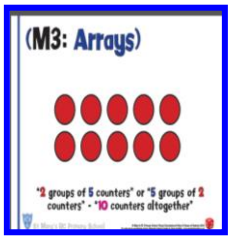
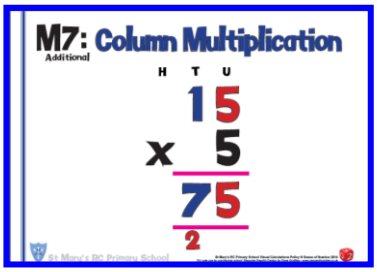
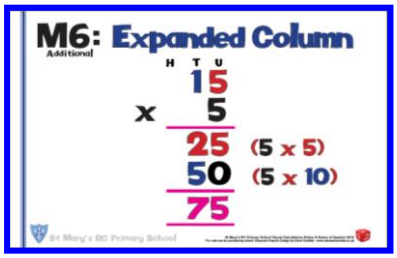
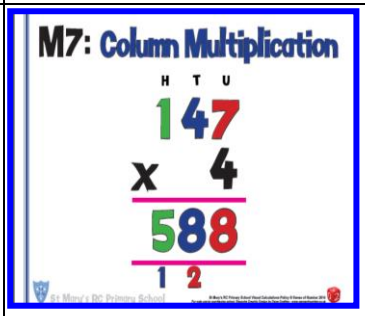
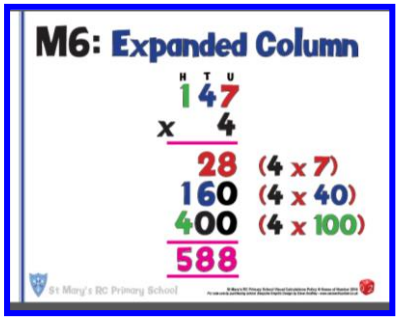
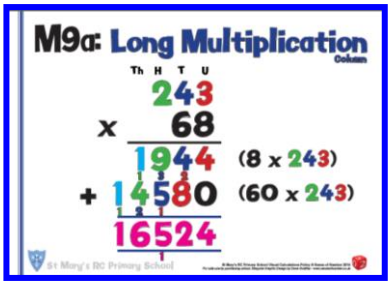
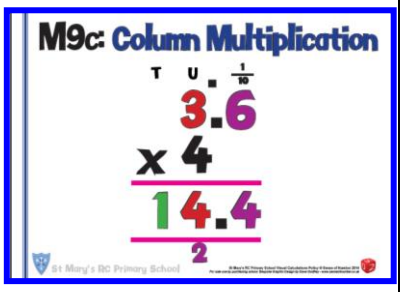
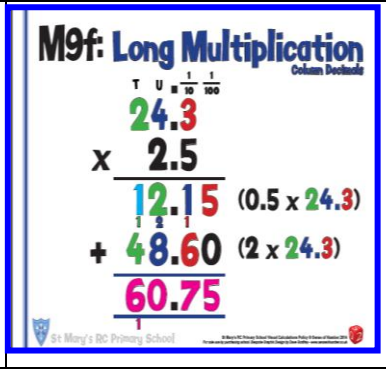
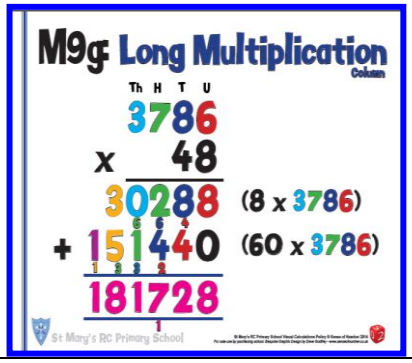
St Mary's RC Primary School Written Calculation Policy – Multiplication

Year		How it will look in written form
Y1	n/a	n/a
Y2	▪ calculate mathematical statements for multiplication within the multiplication tables and write them using the multiplication (×) and equals (=) signs	
Y3	▪ write *estimate* and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, **using mental and progressing to formal written methods**	 
Y4	▪ *Estimate and* multiply two-digit **and three-digit numbers** by a one-digit number using a formal written layout *including grid method* ▪ *Use mental arithmetic strategies when appropriate, e.g. partitioning,* ▪ *Doubling numbers 1-100 as a strategy* *multiply whole numbers and those involving decimals by 10 and 100*	 
Y5	▪ multiply numbers **up to 4 digits** by a one- or two-digit number using a formal written method, *(including grid)* including long multiplication for two-digit numbers ▪ multiply numbers mentally drawing upon known facts ▪ *Use mental arithmetic strategies when appropriate, e.g. partitioning* multiply whole numbers and those involving decimals by 10, 100 and 1000	 
Y6	▪ multiply multi-digit numbers **up to 4 digits** by a two-digit whole number using the formal written method of long multiplication ▪ perform mental calculations, including with mixed operations and large numbers *Use mental arithmetic strategies when appropriate, e.g. partitioning,*