

# Addition

Children may need to refer 'back' to previous years' recording at any time, particularly when decimals or larger numbers are introduced.  
Children to use practical apparatus and number lines for support.

Year Group: 6

## Signs and Symbols

$$\begin{aligned} 24 \cdot 4 + 6 \cdot 7 &= \square \\ \triangle + 6 \cdot 7 &= 31 \cdot 1 \\ 24 \cdot 4 + \square &= 31 \cdot 1 \\ \triangle + \square &= 31 \cdot 1 \end{aligned}$$

$$\begin{aligned} \square &= 24 \cdot 4 + 6 \cdot 7 \\ 31 \cdot 1 &= \triangle + 6 \cdot 7 \\ 31 \cdot 1 &= 24 \cdot 4 + \square \\ 31 \cdot 1 &= \triangle + \square \end{aligned}$$

Adding several numbers

$$3 \cdot 4 + 1 \cdot 5 + \square = 5 \cdot 5$$

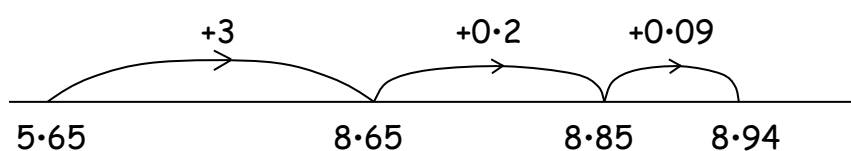
Extend to

$$7 \cdot 5 + 3 \cdot 4 = \square + 2 \cdot 9$$

## Number Lines

Open line

$$5 \cdot 65 + 3 \cdot 29$$



## Pencil and Paper Procedures

$$\begin{array}{r} 6 \cdot 25 \\ + 3 \cdot 96 \\ \underline{2 \cdot 47} \\ 12 \cdot 68 \\ \underline{1 \quad 1} \end{array}$$

$$\begin{array}{r} 65 \cdot 84 \\ + 58 \cdot 48 \\ \underline{124 \cdot 32} \\ \underline{1 \quad 1 \quad 1} \end{array}$$

## Other Jottings

(to be used alongside practical equipment, when children are finding number lines and more formal calculation methods difficult to understand)

As previous Year Groups

## Explaining (Verbally and in Writing)

What is the combined capacity of two drink containers measuring 1.665l and 2.220l

*I worked out that 1665ml and 2220ml are 3885ml so  $1 \cdot 665l + 2 \cdot 220l = 3 \cdot 885l$ .*