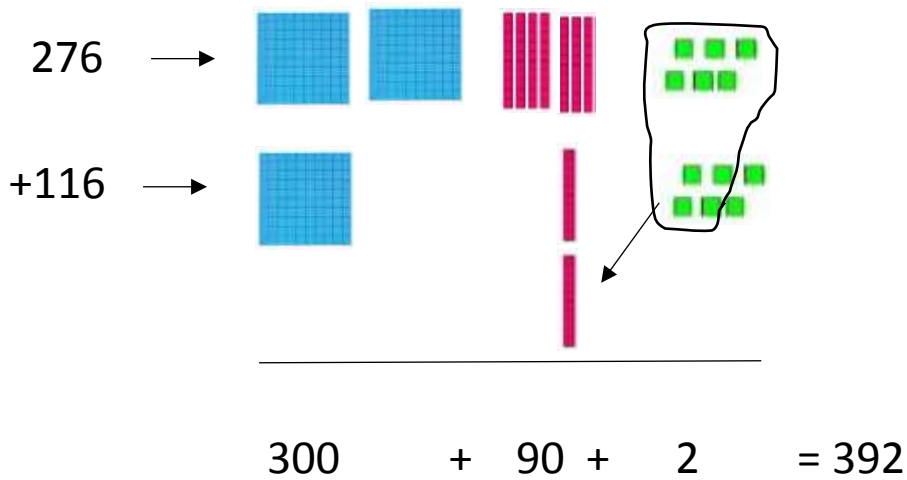
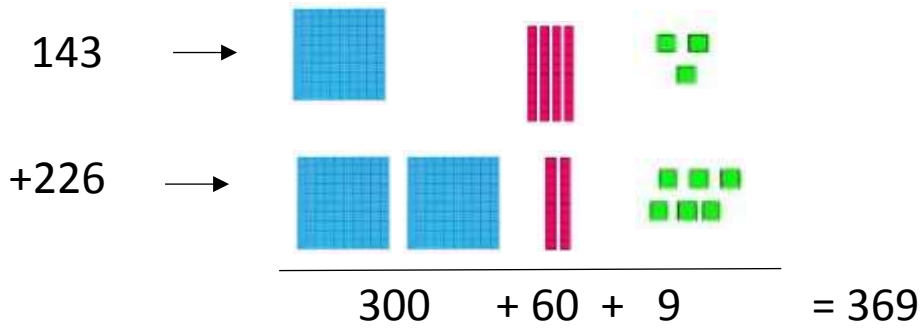


# Addition

## Year 3

Using dienes equipment:



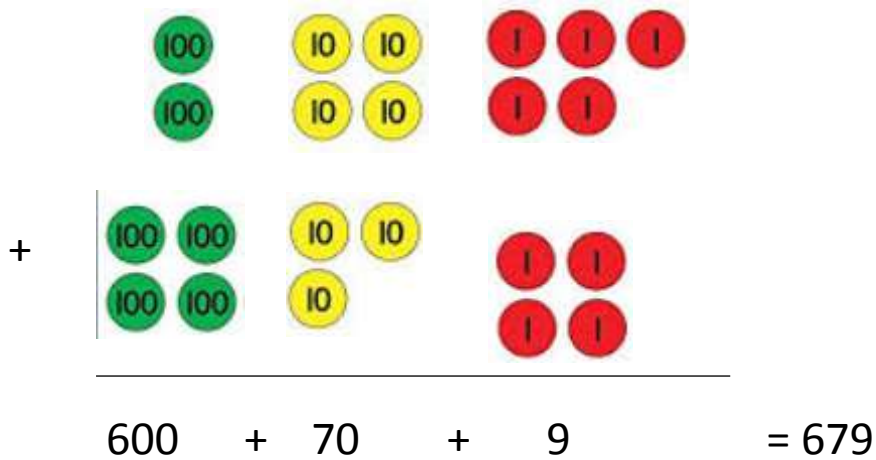
$$\begin{array}{r} 236 \longrightarrow 200 + 30 + 6 \\ + 457 \longrightarrow \underline{400 + 50 + 7} \\ \hline 600 + 80 + 13 = 693 \end{array}$$

Extending to:

$$\begin{array}{r} 236 \\ + 457 \\ \hline 13 \\ 80 \\ \hline 600 \\ \hline 693 \end{array}$$

## Year 4

Using place value counters:



$$\begin{array}{r} 236 \\ + 457 \\ \hline 13 \\ 80 \\ \hline 600 \\ \hline 693 \end{array}$$

once children have a secure understanding of place value

$$\begin{array}{r} 236 \\ + 457 \\ \hline 693 \\ 1 \end{array}$$

Adding to 2 decimal places within the context of money or measures:

$$\begin{array}{r} £ 7.28 \\ + £ 5.46 \\ \hline £ 12.74 \\ 1 \quad 1 \end{array}$$

## Year 5

As Year 4 – progressing to more than 4-digits when understanding of expanded method is secure.

$$\begin{array}{r} 172.83 \\ + 54.68 \\ \hline 227.51 \\ 1 \quad 1 \quad 1 \end{array}$$

## Year 6

As Year 5 - progressing to numbers with a different number of decimal places.