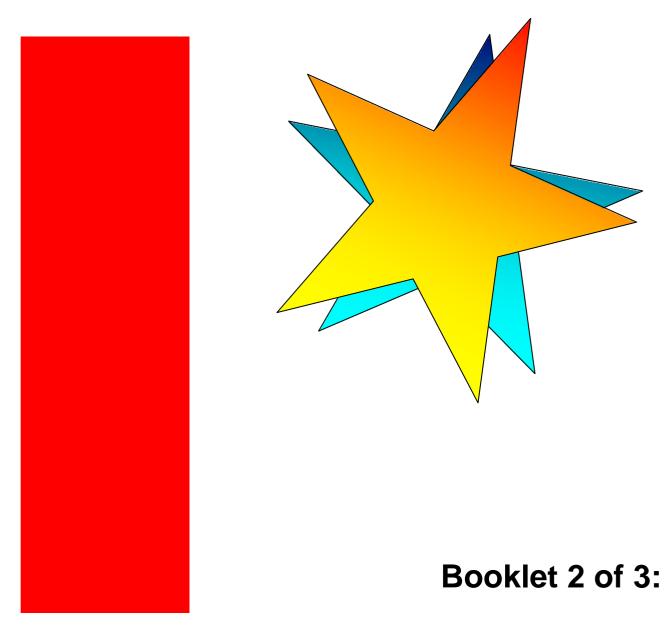
Make your child a Maths Star!

A parents' guide to helping your children with Maths



Key Stage 2 Year 3 to Year 4

"It wasn't like this when I was ATschool!"

Have you ever wished that you understood current Maths methods better? Many parents find that their children are using methods or strategies, which are very different from those used in the past. This can often cause confusion when trying to support your child at home.

The main methods used in each year group by the majority of pupils for addition, subtraction, multiplication and division are shown. These methods are introduced throughout the teaching year so most pupils should be familiar with all methods by the end of the year. Each sheet also shows typical maths vocabulary that children will be acquiring and using at this stage.

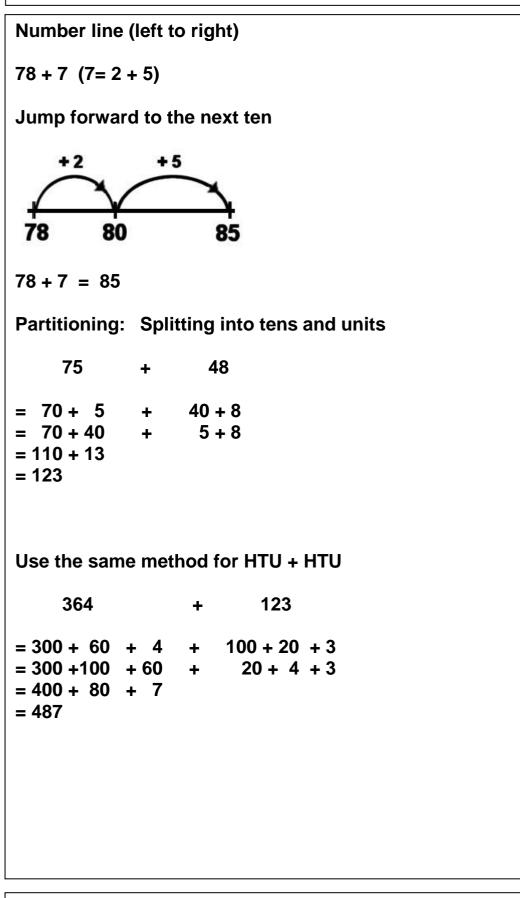
This is a guide only, children will always progress at different speeds. However, support from you will undoubtedly be of great benefit to them at all times. If you have any questions, your child's teacher will be pleased to discuss the strategies with you.

N.B. If you have downloaded this booklet to print it, you may need to expand your print margins slightly to make it fit.

Turn your child into a Mathemagician!

