

Year 6

Numbers and the number system

Place value, ordering and rounding

units, ones
tens, hundreds, thousands
ten thousand, hundred thousand,
million
digit, one-, two-, three- or four-digit
number
numeral
'teens' number
place, place value
stands for, represents
exchange
the same number as, as many as
equal to
Of **two** objects/amounts:
>, greater than, more than, larger
than, bigger than
<, less than, fewer than, smaller than
≥, greater than or equal to

≤, less than or equal to
Of **three** or more objects/amounts:
greatest, most, largest, biggest
least, fewest, smallest,
one... ten... one hundred... one
thousand more/less
compare, order, size
ascending/descending order
first... tenth... twentieth
last, last but one
before, after
next
between, half-way between
guess how many, estimate
nearly, roughly, close to, about the
same as
approximate, approximately
≈, is approximately equal to
just over, just under
exact, exactly
too many, too few, enough, not
enough
round (up or down), nearest
round to the nearest
ten/hundred/thousand

integer, positive, negative
above/below zero, minus

Properties of numbers and number sequences

number, count, how many...?
odd, even
every other
how many times?
multiple of
digit
next, consecutive
sequence
continue
predict
pattern, pair, rule
relationship
sort, classify, property
formula
divisible (by), divisibility, factor,
factorise
square number
one squared, two squared...(1², 2²...)
prime, prime factor

Fractions, decimals, percentages, ratio and proportion

part, equal parts
fraction, proper/improper fraction
mixed number
numerator, denominator
equivalent, reduced to, cancel
one whole
half, quarter, eighth
third, sixth, ninth, twelfth
fifth, tenth, twentieth
hundredth, thousandth
proportion, ratio, in every, for every
to every, as many as
decimal, decimal fraction
decimal point, decimal place
percentage, per cent, %

Calculations

Addition and subtraction

add, addition, more, plus, increase
sum, total, altogether

score
double, near double
how many more to make...?
subtract, subtraction, take (away),
minus, decrease
leave, how many are left/left over?
difference between
half, halve
how many more/fewer is... than...?
how much more/less is...?
is the same as, equals, sign
tens boundary, hundreds boundary
units boundary, tenths boundary
inverse

Multiplication and division

lots of, groups of
times, multiplication, multiply,
multiplied by
multiple of, product
once, twice, three times
four times, five times... ten times
times as (big, long, wide, and so on)
repeated addition
array, row, column
double, halve

share, share equally
one each, two each, three each...
group in pairs, threes... tens
equal groups of
divide, division, divided by, divided
into
remainder
factor, quotient, divisible by
inverse

Using a calculator

calculator, display, key
enter, clear, sign change
constant, recurring, memory,
operation key

Solving problems

Making decisions and reasoning

pattern, puzzle
calculate, calculation
mental calculation
method, strategy
jotting

answer
right, correct, wrong
what could we try next?
how did you work it out?
number sentence
sign, operation, symbol, equation

Money

money
coin, note
penny, pence, pound, (£)
price, cost
buy, bought, sell, sold
spend, spent
pay
change
dear, costs more, more/most
expensive
cheap, costs less, cheaper, less/least
expensive
how much...? how many...?
total, amount, value
discount, profit, loss
currency

Handling data

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

Probability

fair, unfair
likely, unlikely, likelihood, equally
likely

certain, uncertain
probable, possible, impossible
chance, good chance,
poor chance, no chance
equal chance, even chance, fifty-
fifty chance
risk, doubt
biased, random

Measures, shape and space

Measures (general)

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

Length

length, width, height, depth, breadth
long, short, tall, high, low
wide, narrow, deep, shallow, 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, circumference
kilometre (km), metre (m),
centimetre (cm), millimetre (mm)
mile, yard, feet, foot, inches, inch
ruler, metre stick, tape measure,
compasses

Mass

mass: big, bigger, small, smaller,
balances
weight: heavy/light, heavier/lighter,
heaviest/lightest
weigh, weighs
tonne, kilogram (kg), half-kilogram,

gram (g)
pound, ounce
balance, scales

Capacity

capacity
full, half full
empty
holds, contains
litre (l), half-litre, centilitre (cl),
millilitre (ml)
pint, gallon
container, measuring cylinder

Area

area, covers, surface
square centimetre (cm²), square
metre (m²)
square millimetre (mm²)

Time

time
days of the week: Monday, Tuesday...
months of the year: January,

February...
seasons: spring, summer, autumn,
winter
day, week, fortnight, month
year, leap year, century, millennium
weekend, birthday
holiday
calendar, date, date of birth
morning, afternoon, evening, night
am, pm, noon, midnight
today, yesterday, tomorrow
before, after, next, last
now, soon, early, late, earliest, latest
quick, quicker, quickest, quickly
fast, faster, fastest, 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...?
timetable, arrive, depart
hour, minute, second
o'clock, half past, quarter to,
quarter past
clock, watch, hands

digital/analogue clock/watch, timer
24-hour clock, 12-hour clock
Greenwich Mean Time, British
Summer Time
International Date Line
how often?
always, never, often, sometimes,
usually

Shape and space

shape, pattern
flat, line
curved, straight
round
hollow, solid
corner
point, pointed
face, side, edge, end
sort
make, build, construct, draw, sketch
centre, radius, diameter
circumference, concentric, arc
net
surface
angle, right-angled
congruent

intersecting, intersection
plane
base, square-based
vertex, vertices
layer, diagram
regular, irregular
concave, convex
open, closed
tangram

3D shapes

3D, three-dimensional
cube, cuboid
pyramid
sphere, hemi-sphere, spherical
cone
cylinder, cylindrical
prism
tetrahedron, polyhedron,
octahedron, dodecahedron

2D shapes

2D, two-dimensional
circle, circular, semi-circle
triangle, triangular

equilateral triangle, isosceles
triangle, scalene triangle
square, rhombus
rectangle, rectangular, oblong
pentagon, pentagonal
hexagon, hexagonal
heptagon
octagon, octagonal
polygon
quadrilateral
kite
parallelogram, trapezium

Patterns and symmetry

size
bigger, larger, smaller
symmetrical
line of symmetry, axis of symmetry
line symmetry, reflective symmetry
fold
match
mirror line, reflection, reflect
pattern, repeating pattern,
translation

Position, direction and movement

position

over, under, underneath

above, below, top, bottom, side

on, in, outside, inside, around

in front, behind, front, back

before, after, beside, next to

opposite, apart

between, middle, edge, centre

corner

direction

journey, route, map, plan

left, right

up, down, higher, lower

forwards, backwards, sideways,

across

close, far, near

along, through, to, from, towards,

away from

ascend, descend

grid, row, column

origin, coordinates

clockwise, anti-clockwise

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

parallel, perpendicular

x-axis, y-axis

quadrant

movement

slide, roll

whole turn, half turn, quarter turn,

rotate, rotation

angle, ...is a greater/smaller angle

than

right angle, acute, obtuse, reflex

degree

straight line

stretch, bend

ruler, set square

angle measurer, compasses,

protractor