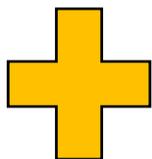


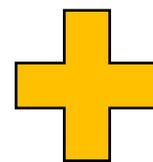


Mathematics at Girnhill Infant School

Guide for Parents
Key Stage 1
Year 2



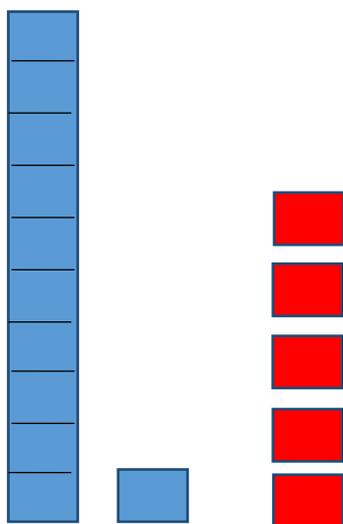
Addition



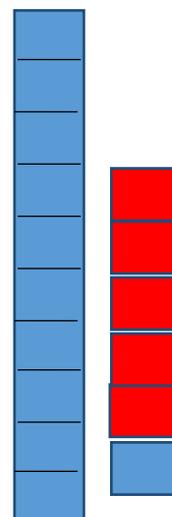
Splitting into 10's and 1's

Children then need to move on to splitting numbers into 10's and 1's. We use equipment called base 10, but you can use pencils, straws, lollipop sticks in bundles of 10 and single ones

$$11 + 5 =$$



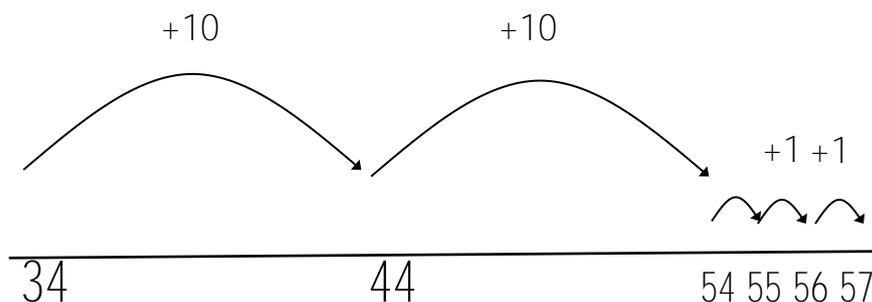
+1



11 cubes are lined up (1 ten and 1 unit/one), 5 cubes are added to the line of 11 giving a total of 16.

$$34 + 23 = 57 \text{ (shown using a numberline)}$$

We count in 10s first and then add the 1's

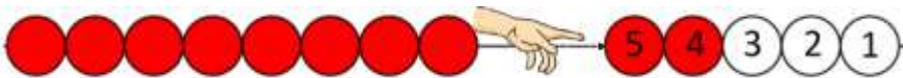


Subtraction

Counting Back using a number line

$$13 - 5 = 8$$

Touch count and remove the number to be taken away, in this case 5.



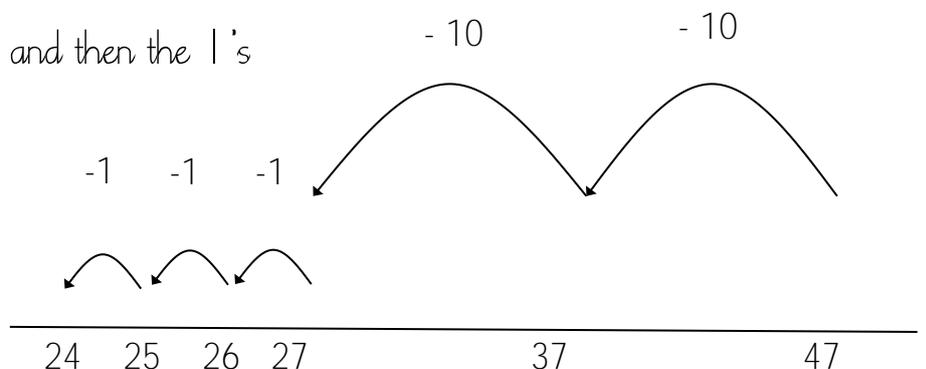
Touch count to find the number that remains.



You can help by counting back on a number line at home.

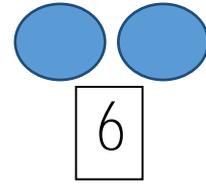
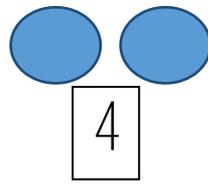
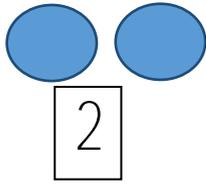
$$47 - 23 = 24 \text{ (shown using a numberline)}$$

