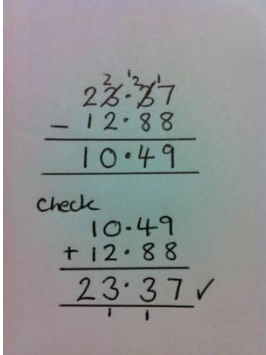
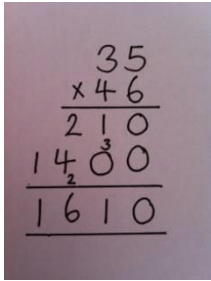
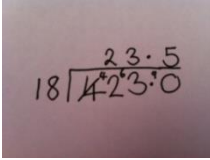


## Year 6 calculation guidance

<p style="text-align: center;"><b>+ Addition +</b></p> <p style="text-align: center;">More Sum Altogether Add Plus Total</p>	<p style="text-align: center;"><b>- Subtraction -</b></p> <p style="text-align: center;">minus Subtract take away less than difference between</p>	<p style="text-align: center;"><b>x Multiplication x</b></p> <p style="text-align: center;">Multiply times lots of groups of multiple of product multiple prime</p>	<p style="text-align: center;"><b>÷ Division ÷</b></p> <p style="text-align: center;">Share equally group equally divide remainder factor prime factor</p>
<p>As Year 5 plus: Compact addition involving large numbers. Compact addition with decimals to three places.</p> <p>e.g.</p> $\begin{array}{r} 32.756 \\ +48.646 \\ \hline 81.402 \\ 11\ 11 \end{array}$ <p>24.5+ 36.238</p> $\begin{array}{r} 24.500 \\ +36.238 \\ \hline 60.738 \\ 1 \end{array}$	<p>As Year 5 plus: Compact subtraction involving large numbers. Compact subtraction with decimals up to three places.</p> 	<p>As Year 5 plus: <b>Long Multiplication</b> Up to 4 digit x 2 digit</p>  <p>Moving to... Decimal numbers to 2 places multiplied by whole numbers Note -some children may continue to use the grid method</p> <p>If it helps, children can write out what they are solving next to their answer.</p> $\begin{array}{r} 32 \\ \times 24 \\ \hline 8 \quad (4 \times 2) \\ 120 \quad (4 \times 30) \\ 40 \quad (20 \times 2) \\ 600 \quad (20 \times 30) \\ \hline 768 \end{array}$	<p>As Year 5 plus: Short division, up to 4 digit numbers divided by 1 or 2 digit numbers e.g. 423 ÷ 18</p>  <p>or Long division</p> 