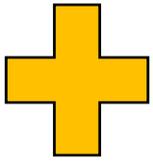


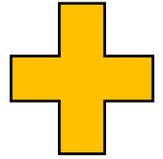


Mathematics at Girnhill Infant School

Guide for Parents
Key Stage 1
Year 1

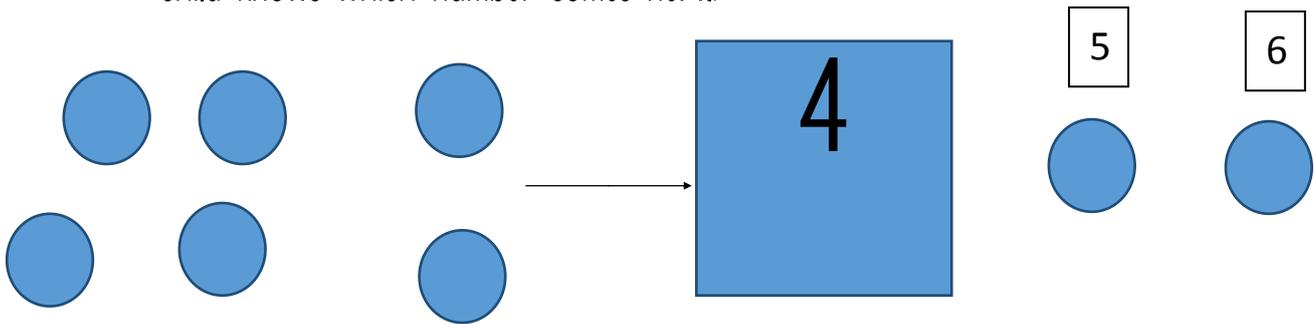


Addition



Counting On

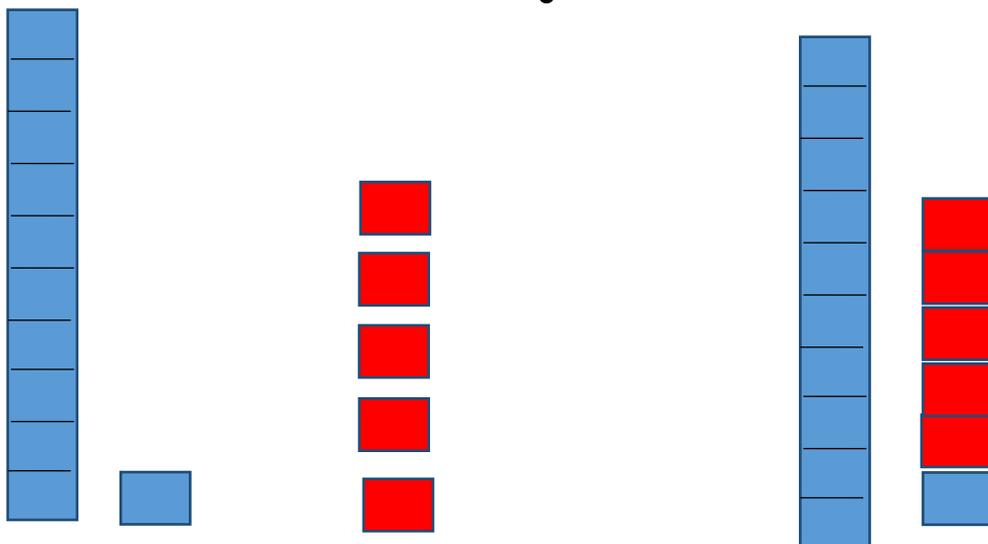
You can help your child by having a number line so your child knows which number comes next.