We take away the 10's first and then the 1's

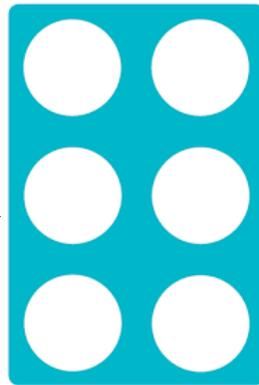
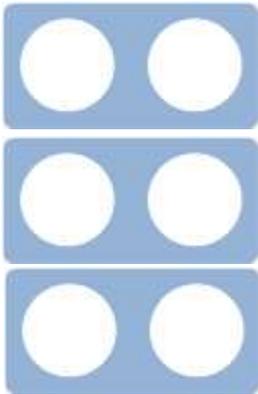
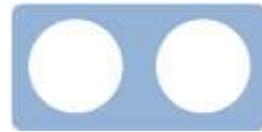
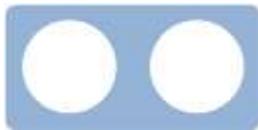
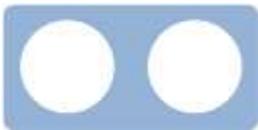


Multiplication

Repeated Addition



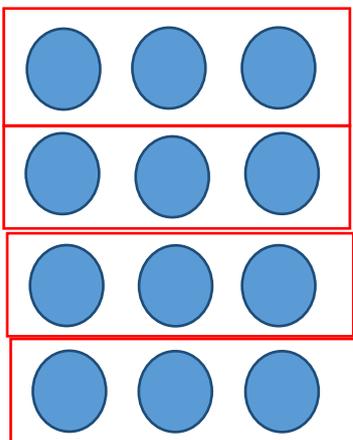
$$2 + 2 + 2 = 6$$



Numicon can be used to show this..

Arrays

E.g, 3×4



1 group of 3

2 groups of 3

3 groups of 3

4 groups of 3

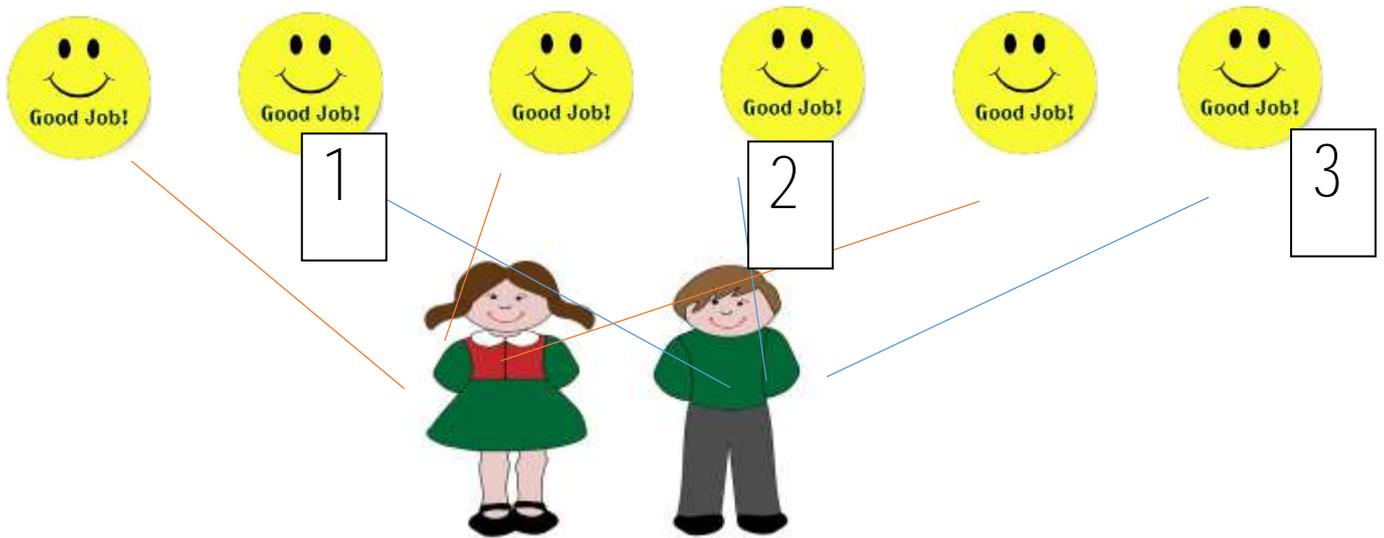
$$3 + 3 + 3 + 3$$

$$3 \times 4 = 12$$

Division

Sharing

6 stickers are shared equally between 2 people. How many stickers do they each get?



6 stickers shared by 2 people = 3 stickers each

Grouping

E.g. 6 divided by 2 = ?

How many children can get 2 stickers each?



6 stickers in groups of 2 stickers = 3 children

When grouping the answer is a different unit to the start e.g.

6 stickers in groups of 2 stickers = 3 children

End of Year 2 Expectations

- Compare and order numbers up to 100. Read and write all numbers to 100 in digits and words.
- Say 10 more/less than any number to 100.
- Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forwards and backwards.
- Recall and use multiplication and division facts for 2, 5 and 10 tables.
- Recall and use addition and subtraction facts to 20. .
- Recognise place value of any 2-digit number
- Add and subtract: 2-digit numbers and ones, 2-digit numbers and tens, two 2-digit numbers and three 1-digit numbers.
- Calculate and write multiplication and division calculations using multiplication tables.
- Recognise, find, name and write: $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$.
- Tell time to five minutes, including quarter past/to.
- Recognise and use the symbols for pounds (£) and pence (p).
- Find different combinations of coins that equal the same amounts of money.
- Identify and describe the properties of 2-D and 3-D shapes, including the number of sides, lines of symmetry, number of edges, vertices and faces.
- Draw pictograms, tally charts, block graphs and simple tables.

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