

Children will represent adding a multiple of 10 to a 2-digit number on a range of number lines. Blank number lines and number lines in steps of one, fives and tens.


Children will explore make different numbers using
the part, whole model.


They will use this model to explore the concept of the inverse relationship of addition and subtraction and use this to check calculations.


Counting on
It is important that children experience
finding the difference between two numbers by counting on.

## 00000000000000 <br> 00000000000

The difference between II and 14 is 3.


It is important that difference is modelled using suitable equipment, such as two bead strings, or two Numicon plates. Children should experience finding the difference in a range of contexts including height e.g. growth of two seedlings.

Children will also explore counting on by using number lines.


34-28


$5+5+5=15$
$3+3+3+3+3=15$
$5 \times 3=15$
$3 \times 5=15$

Children will be able to show it on a number line.

$3 \times 5=15$
$5 \times 3=15$

Pupils will explore all related facts families and will be able to write corresponding number sentences.


Children will link division to multiplication by creating arrays and thinking about the number sentences that can be created.

$$
\begin{array}{rl}
\operatorname{Eg} 15 \div 3=5 & 5 \times 3=15 \\
15 \div 5=3 & 3 \times 5=15
\end{array}
$$

Children will be encouraged to use their knowledge of number fact families to build on their fluency



