Westbury Park School

Year 1

Methods and Representations

At Westbury Park School, we follow the White Rose scheme of learning. This scheme allows us to ensure total coverage of the curriculum, appropriate knowledge and skills progression and offers a range of methods and representations to support arithmetic and problem solving.

This booklet offers you an example of how they are taught and used within your child's year group.

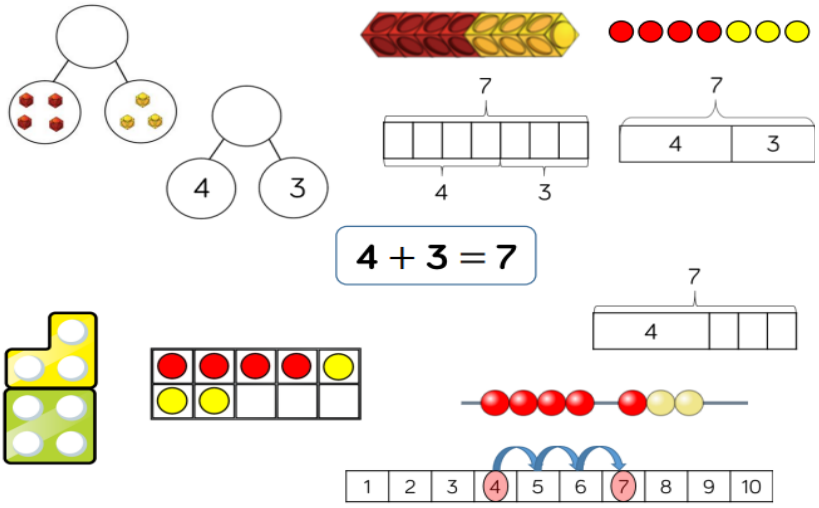
For videos showing the maths in action, please click on the links throughout the booklet.
COMING SOON

Addition

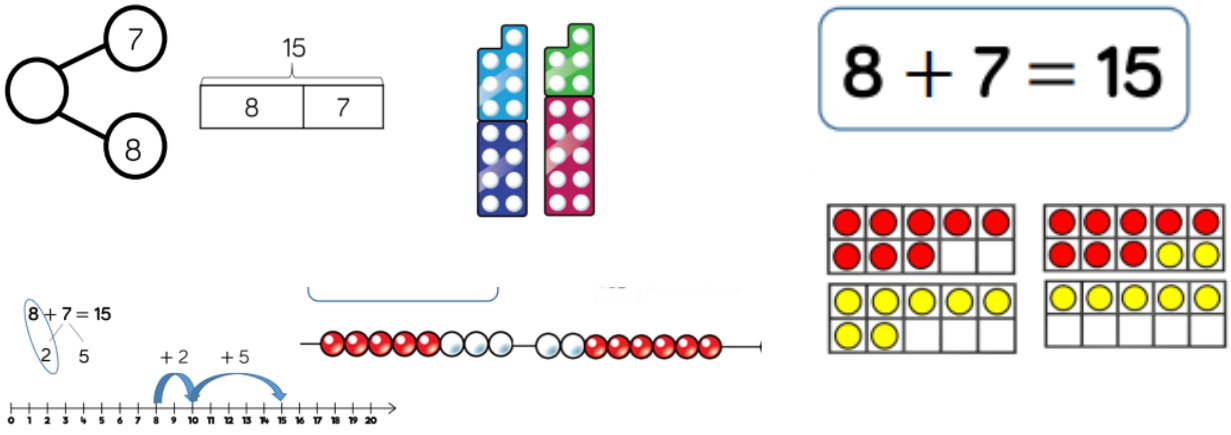
Children are encouraged to use bar models, part whole models and number sentences to represent their understanding of the calculation.

Knowing their number bonds to 10 is essential in Year 1 so that they can develop their mental calculations and show their understanding through concrete and pictorial representations.

