underneath
curved, straight	point, pointed	vertex, vertices	above, below
round	rectangle	cube, cuboid	top, bottom, side
hollow, solid	(including square),	pyramid	on, in
sort	rectangular,	sphere,	outside, inside
make, build, construct,	oblong	hemisphere,	around
draw, sketch	rectilinear	spherical	in front, behind
perimeter	circle, circular	cone	front, back
centre, radius, diameter	triangle,	cylinder,	beside, next to
circumference, concentric,	triangular	cylindrical	opposite
arc	equilateral	prism,	apart
net, open, closed	triangle,	triangular prism	between
surface	isosceles	tetrahedron,	middle, edge
angle, right-angled	triangle,	polyhedron	centre
congruent	scalene	octahedron	corner
intersecting, intersection	triangle	dodecahedron	direction
plane	pentagon,	net, open,	journey, route
base, square-based	pentagonal	closed	left, right
size	hexagon,		up, down
bigger, larger, smaller	hexagonal		higher, lower
symmetry, symmetrical,	heptagon		forwards, backwards,
symmetrical pattern	octagon,		sideways
line symmetry	octagonal		across
reflect, reflection	quadrilateral		next to, close, near, far
axis of symmetry, reflective	parallelogram,		along
symmetry	rhombus,		through
pattern, repeating pattern	trapezium, kite		to, from, towards, away from
match	polygon		clockwise, anticlockwise
regular, irregular	right-angled		compass point
	parallel,		north, south, east, west, N, S, E, W
	perpendicular		north-east, north-west, south-east, south-west, NE, NW, SE, SW
	x-axis, y-axis,		horizontal, vertical, diagonal
	quadrant		translate, translation
			coordinate
			movement
			slide
			roll
			turn
			stretch, bend
			whole turn, half turn, quarter
			turn, three-quarter turn
			rotate, rotation

angle, is a greater/smaller
angle than
degree
right angle
acute angle
obtuse angle
reflex angle
reflection
straight line
ruler, set square
angle measurer, compass,
protractor

Statistics

count, tally, sort, vote
survey, questionnaire, data, database
graph, block graph, pictogram represent
group, set
list, table, chart, bar chart, frequency table,
bar line chart
Carroll diagram, Venn diagram
line graph pie chart label, title, axis, axes
diagram most popular, most common
least popular, least common
maximum/minimum value outcome
mean (mode, median, range as estimates
for this)
statistics, distribution

Algebra

formula, formulae
equation
unknown
variable

General

Pattern puzzle
problem, problem solving
mental, mentally
what could we try next?
how did you work it out?
show how you ...
explain your thinking
explain your method
describe the pattern
describe the rule

investigate
recognise
describe
draw compare sort
greatest value, least value
mental calculation written calculation
statement
justify
make a statement
explain your reasoning