

# YEAR 5/6 MATHS VOCABULARY

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## Numbers and the Number System

### Counting and the Properties of Numbers

number  
zero, one, two, three....ten, twenty, thirty  
hundred, thousand, ten thousand...million  
nought  
how many...?  
count to...up to...on from... on to...  
count back...back from... back to  
count forwards...backwards...in groups of..  
tally  
property  
odd, even  
every other, alternate  
consecutive  
multiple, factor, divisor  
square number, rectangular number  
squared, the notation  $6^2$   
square root, the square root sign  $\sqrt{\quad}$   
prime number  
sieve of Eratosthenes  
magic square  
sequence  
continue  
predict  
relationship, rule, formula  
symbol  
positive number, negative number  
above zero, below zero

### Estimating and Rounding

estimate, estimation  
roughly, nearly, close to, about  
too many, too few, enough, not enough  
give or take.....  
round to the nearest ten...hundred  
round up, round down  
approximate, approximately, approximation  
the symbol is approximately equal to ( $\approx$ )

### Fractions, Decimals, Percentages

part, whole, whole number  
fraction, mixed number  
proper fraction, improper fraction  
numerator, denominator  
common denominator  
equivalent, fraction, reduce to, cancel  
half, quarter, eighth...third, sixth, twelfth  
fifth, tenth, twentieth, hundredth, thousandth  
decimal  
decimal fraction, decimal point, decimal  
place  
recurring  
percentage, percent, %

## Calculations

### Place Value And Ordering

Numeral, Roman numeral, figure, digit  
Units, tens, hundreds  
One, two, three, or four digit number  
Place, place value  
Represents  
Exchange  
The same number as, as many as  
Equal  
Equivalent  
Compare  
Order

### Addition and Subtraction

add, subtract  
increase, decrease  
sum, total, altogether  
more, how many more to make...?  
less, how many more/less is... than...?  
take, take away, take from. Taken from,  
leaves  
difference between  
sign, plus, minus, equals  
complement  
inverse

## Ascending order, descending order

≥ greater than or equal to  
> greater than, more than, larger than  
< less than, smaller than, fewer than  
≤ less than, equal to  
most, greatest, largest, least, smallest  
ordinal number: first, second, third...tenth...  
hundredth...thousandth  
last, last but one  
before, after, next, adjacent  
between, half-way between

## Shape

Triangle  
Isosceles  
Scalene  
Equilateral  
Perpendicular  
Circumference  
Tetrahedron  
Translation  
Congruent  
Radius  
Spherical  
Diameter  
Parallelogram  
Quadrilateral  
Analogue  
Pentagon  
Heptagon  
Nonagon  
Decagon

## Making sense of Number Problems

### Making Decisions

Calculate, calculation, arithmetic  
Operation  
Equation  
Answer  
Reasonable, right, correct, accurate, exact, wrong  
Problem, solve, solution, method  
How did you work it out..?  
Calculator, display, button, key, constant  
Enter clear

### Money

Money, coin, note, pence, penny, pound, £  
Price, cost, change  
Pay, buy, sell, sale  
Dear, costs more, more/most expensive

## Multiplication and Division

lots of, groups of  
Times, multiply, multiplied by  
once, twice, three times...ten times  
times table  
pair, double, halve  
share, share equally, group  
divide, divided by, divided into  
divisible by  
left, left over, remainder  
product, quotient  
inverse  
brackets

### Area and Volume

area, surface  
covers  
square centimetre, square metre  
square millimetre  
volume space fills  
cubic centimetre

### Time

Time, date, date of birth, calendar  
diary  
Days: Monday Tuesday...  
months: January, February  
seasons: spring, summer, autumn  
winter  
day, week, weekend, month, year

Cheap, costs less, cheaper, less/least expensive  
How much?  
Value, amount  
Discount cost price, selling price

### Measures (General)

Measure, measuring scale  
Unit, standard unit, metric unit, imperial unit

### Length

Length, width, height, depth, distance, breadth  
Perimeter, circumference  
Long, short, tall, high, low  
Wide, narrow, deep, shallow, thick, thin  
Longer, longest, shorter, shortest...and so on  
Far, near, close  
Distance apart...between...to...from  
Stride, step, pace, reach, palm, span, cubit  
Metre, centimetre, kilometre, millimetre  
Mile, yard, foot, inch  
Ruler, metre stick, tape measure, trundle wheel  
Height measurer, surveyors tape

### Mass

Mass, weigh, weighs, balances  
Heavy/light, heavier, lighter, heaviest, lightest  
Kilogram, half-kilogram, gram  
Balance, scales, weight

### Capacity

Capacity, full, empty, holds, contains  
Litre, half-litre, millilitre, pint, quart, gallon  
Container, measuring jug, measuring cylinder

### Explain your method... answer ...reasoning

Show how you...  
Show your working  
Justify  
Make a general statement  
Give an example of ...  
Same way, different way, best way  
In order, in a different order

leap year  
Century, millennium  
special days: Christmas, Diwali  
Ramadan  
Birthday, holiday, Mother's Day  
morning, am., afternoon, pm, noon  
Evening, night, midnight  
today, yesterday, tomorrow  
now, soon, early, late, earliest latest  
Quick, quicker, quickest, quickly  
fast, faster, fastest,  
Slow, slower, slowest, slowly  
how long ago/how long will it be  
takes longer, takes less time  
hour, half hour, minute, second  
timer, clock, watch  
digital clock, 24 hour clock, 12 hour  
clock  
timetable, arrive, depart  
always, never, often sometimes  
usually

### Handling Data

Vote, survey, questionnaire, data  
sort, classify, order, set, sub-set  
Graph, block graph, pictogram  
chart, tally chart, frequency chart  
bar chart, bar line graph  
grouped data  
axis, axes, label, interval, title  
Database, list, table

Carroll diagram, Venn diagram  
And, not  
middle value, median

maximum value, minimum value,  
range  
Most/least popular, most/least  
Common, mode  
Likely, unlikely, equally likely  
Likelihood  
Equal chance, even chance, fifty-  
fifty chance  
fair chance, fair game  
certain, uncertain  
possible, impossible, possibility  
probable, probability