Burrough Green Mental Maths Targets for Year 4

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

	Name:	Tick and date
Addition/Subtraction	**I can work out quickly the number pairs that total 100, using my knowledge of pairs to 10 and 100.** Eg. 36 + 64 = 100	
	I can use knowledge of addition and subtraction facts and place value to work out sums and differences of pairs of multiples of 10, 100 and 1000: Multiples of 10 eg. 25 + 75 = 100 so I know that 250 + 750 = 1000 1000 – 150 = 850 Multiples of 100 eg. 200 + 900 = 1100 Multiples of 1000 eg. 6000 + 9000 = 15000	
	I can show that I know pairs of multiples of 50 that total 1000 50 + 950 200 + 800 350 + 650 500 + 500 100 + 900 250 + 750 400 + 600 150 + 850 300 + 700 450 + 550	
Doubles	**I can identify doubles of 2 digit numbers:** **Tick when I know these doubles:** From 1 – 10 From 51 – 60 From 11 – 20 From 61 – 70 From 21 – 30 From 71 – 80 From 31 – 40 From 82 – 90 From 41 – 50 From 91 - 99	
	I can show that I know doubles of multiples of 10 from double 10 to double 500 Eg. 290 doubled = 580 so half of 580 = 290 **Tick when I know these doubles:** Doubles of multiples of 10 up to 100 Doubles of multiples of 10 from 100 to 200 Doubles of multiples of 10 from 200 to 300 Doubles of multiples of 10 from 300 to 400 Doubles of multiples of 10 from 400 to 500	
	I can show that I know the double of multiples of 100 from double 100 to double 5000 and the matching halves Eg. double 1900 = 3800, half of 3800 = 1900 **Tick when I know these doubles and halves:** Doubles of multiples of 100 from 100 to 1000 Doubles of multiples of 100 from 2000 to 3000 Doubles of multiples of 100 from 1000 to 2000 Doubles of multiples of 100 from 3000 to 4000 Doubles of multiples of 100 from 4000 to 5000	
Multiplication/Division	**I can show that I know times table facts (up to 10 x):** **3 x table 7x table** **4 x table 8x table** **6x table 9x table** (I can show I know 2x, 10x, 5x.) **I can work out the division facts quickly for each times table, using the family of facts.** eg. 4 X 3 = 12, 12 ÷ 4 = 3, 3 x 4 = 12, 12 ÷ 3 = 4 3x, 4x, 6x, 7x, 8x, 9x	
	I can identify pairs of FRACTIONS that total 1 Eg. $\frac{3}{4} + \frac{1}{4} = 1$; $\frac{3}{8} + \frac{5}{8} = 1$	