

Maths vocabulary for year 5 and year 6

This table can be used to check pupils' understanding of the vocabulary introduced in year 5 and year 6. The list is intended as a guide to what pupils should know, and is not exhaustive.

Number and place value	Addition, subtraction, multiplication and division (calculation)	Fractions	Geometry – properties of shape	Geometry – position and direction	Measurement	Statistics	Problem solving/ general vocabulary
order	calculate, mental calculation, written calculation	fraction	3-D, three-dimensional	reflection	measure	information	problem
compare		half, halfway between	2-D, two-dimensional	rotation, centre of rotation	convert	graph, block graph, pictogram, bar chart, tally chart, line graph, pie chart, diagram, list, chart, table, label, title, diagram, survey, questionnaire	pattern
most, least	number sentence	halve, quarter, whole	net, construct	translation	metric		number sentence
fewer, fewest	sign, operation, symbol	part, equal parts, one whole, parts of a whole, number of parts	regular, irregular	origin	units	graph, pie chart, diagram, list, chart, table, label, title, diagram, survey, questionnaire	explain, show me
positive, negative	inverse	left over	concave, convex	coordinates	scale	horizontal axis, vertical axis	record
above/below zero	equation	one-half, one-quarter, three-quarters, one whole	curved, straight	x-coordinate, y-coordinate	length	axes, scale	method, predict, reason, reasoning
greater than (>), less than (<), equal to (=)	informal method		hollow, solid	x-axis, y-axis, axes	centimetre (cm), metre (m), millimetre (mm)	interval	relationship
round, estimate, approximately	jottings, diagrams, pictures, images		flat, side, corner, point, face, edge, side, round	quadrant	ruler, metre stick, tape measure		rule, sequence
place value	add, plus (+)		vertex, vertices	whole-turn, half-turn, quarter-turn	container, unit, capacity, measuring jug, contains	greatest/least value construct	formula
partition	makes, sum, total, altogether	unit fraction, proper fraction, mixed number	polygon, triangle, circle,	right, left		interval	strategy
hundreds, thousands	subtract, minus (-), take away, leaves, difference					greatest/least value construct	consecutive
digit, four-digit number	mixed operations					criterion/criteria	

decimal point, decimal place	group, share, equal groups of, grouping	numerator, denominator	rectangle, square	position, direction	litre (l), half- litre, millilitre (ml)	collect, organise, compare, order, sort, group, classify	term
tenths, hundredths, thousandths	array, row, column	equivalent	equilateral triangle, isosceles triangle	grid	weight, heavy, mass		generalise
exchange	multiply, multiplication, multiplied by (×)	simplify		route			analyse, interpret
numeral, integer	share equally, divide, division, divided by (÷)	proportion	quadrilateral, oblong, pentagon, hexagon, octagon, heptagon, rhombus, kite, parallelogram, trapezium, scalene, polyhedron, cube, cuboid, pyramid, cone, cylinder, sphere, dodecahedron, octahedron, tetrahedron	straight line	holds more, holds less	property	
equivalent		ratio		north-east (NE), north-west (NW), south- west (SW), south-east (SE)	balance, scales, measuring scale, weigh	represent	
predict	remainder, round up, round down	in every, for every, to every				interpret	
pattern, repeating pattern	double, halve, pair, near double, half	percentage, per cent (%)		clockwise, anticlockwise	kilogram (kg), half-kilogram, gram (g)	tally, vote	
sort	scale, scaling			horizontal, vertical		guess, estimate	
property				angle, protractor, right angle, acute, obtuse, reflex	inch, foot, yard, pint, gallon, ounce, pound, stone	frequency	
set, group						mode	
odd, even						maximum/ minimum value	
sequence, continue			symmetrical, line of symmetry, fold, mirror line		perimeter, area, surface area, volume	range, mean, average, median	
ascending, descending					square centimetre (cm ²), cubic centimetre	statistics	
degrees Celsius (°C)			parallel, perpendicular				

<p>Roman numeral</p> <p>criteria</p> <p>multiple, factor, divisor, quotient, product</p> <p>square number, cube number</p> <p>factorise</p> <p>divisible, divisibility</p> <p>prime, prime factor</p> <p>consecutive</p> <p>common factor, common multiple, lowest common multiple (LCM), highest common factor (HCF)</p>			<p>radius, diameter, circumference</p> <p>intersecting, intersection</p> <p>plane</p>		<p>(cm³), degree (°)</p> <p>money, coin, pence, penny, pound, pay, change, buy, sell, price, spend</p> <p>digital, analogue</p> <p>hour (h), minute (min), second (s)</p> <p>quarter to, quarter past, half-past</p> <p>am, pm</p> <p>timetable</p> <p>arrive, depart</p> <p>24-hour time</p>		
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