

Maths Homework activities for Year 6 HT2


These are the areas of Maths your child will be learning this half term. Please let us know via the red books how your child gets on with the activities you try. Occasionally your child may be given extra homework to reinforce an area of Maths they need more practise with.

<p>Multiplication and division facts to 12 x 12</p>	<p>I can multiply multi-digit numbers up to 4 digits by a 2 digit whole number using the formal written method of long multiplication.</p>	<p>I can divide numbers up to 4 digits by a 2 digit whole number using the formal written method of long division.</p>																																																																										
<p>Your child is expected to know all their times tables and the division facts that go with them. For example: $7 \times 2 = 14$ so $14 \div 2 = 7$ and $14 \div 7 = 2$</p> <p>This website has over 20 different games to practise times tables: http://www.primaryhomeworkhelp.co.uk/maths/timestable/interactive.htm</p> <p>Please ask your child's teacher if you would like any further support in helping your child to learn their multiplication and division facts.</p>	<p>Year 6 secure the compact method for multiplying 3 digit numbers by 2 digit numbers. Year 6 also use this method to multiply a decimal number by a two digit number</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <table style="border-collapse: collapse; text-align: right;"> <tr> <td></td> <td style="text-align: center;"><u>10s</u></td> <td style="text-align: center;"><u>1s</u></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">3</td> <td style="text-align: center;">2</td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: right;">x</td> <td style="text-align: center;">1</td> <td style="text-align: center;">6</td> <td></td> </tr> <tr> <td colspan="4" style="border-top: 1px solid black;"></td> </tr> <tr> <td style="text-align: right;">1</td> <td style="text-align: center;">9</td> <td style="text-align: center;">4</td> <td style="text-align: center;">4</td> </tr> <tr> <td></td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td></td> </tr> <tr> <td colspan="4" style="border-top: 1px solid black;"></td> </tr> <tr> <td style="text-align: right;">3</td> <td style="text-align: center;">2</td> <td style="text-align: center;">4</td> <td style="text-align: center;">0</td> </tr> <tr> <td colspan="4" style="border-top: 1px solid black;"></td> </tr> <tr> <td style="text-align: right;">5</td> <td style="text-align: center;">1</td> <td style="text-align: center;">8</td> <td style="text-align: center;">4</td> </tr> <tr> <td></td> <td style="text-align: center;">1</td> <td></td> <td></td> </tr> </table> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <table style="margin: 0 auto; text-align: right;"> <tr><td>34.56</td></tr> <tr><td>x 43</td></tr> <tr><td>103.68</td></tr> <tr><td><u>1382.40</u></td></tr> <tr><td>1486.08</td></tr> </table> </div> </div>		<u>10s</u>	<u>1s</u>			3	2	4	x	1	6						1	9	4	4		1	2						3	2	4	0					5	1	8	4		1			34.56	x 43	103.68	<u>1382.40</u>	1486.08	<p>Year 6 secure the 'bus stop' method to 4 digit numbers by a single digit.</p> <div style="text-align: center; margin-bottom: 20px;"> <table style="margin: 0 auto;"> <tr><td>1</td><td>4</td><td>6</td></tr> <tr><td colspan="3" style="border-top: 1px solid black;"></td></tr> <tr><td>3</td><td>4</td><td>¹3¹8</td></tr> </table> </div> <p>This method is then developed to divide by 2 digit numbers. $549 \div 13 =$</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <table style="border-collapse: collapse; text-align: right;"> <tr><td></td><td style="text-align: center;">4</td><td style="text-align: center;">2</td><td style="text-align: center;">r3</td></tr> <tr><td colspan="4" style="border-top: 1px solid black;"></td></tr> <tr><td>1</td><td>5</td><td>4</td><td>9</td></tr> <tr><td>3</td><td></td><td></td><td></td></tr> </table> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center; margin: 0;"><u>Jottings</u></p> <p style="margin: 0;">13</p> <p style="margin: 0;">26</p> <p style="margin: 0;">39</p> <p style="margin: 0;">52</p> </div> </div>	1	4	6				3	4	¹ 3 ¹ 8		4	2	r3					1	5	4	9	3			
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Year 6 are solving increasingly complex problems involving measurements and shapes. Learning these key facts would really help them.

Measurement conversions
Length


1 kilometre = 1000 metres
1 metre = 100 centimetres
1 centimetre = 10 millimetres



km
m
cm
mm

Measurement conversions
Capacity


1 litre = 1000 millilitres
1 centilitre = 10 millilitres



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ml

Measurement conversions
Weight

1 tonne = 1000 kilograms
1 kilogram = 1000 grams
1 gram = 1000 milligrams



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