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

e.g. $11 + 5 =$

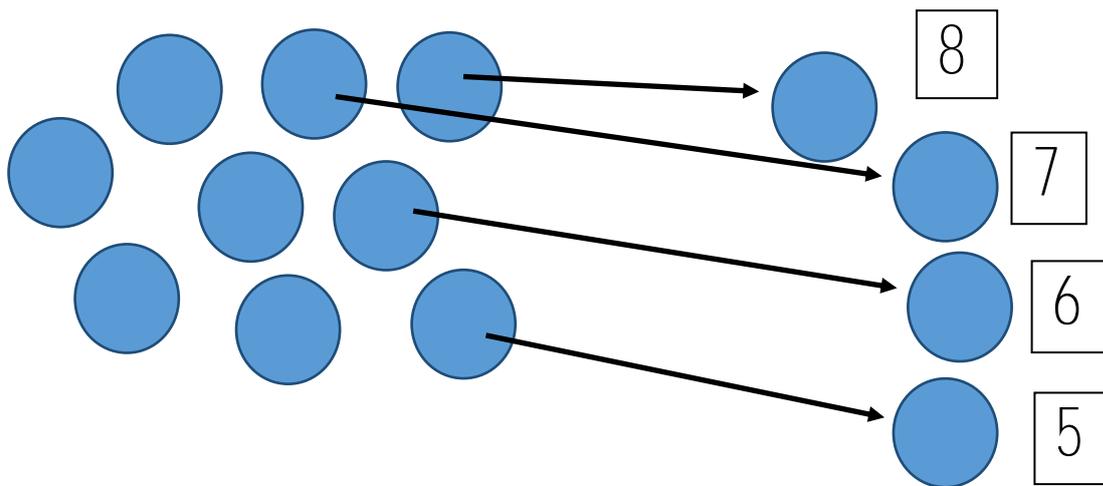


11 cubes are lined up (1 ten and 1 unit/one), 5 cubes are added to the line of 11

Subtraction

Counting Back

You can help your child by having a number line so your child knows which number comes before. $9 - 4 = 5$



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.

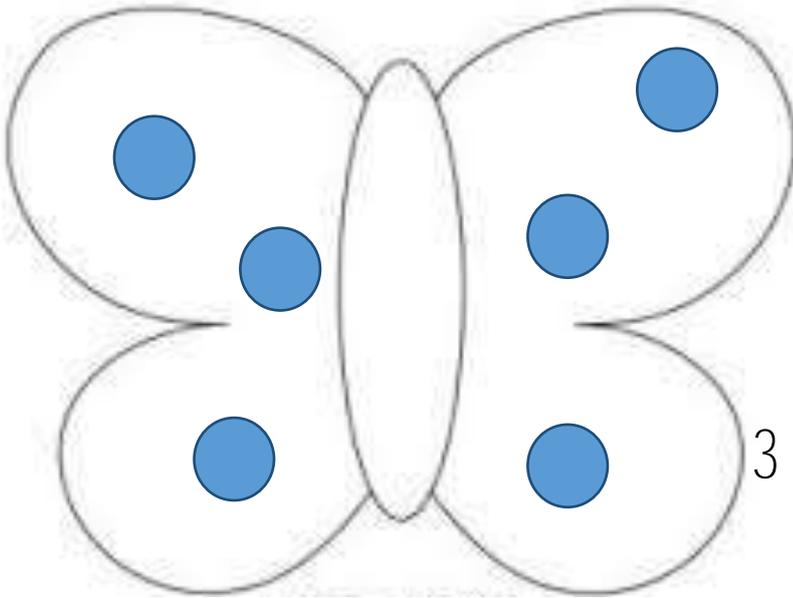


You can help by counting back on a number line at home.

Multiplication

Doubling

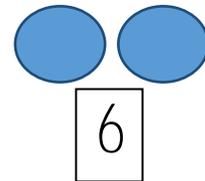
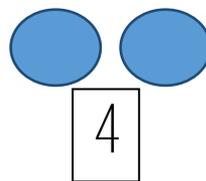
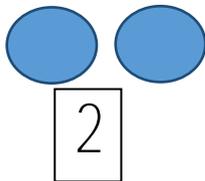
e.g. The butterfly has the same number of spots on both sides of the



