

Calculation methods in Year 2.

Addition
Using base 10 to calculate
 $25 + 32$

Using a blank number line
(adding on all the tens, then adding all the units on in one step)

$$\begin{array}{r} 23 \\ \downarrow \downarrow \\ 20 \ 3 \end{array}$$

$$\begin{array}{r} 34 \\ + 23 \\ \hline \end{array}$$

34 + 23 = 57

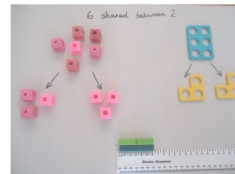
Subtraction
Subtract 4 from 28

2 Tens 4 Ones are left.

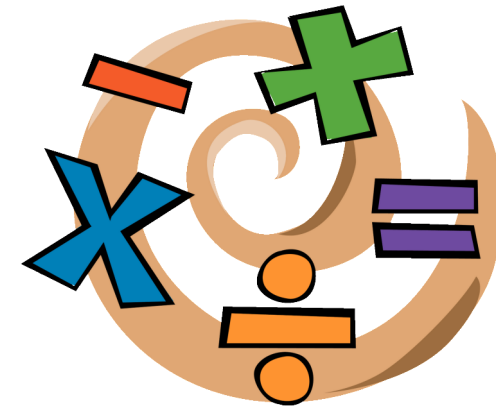
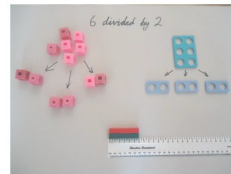
$$57 - 23$$

Division
2 different ways of working it out.

Sharing



Grouping



Maths in Year 2. Information for Parents.



SUPPORT FOR PARENTS about how maths is taught in schools can be found at:

<https://www.oxfordowl.co.uk/for-home/maths-site/expert-help--2/maths-in-school> This website has useful booklets on calculation methods as well as helpful videos.

<http://www.amathsdictionaryforkids.com/> explains important maths vocabulary in a simple way for children and adults!

This booklet is intended as a guide for parents to the mathematics curriculum taught in year 2. It outlines the key expectations for the year group as well as the important mental number facts that children need to have grasped by the end of the year.

Mental Skills.

Children need to be able to recall or recite these quickly and fluently.

- The pairs of numbers that make 20
- Addition and subtraction facts within 20 eg $14 + 3$, $15 - 6$
- Count forwards and backwards in 2's, 5's 10's and 3's
- $2x$, $3x$, $5x$ and $10x$ tables and their related division facts
- Add and subtract multiples of 10 within 100 eg $30 + 70$, $80 - 20$
- Add and subtract 10 from/to a 2 digit number
- Know doubles of numbers to double 15 and their halves

These skills should be practised regularly. Choose a few facts/skills to practise each week. They can be practised on the walk to school, while driving in the car or through maths games websites such as <http://www.maths-games.org>

Maths Curriculum.

In Year 2 children will also learn to:

- Compare and order numbers to 100 in numerals and words.
- Use $<$ $>$ and $=$ signs
- Understand the place value of 2 digit numbers
- Add and subtract two, 2 digit numbers.
- Recognise and find $\frac{1}{3}$, $\frac{2}{4}$, $\frac{3}{4}$ of a shape or group of objects.
- Recognise the equivalence of $\frac{1}{2}$ and $\frac{2}{4}$.
- Measure using cm, m, ml, l, g, kg, degrees C.
- Tell the time to 5 minute intervals using an analogue clock, including quarter past and quarter to.
- Make amounts with money and calculate change.

Recognise and describe:

- 2d shapes including pentagon, hexagon and octagon
- 3d shapes including cylinders, prisms, cones.
- Clockwise and anticlockwise turns
- Symmetrical shapes

- Interpret and construct simple pictograms, tally charts, block diagrams and simple tables .