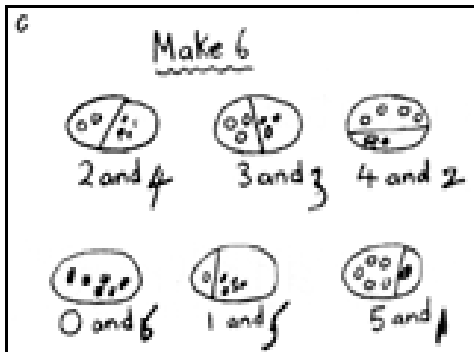




Addition

Step 1

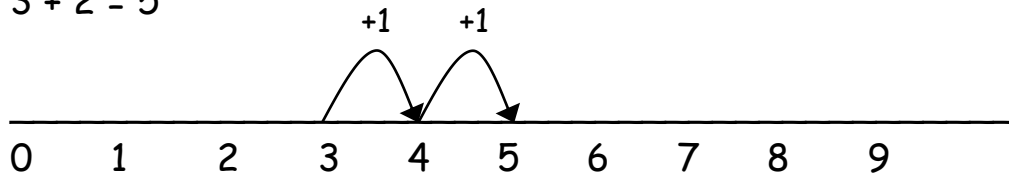
Recording addition by using pictures/grouping.



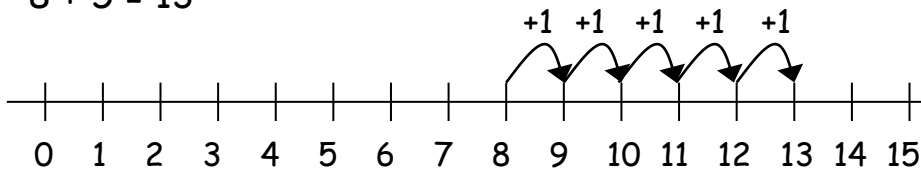
Step 2

Using a number line to count on in ones.

$$3 + 2 = 5$$



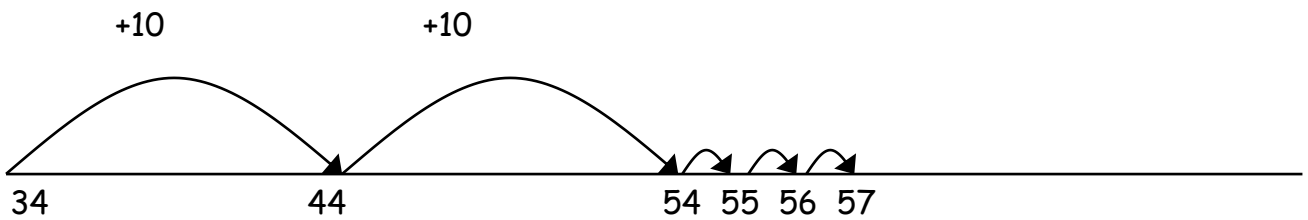
$$8 + 5 = 13$$



Step 3

Using a number line to count on in tens and ones.

