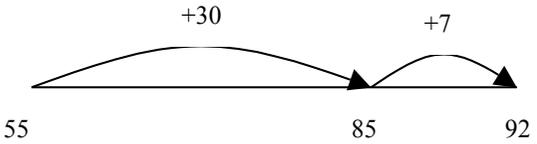


Addition		
Year 4	Year 5	Year 6
<p>4.1 + = signs and missing numbers Continue using a range of equations as in Year 1 and 2 but with appropriate numbers.</p> <p>4.2 Partition into tens and ones and recombine Either partition both numbers and recombine or partition the second number only e.g. $55 + 37 = 55 + 30 + 7$ $= 85 + 7$ $= 92$</p>  <p>4.3 Add the nearest multiple of 10, then adjust Continue as in Year 2 and 3 but with appropriate numbers e.g. $63 + 29$ is the same as $63 + 30 - 1$</p> <p>4.4 Pencil and paper procedures $358 + 73 = 431$ either</p> $\begin{array}{r} 300+50+8 \\ + \quad 70+3 \\ \hline 300+120+11 = 431 \end{array}$ <p>4.5 Extend to decimals in the context of money (vertically) $£ 2.50 + £ 1.75 = £ 4.25$</p> $\begin{array}{r} £ 2.50 \\ + £ 1.75 \\ \hline £ 4.25 \\ 1 \end{array}$ <p>(Revert to expanded methods if the children experience any difficulty.)</p>	<p>5.1 + = signs and missing numbers Continue using a range of equations as in Year 1 and 2 but with appropriate numbers.</p> <p>5.2 Partition into hundreds, tens and ones and recombine Either partition both numbers and recombine or partition the second number only e.g. $358 + 73 = 358 + 70 + 3$ $= 428 + 3$ $= 431$</p> <p>5.3 Pencil and paper procedures Leading to formal method, showing numbers carried underneath</p> $\begin{array}{r} 358 \\ + 73 \\ \hline 431 \\ 11 \end{array}$ <p>Extend to numbers with at least four digits $3587 + 675 = 4262$</p> $\begin{array}{r} 3587 \\ + 675 \\ \hline 4262 \\ 111 \end{array}$ <p>Revert to expanded methods if the children experience any difficulty.</p> <p>5.4 Extend to decimals (same number of decimal places) and adding several numbers (with different numbers of digits). <i>Model negative numbers using a number line.</i></p>	<p>6.1 + = signs and missing numbers Continue using a range of equations as in Year 1 and 2 but with appropriate numbers.</p> <p>6.2 Partition into hundreds, tens, ones and decimal fractions and recombine Either partition both numbers and recombine or partition the second number only e.g. $35.8 + 7.3 = 35.8 + 7 + 0.3$ $= 42.8 + 0.3$ $= 43.1$</p> <p>6.3 Pencil and paper procedures Extend to numbers with any number of digits and decimals with 1 and 2 decimal places. $124.9 + 117.25 = 242.15$</p> $\begin{array}{r} 124.9 \\ + 117.25 \\ \hline 242.15 \\ 11 \end{array}$ <p>Revert to expanded methods if the children experience any difficulty.</p> <p>6.4 Extend to decimals (either one or two decimal places).</p>