Adding 1 digit numbers within 10



Add 1 and 2 digit numbers to 20

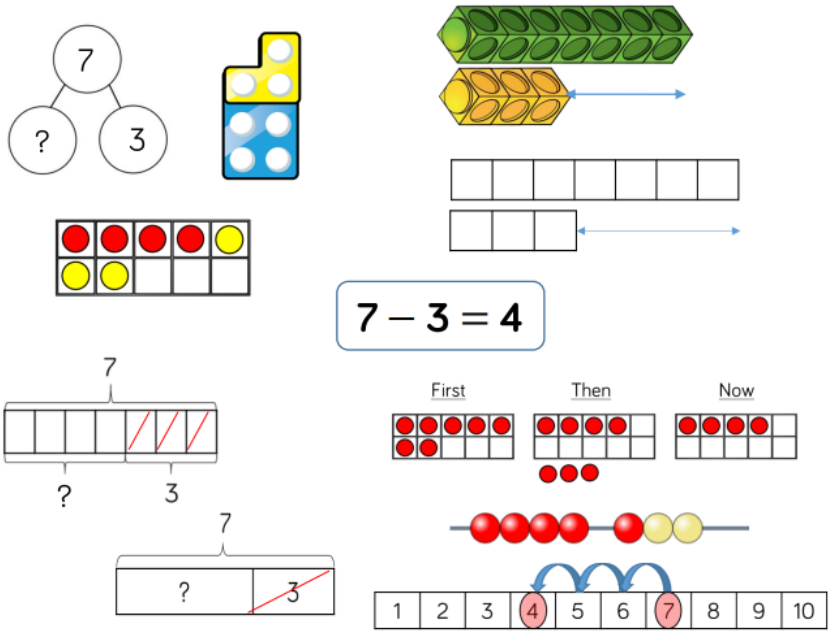


Subtraction

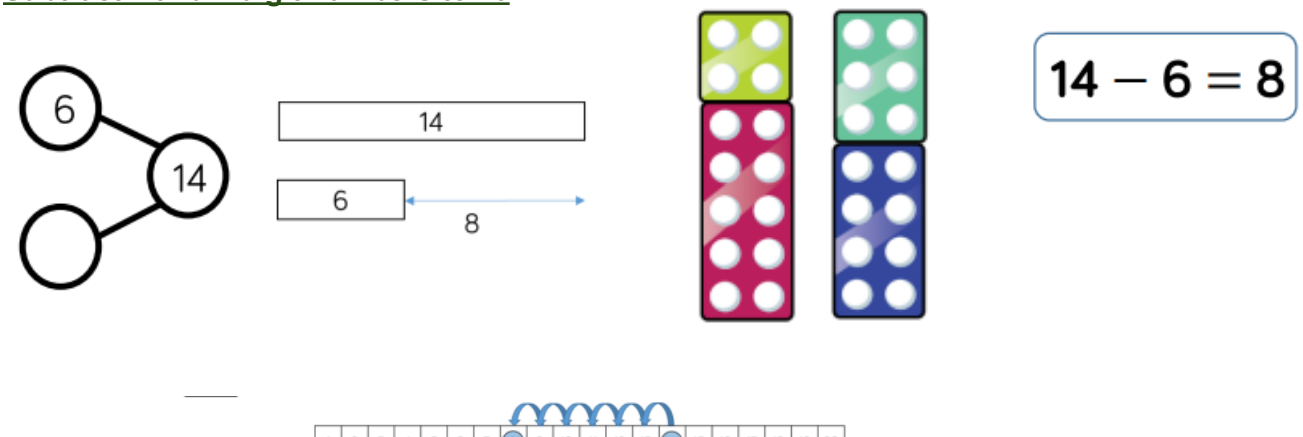
Children are encouraged to use bar models, part whole models and number sentences to represent their understanding of the calculation.

Knowing their number bonds to 10 is essential in Year 1 so that they can develop their mental calculations and show their understanding through concrete and pictorial representations.

