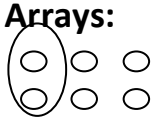
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St Mary's C of E Primary School Calculation Policy

	Addition	Subtraction	Multiplication	Division
Y3	**Mentally Methods:** - a three-digit number and ones - a three-digit number and tens - a three-digit number and hundreds **Empty number line** **Partitioning:** 145+ 121 = 266 100 + 100 = 200 40 + 20 = 60 5 + 1 = 6 **Column Method:** 1 2 3 + 1 1 3 2 3 6	**Mentally Methods:** - a three-digit number and ones - a three-digit number and tens - a three-digit number and hundreds **Empty number line** **Partitioning:** 245 - 121 = 124 200 – 100 = 100 40 - 20 = 20 5 - 1 = 4 **Column Method:** $^{3}4\ ^{1}1$ - 2 2 1 9	**Related facts (inc. missing number)** 4 x 2 = 8 means 400 x 2 = 800 **Partitioning:** 20 x 6 = 120 3 x 6 = 18 **so** 23 x 6 = 138 **Grid Method / Short Multiplication** 35 x 7 = × | 30 | 5 7 | |	**Arrays:**  6 ÷ 3 = 2 **Related facts (inc. missing number)** 5 x 9 = 45 means 45 ÷ 5 = 9 **Bus Stop Method:** (2 & 3 digit) 76 ÷ 2 = 38 3 8 2 | 7 1 6

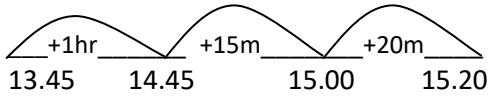
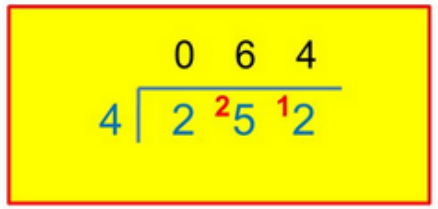
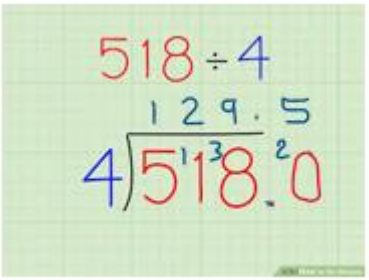
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St Mary's C of E Primary School Calculation Policy

	Addition	Subtraction	Multiplication	Division
Y4	**Column Method:** 4 7 9 0 + 4 6 2 5 2 5 2 ~~1~~ ~~1~~	**Column Method:** 3 ~~5~~6 ~~1~~2 - 1 2 5 2 3 7	**Column Method:** **Compact - 2 & 3 digit by 1 digit** 123 x 5 1st Step: 123 × 5 = 5 (1) 2nd Step: 123 × 5 = 15 (1 1) 3rd Step: 123 × 5 = 615 (1 1)	**Bus Stop Method** **(2 & 3 digit by 1 digit)** 76 ÷ 2 = 38 2 ⟌ 7 [1] 6 3 8

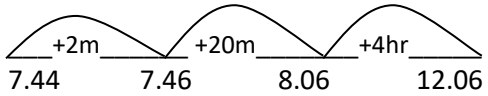
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	Addition	Subtraction	Multiplication	Division
Y5	**Column Method:** 5 2 7 3 + 3 1 3 7 8 4 1 0 1 1 **Number-line: (Time)**  	**Column Method:** 3 5 6 12 - 1 2 5 2 3 7 **Column Method Across Zero:** 12 10 9 14 - 1 2 7 0 7 7	**Column Method:** **Short multiplication** 4 9 2 6 x 8 39 4 0 8 7 2 4 **Long multiplication** 2 3 7 x 2 4 9 4 8 4 7 4 0 5 6 8 8 1	**Bus Stop Method (including remainders and decimals)**   Introduce Speed Writing for long division (speak to upper KS2 staff)

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St Mary's C of E Primary School Calculation Policy

	Addition	Subtraction	Multiplication	Division
Policy Review Cycle – 2025 to 2028 **Y6**	**Column Method:** 5 2 7 3 + 3 1 3 7 8 4 1 0 1 1 **Number-line: (Time)** Jim started his day 7.44am. Drove for 4hrs22mins. What time did he arrive?  	**Column Method:** 3 5 6 12 - 1 2 5 2 3 7	**Column Method:** **Long multiplication** 2 3 7 x 2 4 9 4 8 4 7 4 0 5 6 8 8 1	**Bus Stop Method:** **Long Division (Speed Writing):** 