

Year 4	Addition Year 5	Year 6
<p>Addition Objectives</p> <p>PF-calculating Refine and use efficient written methods to add and subtract two-digit and three-digit whole numbers and £.p</p> <p><i>Add or subtract mentally pairs of two-digit whole numbers (e.g. 47 +58, 91 - 35)</i></p>	<p>Addition Objectives</p> <p>PF-calculating <i>Use efficient written methods to add and subtract whole numbers and decimals with up to two places</i></p>	<p>Addition Objectives</p> <p>PF-calculating <i>Use efficient written methods to add and subtract integers and decimals.</i></p>

Year 4	Addition Year 5	Year 6
<p><u>Methods</u> Children should begin with vertical expansion – moving on to (compact) column addition.</p> <p>Vertical expansion</p> $\begin{array}{r} 367 \\ + 185 \\ \hline 12 \\ 140 \\ \hline 400 \\ 552 \end{array}$ <p>leading to</p> $\begin{array}{r} 367 \\ +185 \\ \hline \begin{array}{r} 11 \\ \hline 552 \end{array} \end{array}$ <p>Extend to decimals in the context of money.</p> <p><u>Numbers used</u> HTU+HTU £.p</p>	<p><u>Methods</u> Children should use column addition.</p> $3587 + 675 = 4262$ $\begin{array}{r} 3587 \\ + 675 \\ \hline \begin{array}{r} 111 \\ \hline 4262 \end{array} \end{array}$ $\begin{array}{r} 72.8 \\ +54.6 \\ \hline \begin{array}{r} 1 \quad 1 \\ \hline 127.4 \end{array} \end{array}$ <p><u>Number used</u> ThHTU+ThHTU HTU.th + HTU.th</p> <p>Extend to up to two places of decimals (same number of decimals places) and adding several numbers (with different numbers of digits).</p>	<p><u>Methods</u> Children should use column addition.</p> $13.86 + 9.481 = 23.341$ $\begin{array}{r} 13.86 \\ + 9.481 \\ \hline \begin{array}{r} 1 \quad 1 \quad 1 \\ \hline 23.341 \end{array} \end{array}$ <p><u>Numbers used</u></p> <p>Extend to numbers with any number of digits and decimals with 1, 2 and/or 3 decimal places.</p>