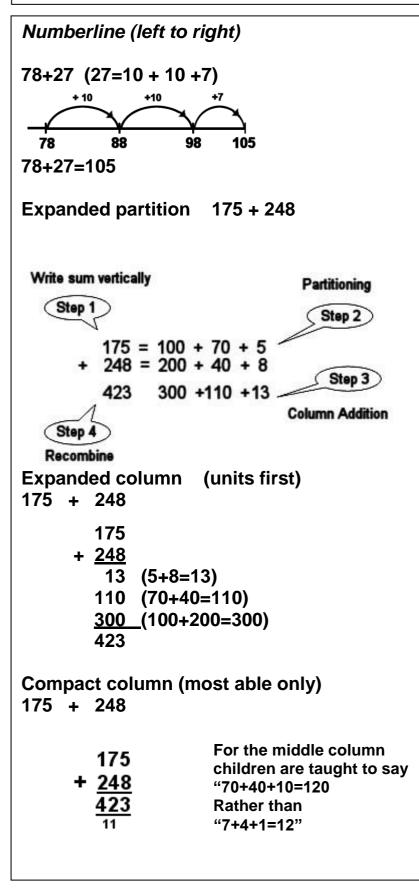


YEAR 3 - Addition



Vocabulary: 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:

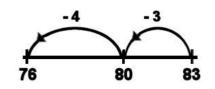
add, addition, more, plus, increase, sum, total, altogether, score, adjust, near double, how many more to make...? numberline, partition, hundreds, tens, units, count on

YEAR 3 - Subtraction

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

83 - 7 (7=3+4)

Jump back to the nearest 10 first

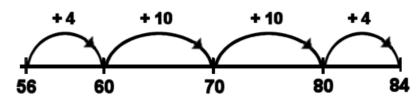


83 - 7 = 76

Some children may be shown this method for counting on.

