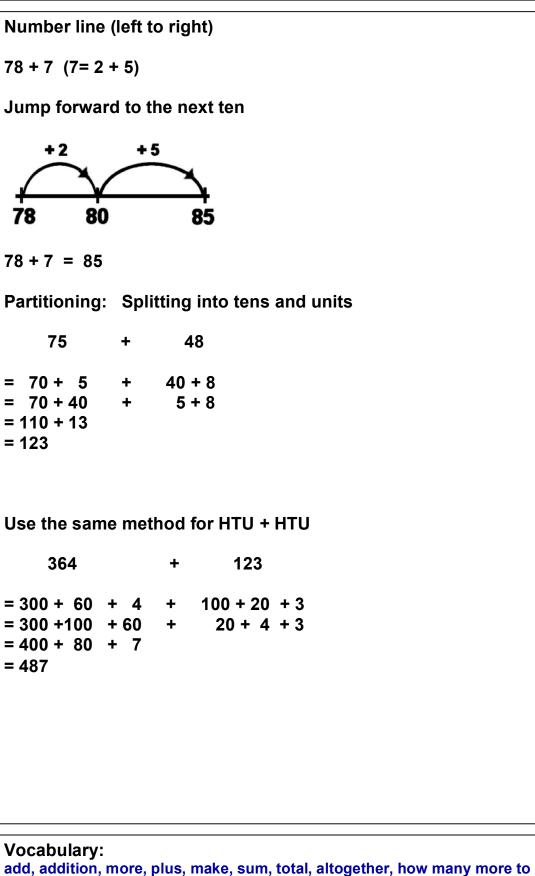
# Maths methods Key Stage 2: Year 3 and Year 4

Maths methods and strategies taught in school now are very different from those that many parents learned at school. This can often cause confusion when parents are trying to support their child at home.

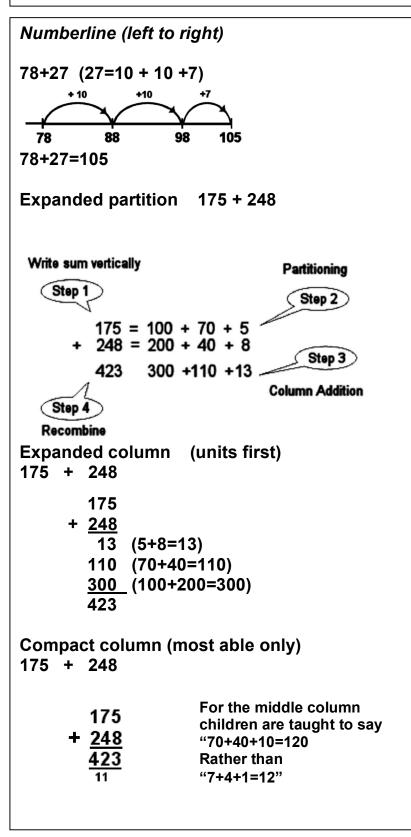
This document shows the main methods and vocabulary taught in each year group for addition, subtraction, multiplication and division. Each child's progress is different but most children will acquire these methods by the end of their year.

# YEAR 3: Addition



add, addition, more, plus, make, sum, total, altogether, how many more to make...? how many more is... than...? Numberline, partition, hundreds, tens, units, count on.

### YEAR 4: Addition



Vocabulary:

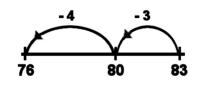
add, addition, more, plus, increase, sum, total, altogether, score, adjust, near double, how many more to make...? numberline, partition, hundreds, tens, units, count on

#### YEAR 3: Subtraction

Numberline (right to left) (when subtracting with large difference)

83 - 7 (7=3 +4)

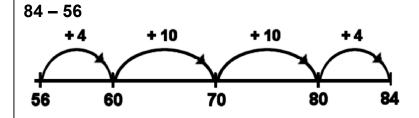
Jump back to the nearest 10 first



83 – 7 = 76

Some children may be shown this method for counting on.

