

Maths at St Paul's Infant School

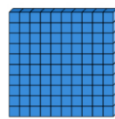
This is a small guide to how we teach addition and subtraction in school so that you can support your children with their maths learning at home.

Place value

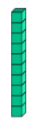
Is all about understanding what numbers represent. It is the value of each digit in a number. We look at the tens and ones in numbers. E.g. number 5 has 5 ones. Number 43 has 4 tens and 3 ones. We often represent tens and ones using 'dienes' and/or 'counters'. We use real life manipulatives and use drawings to help us.

Dienes:

When drawing dienes, we draw a ten with a straight line and a one with a small circle.



100



10



1



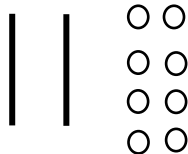
Counters:

When drawing counters, we draw small circles. We often lay these out in a tens frame with 2 rows of 5.

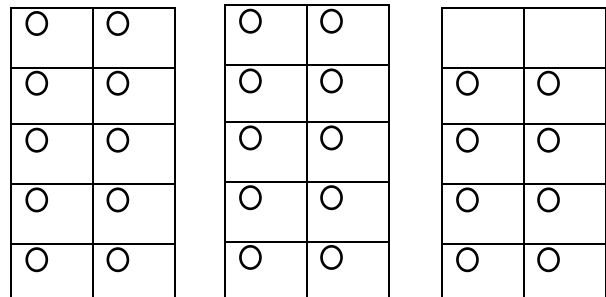
Representing 28 with drawings

Dienes

(We encourage the children to draw dienes when working with numbers over 10 as it is quicker.)



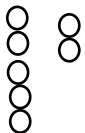
Counters



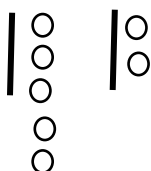
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Add/Plus/Together

$$5 + 2 = 7$$



$$15 + 12 = 27$$



We count together the two numbers we have represented to find the total.

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Subtract/Minus/Take away

$$5 - 2 = 3$$



$$34 - 21 = 13$$



We draw the first number and cross out how many we are taking away. Count how many is left to find the answer.