
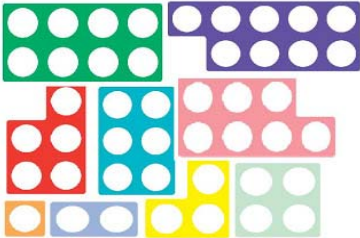

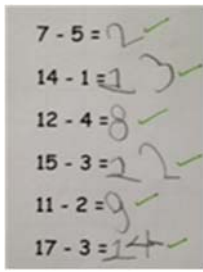
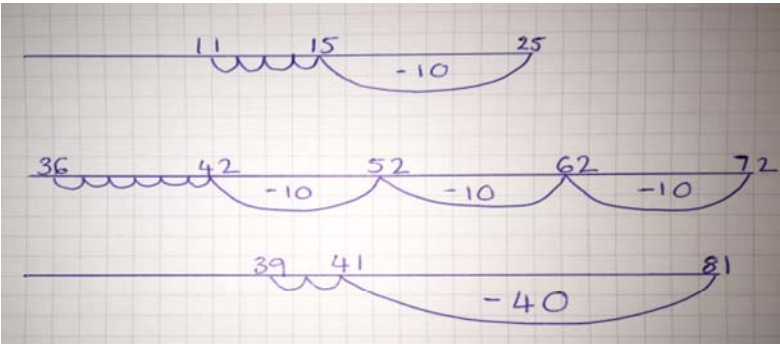
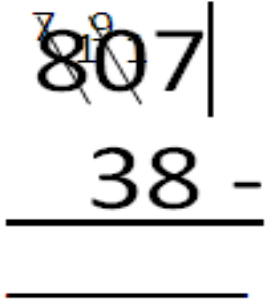
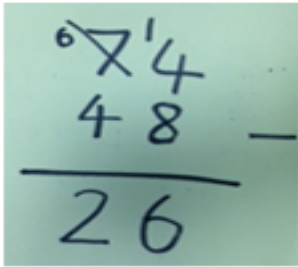


## Calculation Strategy: Subtraction

<u>Progression</u>	<u>Exemplification</u>	<u>Notes</u>
<p><u>Step 1</u> Subtracting objects.</p> <p>Children use number stories for early subtraction.</p>	<p>Practical problem solving activities are used to teach early subtraction. <i>I have 8 teddies. I take away 3 teddies, how many are left?</i></p>   <div data-bbox="840 582 1422 742" style="border: 1px solid black; border-radius: 10px; padding: 10px; display: inline-block;">             Using Numicon shapes for subtraction helps to develop the concept of         </div>	<p>*Start with a group of objects; count them and subtract the agreed amount.</p> <p>*Begin with up to 5 objects and extend as children demonstrate their understanding.</p>
<p><u>Step 2</u> Introduction of the subtraction symbol</p> <p>Use of a numbered line</p>	<p>Practical representation</p>  $7 - 3 = 4$  <p style="text-align: center;">Number sentences</p>	<p>*The children should put their finger onto the largest number and physically count back the agreed amount.</p> <p>*Ensure the children don't use the starting numbers as part of the number to be subtracted.</p>

<p><u>Step 3</u></p> <p>Using an empty number line.</p> <p><u>Strategy:</u> Counting back</p>	<div> <math>25 - 14</math>  <math>=</math>  <math>72 - 36</math>  <math>=</math> </div>  <p>Progress to HTO</p>	<p>*Place value must be secure before subtraction of two 2 digit numbers</p> <p>*100 squares can be used to support children's calculations</p> <p>*Ensure the recordings are under the number line.</p>
<p><u>Step 4</u></p> <p>Column subtraction</p>	<div>   <div>             Use the term <i>exchange</i> rather than <i>borrowing</i> </div> </div> <p>Progress to larger numbers and decimals</p>	<p>*The subtraction sign is to the right of the calculation to remind the children to subtract the <i>ones</i> first.</p> <p>*Children should convert horizontal to column subtraction, e.g.</p> $181 - 96 = \begin{array}{r} 181 \\ - 96 \\ \hline 125 \end{array}$
<p>Counting on to find the difference</p>	<div> <p><u>Example 1:</u></p> <math>200 - 74 =</math> </div> <div> <p><u>Example 2</u></p> <math>85 - 72 =</math> </div>	<p>1. When subtracting larger numbers from multiples of 10, use an empty number line to count on to find the difference.</p> <p>2. When numbers are close together children use counting on.</p>