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

84 - 56

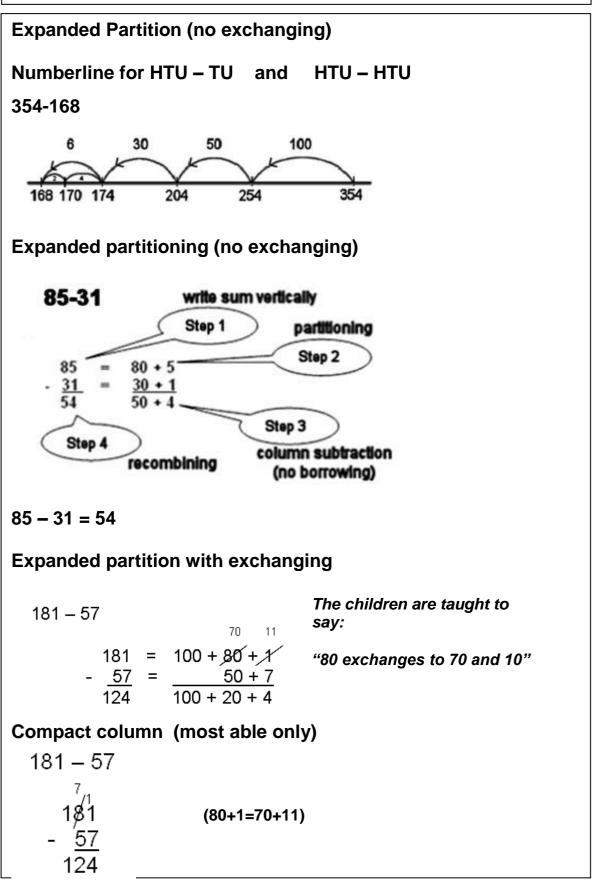


Start from 56 and count on until reaching 84

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

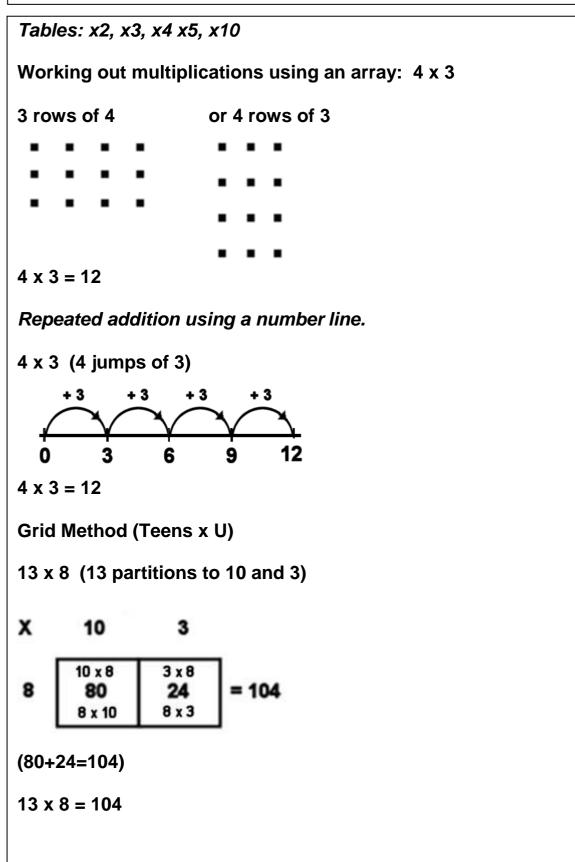
YEAR 4 - Subtraction



Vocabulary:

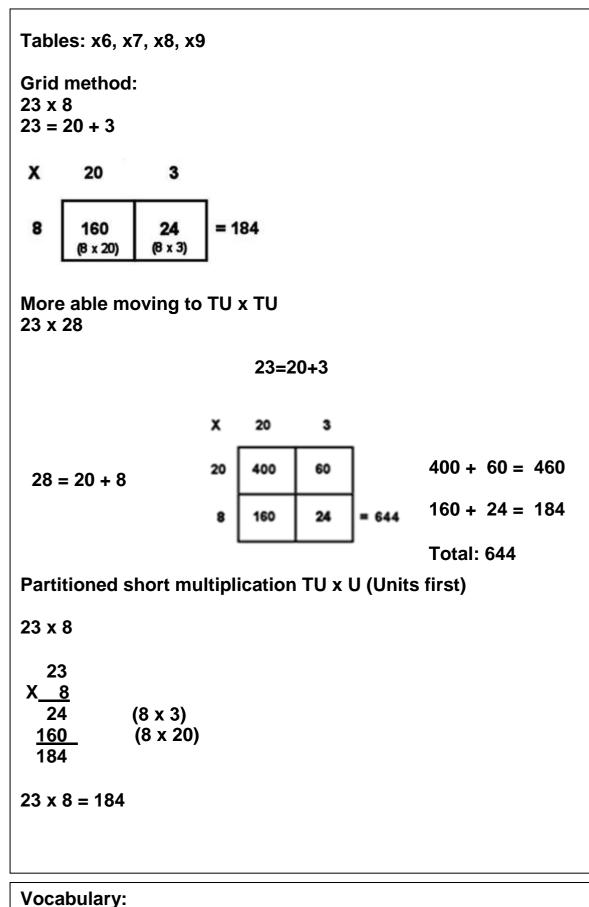
subtract, subtraction, take (away), minus, decrease, leave, how many are left/left over? difference between, how many more/fewer is... than...? how much more/less is...? is the same as, tens boundary, hundreds boundary, inverse

