



# Long multiplication revision

**Part A** Work out the answers to these four long multiplication questions

<p>1. <math display="block">\begin{array}{r} 708 \\ \times 49 \\ \hline 6372 \\ + 28320 \\ \hline 34692 \end{array}</math></p> <p><math>\left( \begin{array}{l} \times 9 \\ \times 40 \end{array} \right)</math></p>	<p>2. <math display="block">\begin{array}{r} 850 \\ \times 95 \\ \hline 4250 \\ + 76500 \\ \hline 80750 \end{array}</math></p> <p><math>\left( \begin{array}{l} \times 5 \\ \times 90 \end{array} \right)</math></p>
<p>3. <math display="block">\begin{array}{r} 697 \\ \times 43 \\ \hline 2091 \\ + 27880 \\ \hline 29971 \end{array}</math></p> <p><math>\left( \begin{array}{l} \times 3 \\ \times 40 \end{array} \right)</math></p>	<p>4. <math display="block">\begin{array}{r} 298 \\ \times 76 \\ \hline 1788 \\ + 20860 \\ \hline 22648 \end{array}</math></p> <p><math>\left( \begin{array}{l} \times 6 \\ \times 70 \end{array} \right)</math></p>

**Part B** How many imposters can you find? There could be up to 3!

Work out each question to sort the imposters from the crewmates.

When you find an imposter, circle it and show where the imposter made a mistake.

<p> Blue</p> $\begin{array}{r} 984 \\ \times 99 \\ \hline 8856 \\ + 88560 \\ \hline 97316 \end{array}$ <p><math>\left( \begin{array}{l} \times 9 \\ \times 90 \end{array} \right)</math></p> <p><i>8 + 5 + 1 = 14 not 13</i></p>	<p> Green</p> $\begin{array}{r} 505 \\ \times 38 \\ \hline 4040 \\ + 15150 \\ \hline 19190 \end{array}$ <p><math>\left( \begin{array}{l} \times 8 \\ \times 30 \end{array} \right)</math></p>
<p> Red</p> $\begin{array}{r} 477 \\ \times 65 \\ \hline 2385 \\ + 28620 \\ \hline 52470 \end{array}$ <p><math>\left( \begin{array}{l} \times 5 \\ \times 60 \end{array} \right)</math></p> <p><i>forgot to add the zero before multiplying by 6</i></p>	<p> Cyan</p> $\begin{array}{r} 689 \\ \times 27 \\ \hline 4823 \\ + 13780 \\ \hline 18603 \end{array}$ <p><math>\left( \begin{array}{l} \times 7 \\ \times 20 \end{array} \right)</math></p>

**Part C** On the back of the page, make up two long multiplication questions of your own. Before you do the working out, decide if they are going to be crewmates or imposters! There might be one of each or perhaps they are both crewmates or both imposters. Once you've finished, challenge an adult to see if they can sort the crewmates from the imposters! You could also send your questions to your teacher!