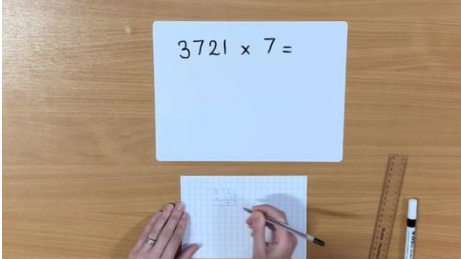
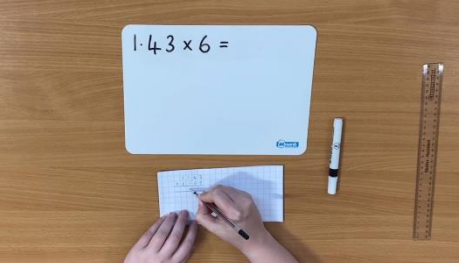
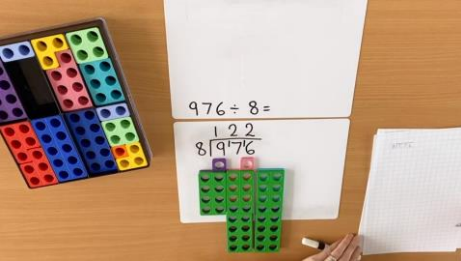
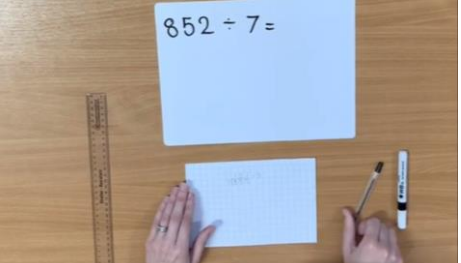


|   |  |   |   |   |
|---|--|---|---|---|
| 5 | <ul style="list-style-type: none"> <li>• Add <b>whole numbers with more than 4 digits</b> (and with <b>up to 3 decimal places</b>), including using formal written methods (columnar addition)</li> </ul>  | <ul style="list-style-type: none"> <li>• Subtract <b>whole numbers with more than 4 digits</b> (and with <b>up to 3 decimal places</b>), including using formal written methods (columnar subtraction)</li> </ul>                               | <ul style="list-style-type: none"> <li>• Multiply numbers <b>up to 4 digits by a 1 digit number</b> using a formal written method e.g. <math>3721 \times 7</math></li> <li>• Multiply <b>one-digit numbers with up to three decimal places by whole numbers</b></li> <li>• Multiply numbers <b>up to 4 digits by 2-digit number</b> using a formal written method e.g. <math>3721 \times 37</math></li> </ul>   | <ul style="list-style-type: none"> <li>• Divide numbers <b>up to 4 digits by a one-digit number</b> using the formal written method and <b>interpret remainders</b></li> <li>• Divide numbers <b>up to 4 digits with up to 3 decimal places by a one-digit number</b> using the formal short written method</li> </ul>  |
|   | <p><i>The same as Year 4 but with larger numbers and with a greater number of decimal places - up to 3 decimal places.</i></p> <p><i>Continue to ensure that the use of '0' as a placeholder is used to ensure pupils are confident with the exchanging and adding on process.</i></p> | <p><i>The same as Year 4 but with larger numbers and with a greater number of decimal places.</i></p> <p><i>Continue to ensure that the use of '0' as a placeholder is used to ensure pupils are confident with the exchanging process.</i></p> | <p>Multiplication of a four-digit numbers by a one-digit numbers.</p> <p>Refer to the Year 4 place value counters videos.</p> $3721 \times 7 = 26047$  <p>Multiplication of a one-digit number with up to three decimal places by a one-digit number.</p>  <p><i>Develop to up to 4 digits with up to 3 decimal places by a one-digit number.</i></p> | <p>Division of numbers with up to four digits by a one-digit number.</p> <p><i>Consolidate understanding of using the formal written method without remainders as outlined within Year 4.</i></p> <p><i>(Numicon) (as used in Year 4)</i></p> $976 \div 8 = 122$  <p>Three-digit number divided by one-digit number – with remainders</p> $852 \div 7 = 121 \text{ r } 5$ <p><i>Round up or down given the context of the problem.</i></p>  |

Multiplication of a four-digit number by a two-digit number.



Four-digit number divided by one-digit number – with remainders- interpreted as a decimal (to 3 decimal places)

$$6497 \div 8 = 812.125$$



Refer to the calculation policy for progression steps.