

Stage 4 – Addition

Standard Column Method

Children can still use concrete apparatus during this stage. Place value counters are available in tenths, hundredths and thousandths and should be used if children require them.

During this stage children will:

- Add several numbers with different numbers of digits
- Add two or more three-digit sums of money, with or without adjustment from the pence to the pounds
- Know that decimal points should line up under each other

$$\begin{array}{r} \text{TO.th} \\ \pounds 23.54 \\ \pounds 14.82 \\ + \pounds 31.93 \\ \hline \pounds 70.29 \\ \small{12} \end{array}$$

Steps to Success:

Step 1: Lay out the integers vertically making sure the decimal points are lined up.

Step 2: Begin with the column which has the smallest value. (column furthest to the right)

$$\begin{array}{r} \text{HTO.th} \\ 375 \\ 18.4 \\ 0.85 \\ + \quad 32 \\ \hline 426.25 \\ \small{111} \end{array}$$

Step 3: Don't forget to regroup when necessary and note down what has been regrouped.

Step 4: Check your answer using the inverse.

Vocabulary

Number
More
Numeral
Equal to
Equivalent to
Many
Addition
Add
Altogether
Sum
Total
How many more
Same
Greater than
Less than
Place value
Partition
Regroup
Value
Digit
Ones
Tens
Hundreds
Bridging through ten
Tens boundary
Thousands
Hundreds boundary
Integer
Inverse
Ten thousands
Hundred thousands
Millions
Ones boundary
Tenths boundary
Hundredths boundary
Decimal point
Tenths
Hundredths
Thousandths