$$34 + 23 = 57$$



Step 4

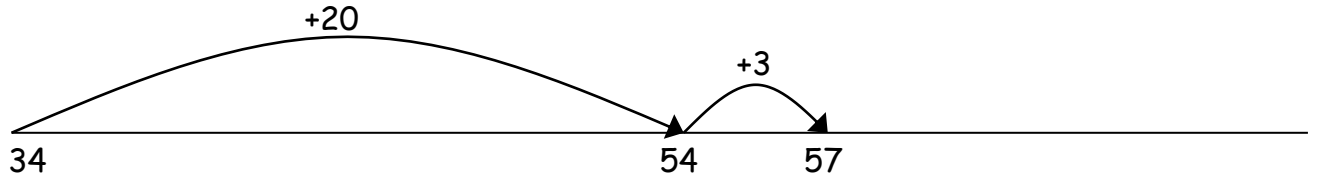


St Bernadette Calculation Policy 2021

Addition

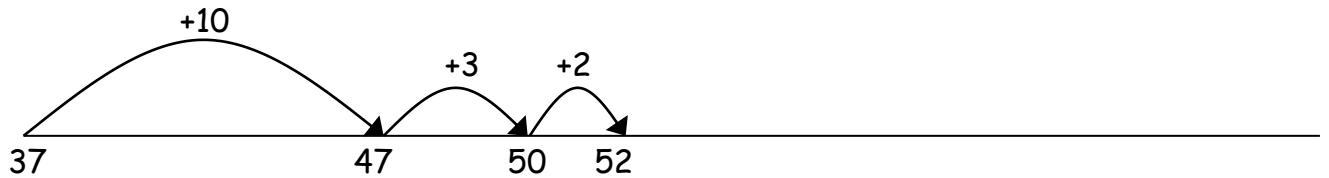
Using a number line adding the tens in one jump and the units in one jump.

$34 + 23 = 57$



Also bridging through ten can help children become more efficient.

$37 + 15 = 52$

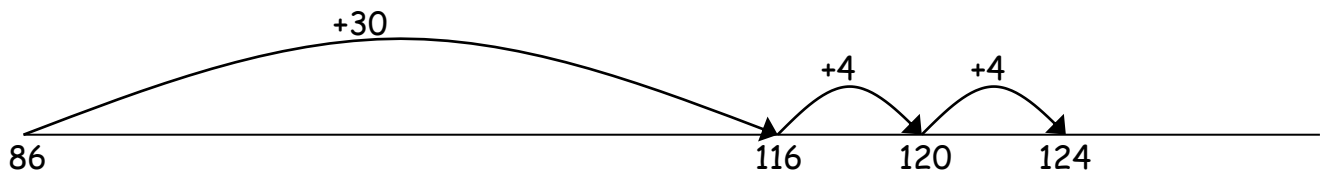


**Step 5**

Continue to use empty number lines with increasingly large numbers, including compensation where appropriate.

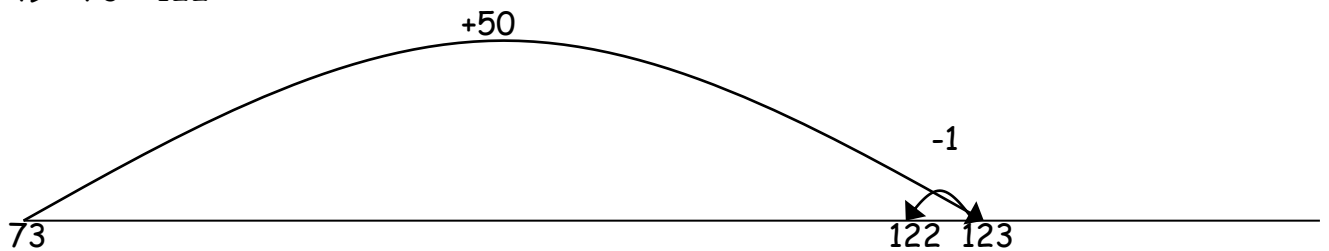
Count on from the largest number irrespective of the order of the calculation.

$38 + 86 = 124$



Compensation & counting on to the nearest 10 then adjusting

$49 + 73 = 122$





## St Bernadette Calculation Policy 2021

### Addition

#### Step 6

Begin to carry below the line

$$\begin{array}{r} 25 \\ + 48 \\ \hline 73 \\ 1 \end{array}$$

$$\begin{array}{r} 83 \\ + 42 \\ \hline 25 \\ 1 \end{array}$$

$$\begin{array}{r} 167 \\ + 285 \\ \hline 352 \\ 1 \end{array}$$

#### Step 7

Extend the carrying method to number with any number of digits.

$$\begin{array}{r} 7648 \\ + 1486 \\ \hline 9134 \\ 111 \end{array}$$

$$\begin{array}{r} 6584 \\ + 5848 \\ \hline 12432 \\ 111 \end{array}$$

$$\begin{array}{r} 42 \\ 6432 \\ 786 \\ 3 \\ + 4681 \\ \hline 11944 \\ 121 \end{array}$$

#### Step 8

Begin to add two or more decimal fractions with up to four digits and either one or two decimal places.

E.g.  $401.2 + 26.85 + 0.71$ .