Find the difference (left to right) (when subtracting near numbers)



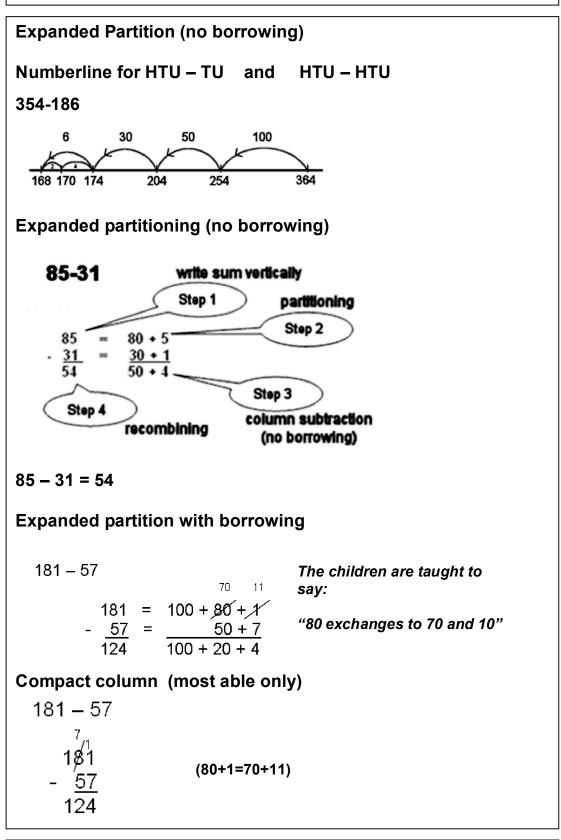
Start from 56 and count on until reaching 84

4 + 10 + 10 + 4 = 28 84 - 56 = 28

#### Vocabulary

□subtract, subtraction, take (away), minus, leave, how many are left/left over? one less, two less... ten less... one hundred less how many fewer is... than...? how much less is...? difference between, equals, sign, is the same as, tens boundary, hundreds boundary, gap

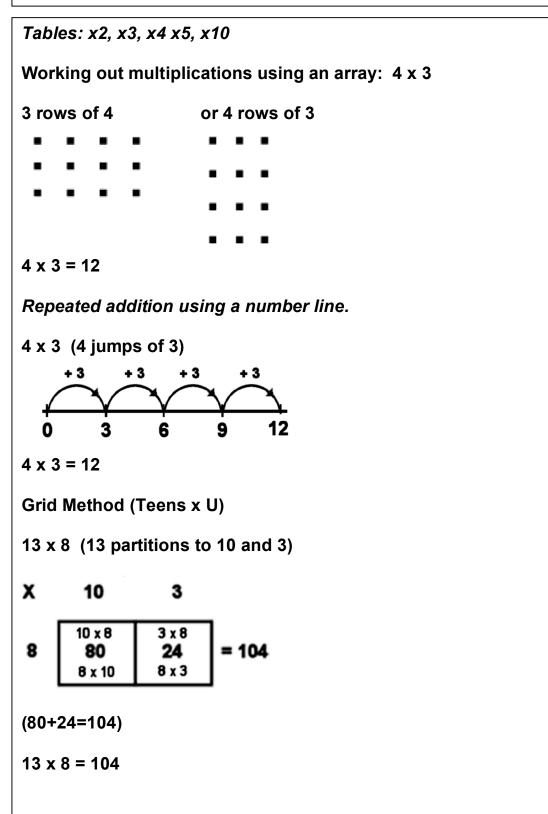
# YEAR 4: Subtraction



Vocabulary:

subtract, subtraction, take (away), minus, decrease, leave, how many are left/left over? difference between, how many more/fewer is... than...? how much more/less is...? is the same as, tens boundary, hundreds boundary, inverse

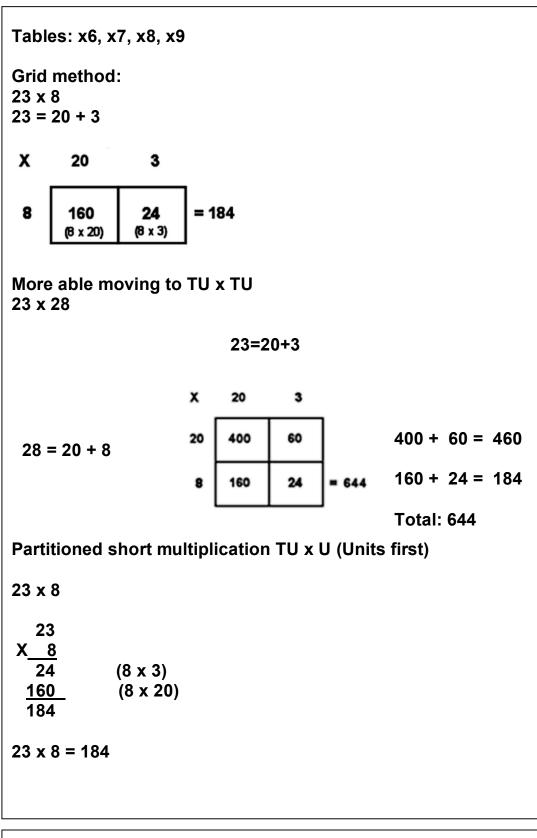
### YEAR 3: Multiplication



Vocabulary:

lots of, groups of, times, multiply, multiplication, multiplied by multiple of, product, once, twice, three times... ten times... times as, repeated addition, array, row, column, double, grid method

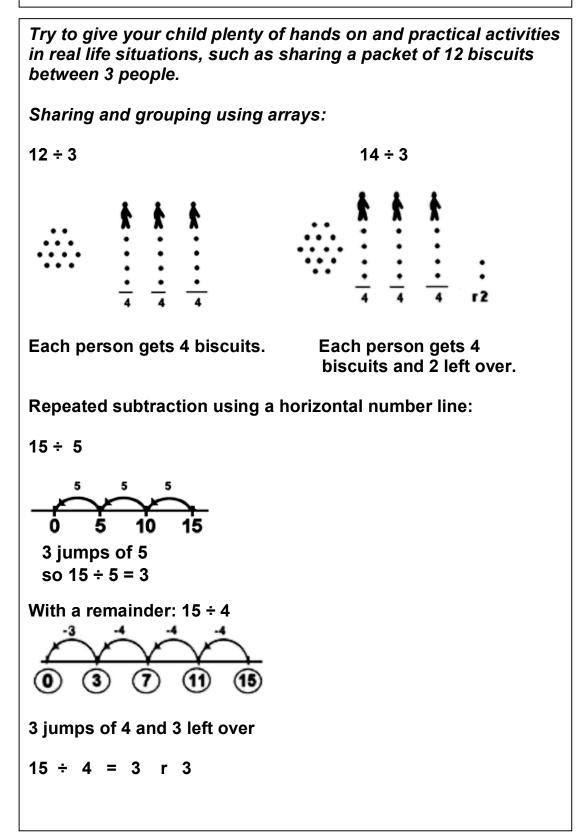
## YEAR 4: Multiplication



Vocabulary:

lots of, groups of, times, multiply, multiplication, multiplied by, multiple of, product, once, twice, three times... ten times... times as, repeated addition, array, row, column, double, grid method, short multiplication.

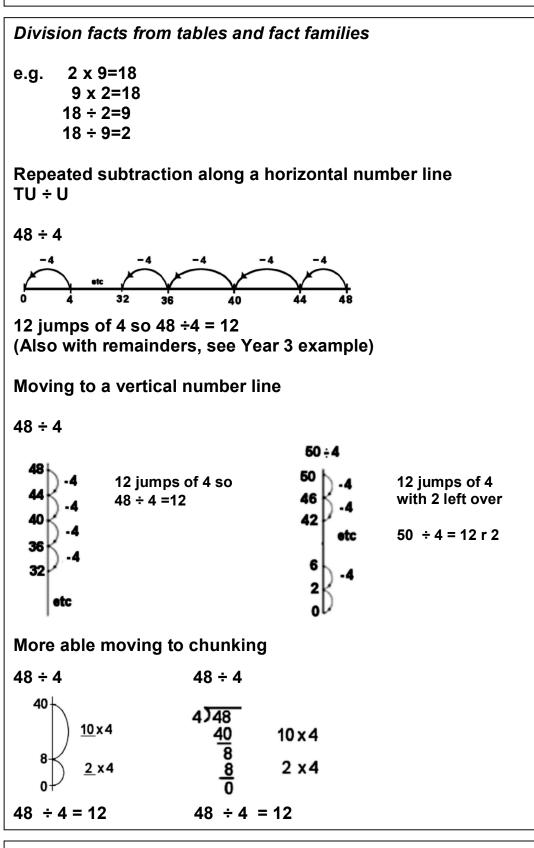
#### YEAR 3: Division



Vocabulary:

share, share equally, one each, two each, three each... group in twos, threes... tens, equal groups of, divide, division, divided by, divided into, left over, remainder, halve, arrays, jumps, repeated subtraction.

#### YEAR 4: Division



Vocabulary:

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, halve, fact families, chunking.