

## Burrough Green Mental Maths Targets for Year 5

To be practised regularly, reinforcing the relationship between numbers and operations.

	Name	Tick and date
Addition/Subtraction	<p><b><u>I can work out sums and differences of decimals, by using knowledge of place value and addition and subtraction of 2 digit numbers</u></b>                      Eg. <math>65 + 27 = 92</math> so I can work out <math>6.5 + 2.7 =</math>  <math>1.6 - 0.9 = 0.7</math> (since <math>16 - 9 = 7</math>)</p> <p><b>AND</b></p> <p><b><u>I can work out doubles and halves of decimals by using knowledge of place value and 2 digit numbers:</u></b>                      Eg. I know half of <math>56 = 28</math> so half of <math>5.6 = 2.8</math>,                      double <math>34 = 68</math> so double <math>0.34 = 0.68</math></p> <p><b><u>I can work out quickly:</u></b>  <b>Decimals (tenths) with a total of 1:</b>                      Eg. <math>0.7 + 0.3</math> or <math>0.1 + 0.9</math>  <b>Decimals (ones and tenths) with a total of 10</b>                      Eg. <math>3.7 + 6.3</math> or <math>8.5 + 1.5</math></p>	
	<p><b><u>I can identify pairs of factors of 2 digit whole numbers</u></b>                      Eg. pairs of factors for 12 are:                      1 and 12                      2 and 6                      3 and 4</p> <p><b><u>I can find common multiples:</u></b>                      Eg. Common multiples for 3 and 4 are 12, 24, 36....</p>	
Multiplication/Division	<p><b><u>I can work out quickly multiplication and division facts up to <math>10 \times 10</math></u></b>                      6x table      and division facts                      7x table      and division facts                      8x table      and division facts                      9x table      and division facts                      (I have good knowledge of 2, 3, 4, 5 and 10 x table)</p> <p><b>I know the effect of multiplying by 1 and 0.</b></p> <p><b>I can use these facts to multiply pairs of multiples of 10 and 100:</b>                      Eg. <math>30 \times 80 = 2400</math> because <math>3 \times 8 = 24</math></p>	
	<p><b><u>I know the squares of all numbers from 1 to 10:</u></b>  <math>1 \times 1, 2 \times 2, 3 \times 3, 4 \times 4, 5 \times 5, 6 \times 6, 7 \times 7, 8 \times 8, 9 \times 9, 10 \times 10.</math></p>	