

Year 6 - Maths Vocabulary

Words in red are new for year group.

Number and place value

Number

number, numeral

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

none

How many...?

count (on/up/to/from/down), forwards, backwards

count in ones, twos, fives, eights, tens, threes and fours, fifties, and so on to hundreds

equal to, equivalent to, is the same as, more, less, most, least,

tally, many, multiple of, factor of, factor pair

Roman numerals, integer, positive, negative above/below zero, minus negative numbers, formula, divisibility, square number

prime number, **factorise**, prime factor, composite, ascending/descending order, **digit total**

odd and even, sequence, continue, predict, few, pattern, pair, rule, relationship

as many as, > greater than, < less than \geq greater than or equal to \leq less than or equal to

Place value

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, most, less, least, lesser, many, fewer, fewest, smaller, smallest, larger, largest, greater,

greatest, bigger, biggest, compare, order, size, tally,

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

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

Addition and subtraction

addition, add, more, and, make, sum, total, put together, 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, distance between, equals, is the same as,

number bonds/pairs/facts tens boundary, hundreds boundary, ones boundary, tenths boundary, inverse

Estimating

guess, how many ...? estimate, nearly, roughly, close to, about the same as, just over, just under, too many, too few, enough, not enough, exact, exactly, approximate, approximately

round, nearest, round up, round down, round to the nearest ten, hundred, thousand, ten thousand

Multiplication and Division

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

division, dividing, divide, divided by, divided into

grouping, sharing, share, share equally, **unequal sharing**, 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, inverse square, squared cube, cubed

doubling, halving

array, row, column, number patterns

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, unit fractions and non-unit fractions
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, equivalent expressions

Measure

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, half as high, twice as wide

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

mass: big, bigger, small, smaller weight: heavy/light, heavier/lighter, heaviest/ lightest

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

balances, scales

heavy, light, heavier than, lighter than, heaviest, lightest

Capacity and volume

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

capacity, volume

full, empty, more than, less than, half full, quarter full, holds, contains, container, measuring cylinder, pint, gallon

Temperature

temperature, degree, centigrade

Speed

Miles per hour

Time

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

today, yesterday, tomorrow

before, after, earlier, later, next, first, last, noon, midnight, 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, note, penny, pence, pound, £, p

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, surface

sort, make, build, construct, draw, sketch, perimeter, centre, radius, diameter, **circumference, concentric, arc, net, open, closed**, angle, right-angled, congruent, **intersecting, intersection, plane**, base, square-based
size, bigger, larger, smaller

symmetry, symmetrical, symmetrical pattern, line symmetry, reflect, reflection, axis of symmetry, reflective 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, x-axis, y-axis, quadrant

3-D shape

3-D, three dimensional, Face, edge, vertex, vertices

cube, cuboid, pyramid, sphere, hemisphere, spherical, 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, 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, away from, **full coordinate grid**

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, group, block graph, pictogram, represent, set, list, table, chart, bar chart, frequency table 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

What could we try next?

How did you work it out?

Show how you.....

Explain your thinking

Explain your method

How many more?

How many fewer?

Ape It!

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