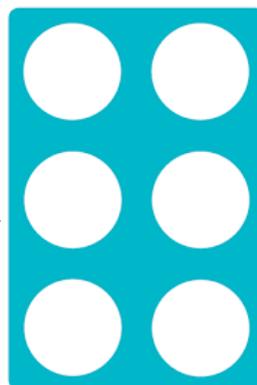
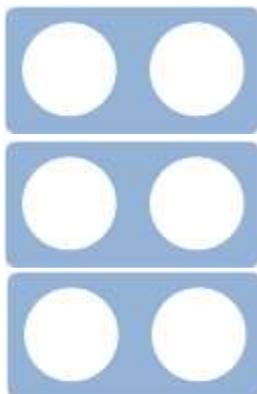
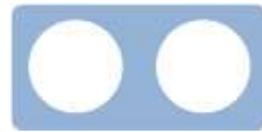
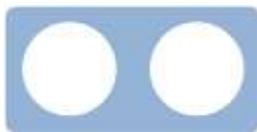
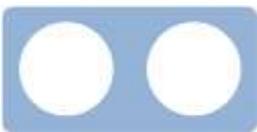
Numicon can be used on the wings to show doubles.

$$3 + 3 = 6 \text{ or double } 3 \text{ is } 6$$

Repeated Addition



$$2 + 2 + 2 = 6$$

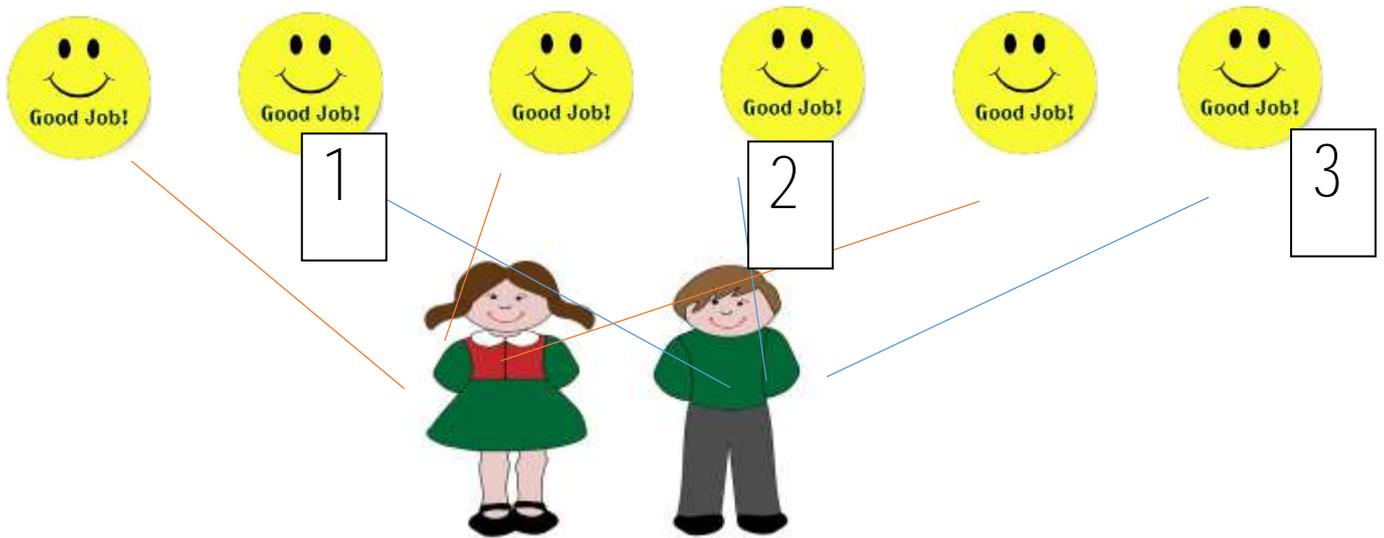


Numicon can be used to show this..

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 1 Expectations

Number:

- I can count reliably to 100.
- I can count on and back in 1s, 2s, 5s and 10s
- I can write all numbers in words to 20.
- I can say the number that is 1 more or 1 less.
- I can say all number bonds to 20.
- I can add and subtract 1-digit and 2-digit numbers to 20,
- I know the signs + - =.

• Measurement and Geometry:

- I recognise all coins.
- I recognise and can name the 2D shapes: circle, triangle, square and rectangle.
- I recognise and can name the 3D shapes: cuboid, pyramid, sphere.
- I can name the days of the week and months of the year.
- I can tell the time to o'clock and half past the hour.

Created by Girnhill Infant School