YEAR 3 - Multiplication



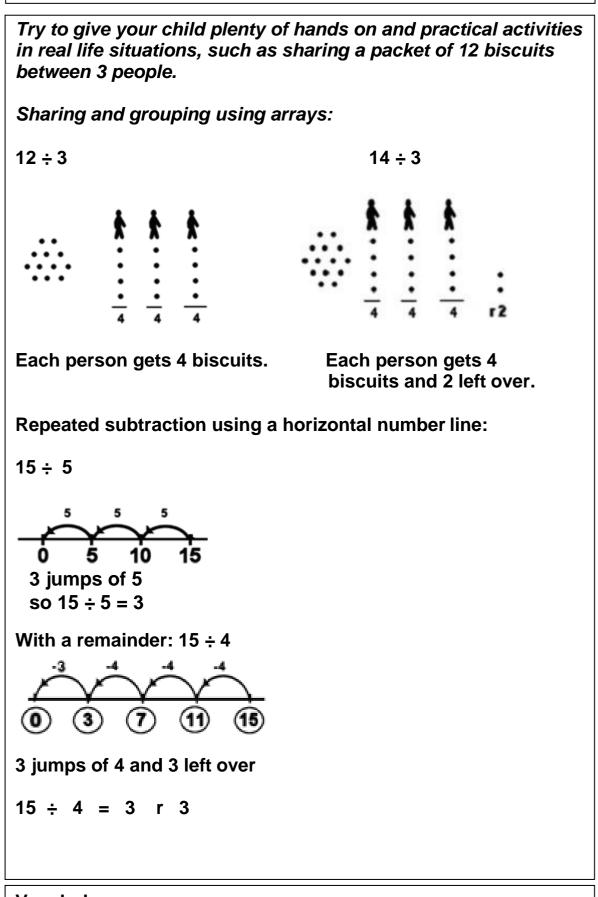
Vocabulary: lots of, groups of, times, multiply, multiplication, multiplied by multiple of, product, once, twice, three times... ten times... times as, repeated addition, array, row, column, double, grid method

YEAR 4 - Multiplication



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.

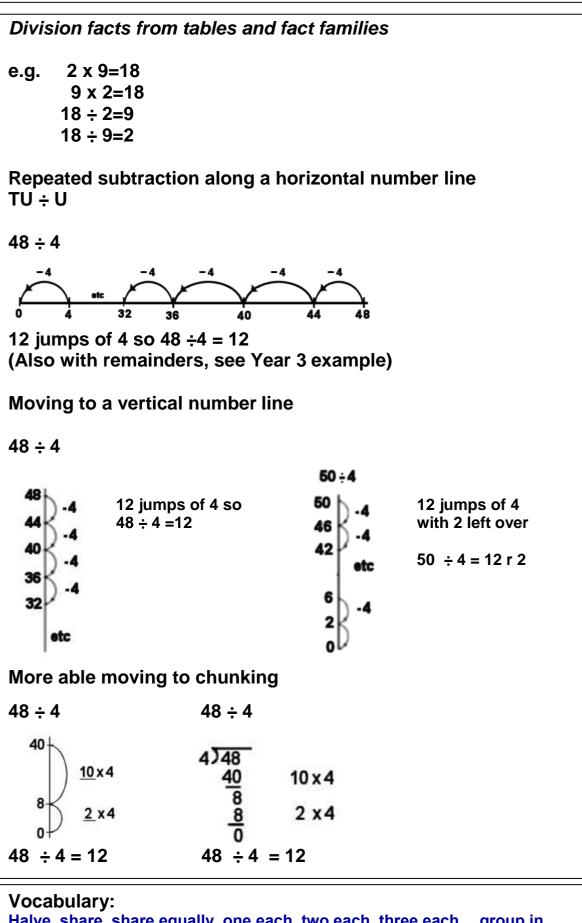
YEAR 3 - Division



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



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.

The following are some suggested websites that can help support your child's maths.

BBC Maths http://www.bbc.co.uk/learning/subjects/maths.shtml

> TopMarks Education Resources http://www.topmarks.co.uk/

> CoolMath4kids (US Site) http://www.coolmath4kids.com/

Rain Forest Maths http://www.rainforestmaths.com/

Mathletics