Subtract 1 digit numbers within 10



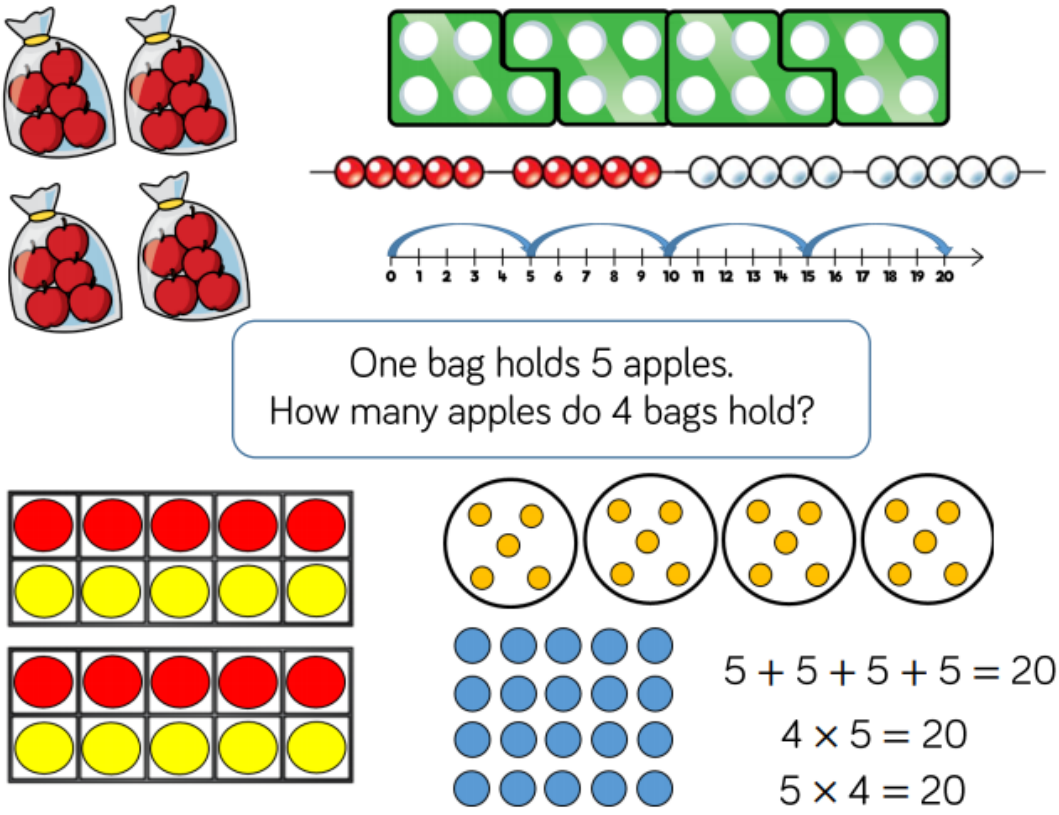
Subtract 1 and 2 digit numbers to 20



Multiplication

In Year 1, multiplication is, in the first instance, taught as repeated addition. Children are encouraged to use concrete and pictorial representations to solve calculations and show their understanding. There is no expectation to record formally using written methods.

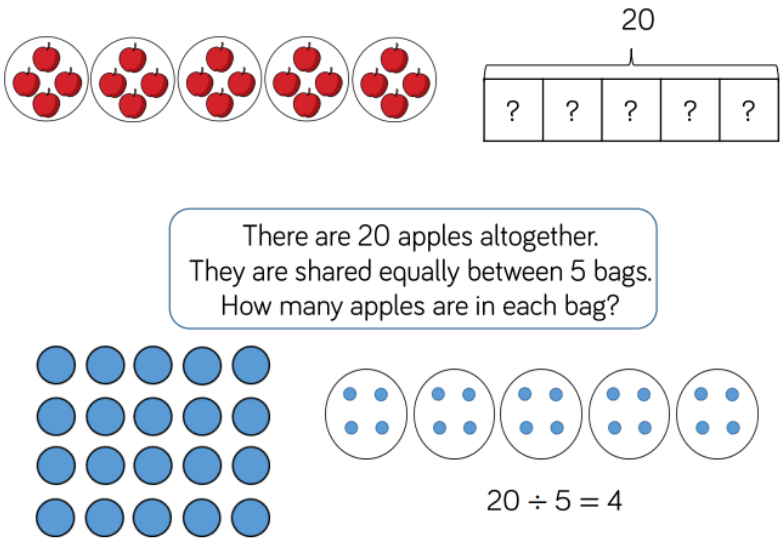
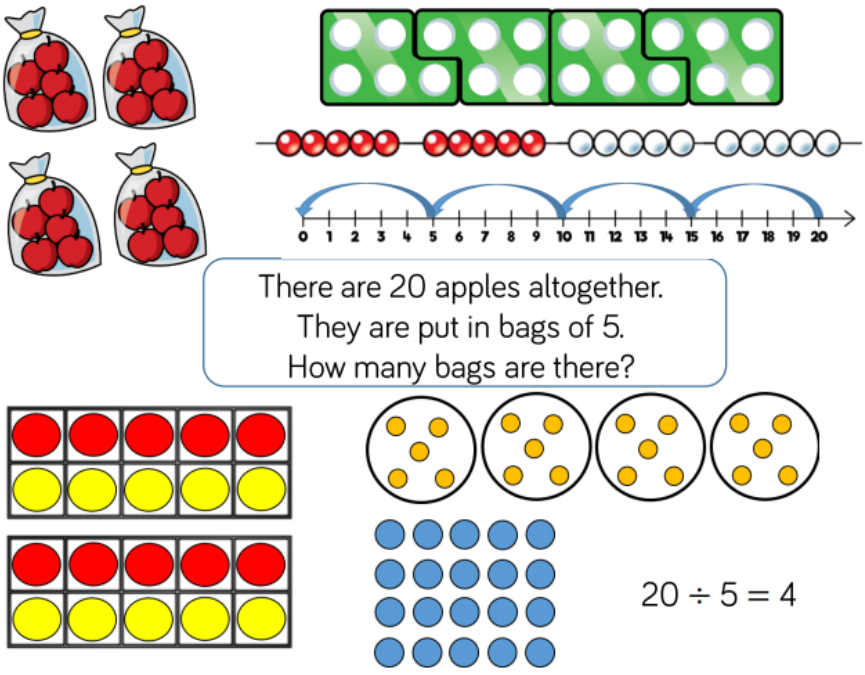
Solving one step problems using multiplication



Division

Children are encouraged to use objects and the ideas of grouping and sharing to solve one step problems. Mathematical symbols that are associated with division are not used in Year 1. Instead, children are encouraged to use the language of sharing and grouping, using concrete objects to help aid their understanding.

Solving one step problems using division and sharing



Solving one step problems using division and grouping