

Progression in Written Methods at Bradwell Village School

Addition by Column Method	<p><i>Partitioning</i></p> $36 + 49$ $30 + 40 = 70$ $6 + 9 = 15$ <hr style="width: 50%; margin-left: auto; margin-right: auto;"/> 85 <hr style="width: 50%; margin-left: auto; margin-right: auto;"/>	$ \begin{array}{r} 36 \\ 49 \\ \hline 70 \\ 15 \\ \hline 85 \end{array} $	<p><i>Column Method</i></p> $ \begin{array}{r} & & 1 & & \\ 1 & 3 & 6 & & \\ & & 4 & 9 & + \\ \hline 1 & 8 & 5 & & \\ \hline \end{array} $ <p style="text-align: right; font-size: small;"><i>The ten from 6 + 9 = 15 goes on the top</i></p>
Subtraction by decomposition	$ \begin{array}{r} 6 \\ 4 \\ \hline 2 \\ \hline \end{array} $	$ \begin{array}{r} 7 \\ \cancel{8} \quad ^1 6 \\ 4 \quad 9 \quad - \\ \hline 3 \quad 7 \\ \hline \end{array} $	$ \begin{array}{r} 3 \\ \cancel{4} \quad ^1 3 \quad 2 \\ 1 \quad 9 \quad 1 \quad - \\ \hline 2 \quad 4 \quad 1 \\ \hline \end{array} $

