

Maths Vocabulary Year 6

Number and Place value

Number, numeral

Zero, one,
two, three to twenty, and beyond to one hundred, two hundredone thousand, ten thousand, hundred thousand, million

None
How many...?
Count (on/up/to/from/down)

Forwards, backwards

Count in ones, twos, fives, tens, threes and fours, eights, six, sevens, nines, twenty fives, fifties and so on to hundreds

Equal to, equivalent, is the same as, as many as, pair, rule, relationship, next, consecutive, > greater than, < less than, \geq greater than or equal to, \leq 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**

More, most, less, least, lesser, many, few, fewer, fewest, smaller, smallest,
larger, largest, greater, greatest, bigger, biggest, sequence, continue, predict

Odd and even

Multiple of, factor of, factor pair

One more, ten more, one less, ten less, one hundred more, one hundred less, one thousand more, one thousand less

Units, ones, tens, digit, one-, two- or three-digit number, place, place value
stands for, represents, exchange, numeral

First, second, third, third.....twentieth, twenty first, twenty second etc

Last, last one, last but one

Before, after, next, between, half-way between, above, below

Compare, order, size, tally,

Addition and 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? How many fewer is..... than....? How much less is..?

One less, two less, ten less, one hundred less
Difference between

Equals, is the same as

Number bonds/pairs/facts tens boundary, hundreds boundary, ones boundary, tenths boundary

Estimation

Guess, how many ...? estimate, nearly, roughly, close to, approximately, approximate, about the same as, just over, just under, too many, too few, enough, not enough, exact, exactly, round, nearest, round to the nearest ten, hundred, thousand, ten thousand, round up, round down

Multiplication and 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
grouping, sharing, share, share equally, left, left over, remainder, one each, two each, three each ... ten each, group in pairs, threes ... tens

Equal groups of

Multiplication table, multiplication fact, division fact, doubling, halving

Array, row, column, number patterns

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, **ratio**, percentage, per cent, %

Algebra - Formula, formulae, equation, unknown, variable

Measures

Measure, measurement, measuring scale, division

Size, compare, unit, standard unit, metric unit, imperial unit

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, **yard, foot, feet, inch, inches**

Length, height, width, depth, breadth

Long, short, tall, high, low, wide, narrow, thick, thin, longer, shorter, taller, higher, longest,, shortest, tallest, highest

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

Weight

Tonne, kilogram, half kilogram, gram, **pound**, **ounce**, weigh, weighs,

Balances, scales

Heavy, light, heavier than, lighter than, heaviest, lightest, mass: big, bigger, small, smaller, heavier/lighter, heaviest/lightest

Capacity and volume

litre, half litre, millilitre, **centilitre**, **cubic centimetres(cm³)**, **cubic metres (m³)**, **cubic millimetres (mm³)**, **cubic kilometres (km³)** pint, gallon

Capacity, volume

Full, empty, more than, less than, half full, quarter full, holds, contains

Temperature

Temperature, degree, centigrade

Time

Days of the week, months of the year, seasons, day, week, weekend, fortnight, month, year, leap year, century, millennium, calendar, date, date of birth, birthday, morning, noon, afternoon, evening, night, bedtime, midnight

Today, yesterday, tomorrow

Before, after, earlier, later, first, last, 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, **Greenwich Mean Time**, **British Summer Time**, **International Date Line**

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, **profit**, **loss**

Geometry

Properties of shape

Shape, pattern

Flat, line, curved, straight, round, hollow, solid, centre, radius, diameter, **circumference**, **concentric**, **arc**, **net**, **open**, **closed**, surface

Sort, make, build, construct, draw, sketch, perimeter, angle, right-angled, congruent, **intersecting, intersection, plane** base, square-based

Reflect, reflection, axis of symmetry, reflective symmetry

Size, bigger, larger, smaller

Symmetry, symmetrical, symmetrical pattern, line symmetry, repeating pattern, match, regular, irregular

2-D shape

2-D, two-dimensional

Corner, side, point, pointed, rectangle (including square), rectangular, oblong

rectilinear, circle, circular, triangle, triangular, equilateral triangle, isosceles triangle, scalene triangle,

pentagon, pentagonal hexagon, hexagonal, heptagon, octagon, octagonal

Quadrilateral, parallelogram, rhombus, trapezium, **kite**, polygon, right-angled, parallel, perpendicular

3-D shape

3-D, three-dimensional

Face, edge, vertex, vertices

Cube, cuboid, pyramid, sphere, spherical, hemisphere, cone, cylinder, cylindrical, prism, triangular prism,

tetrahedron, polyhedron, octahedron, **dodecahedron**

net, open, closed

Position and 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, route, left, right, up, down, higher, lower, forwards, backwards, sideways, across, next to, close, near, far, along, through, to, from, towards, clockwise, anti-clockwise, away from,

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, coordinate

Movement, slide, roll, turn, stretch, bend

Whole turn, half turn, quarter turn, three-quarter turn, rotate, rotation, degree, right angle, straight line,

ruler, set square, angle measurer, compass, protractor

Angle ... is a greater/smaller angle than, acute angle, obtuse angle, **reflex angle**, reflection

Statistics

Count, tally, sort, vote, survey, questionnaire, data, database, group, 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

General

Pattern, puzzle, problem, problem solving, mental, mentally

Recognise, describe, draw, compare, sort

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

What's the same? What's different? Justify, make a statement Explain your reasoning with proof

Mental calculation, written calculation, greatest value, least value, statement,