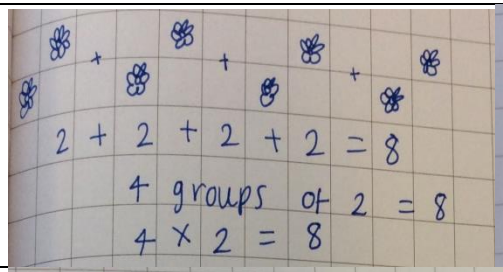
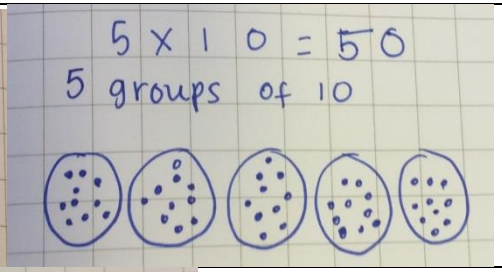
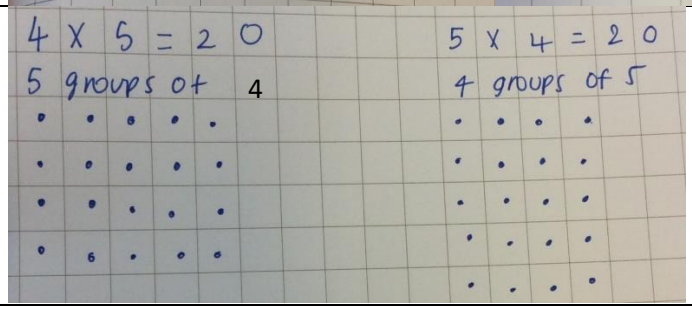
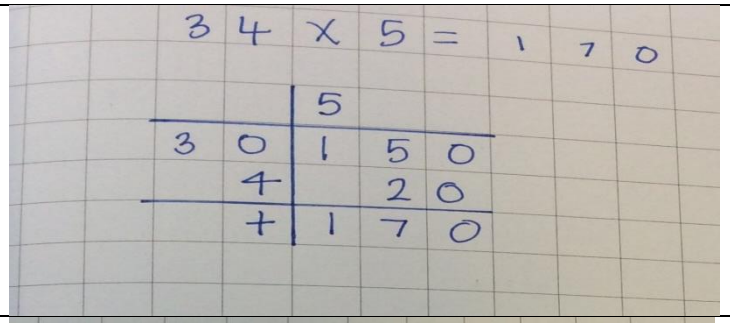
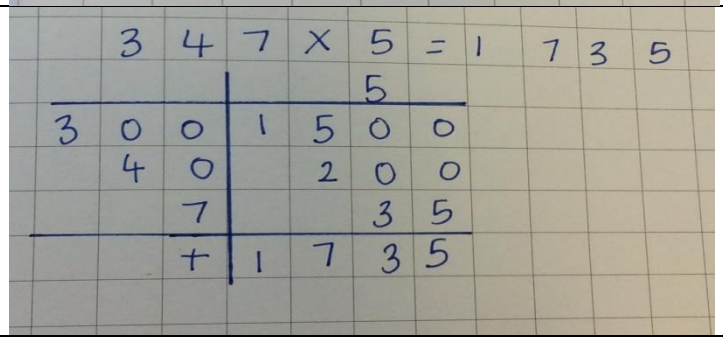
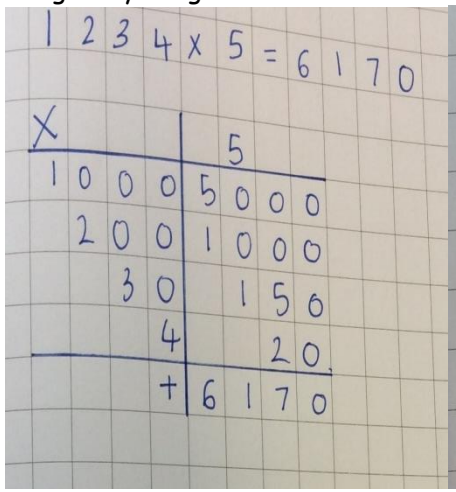
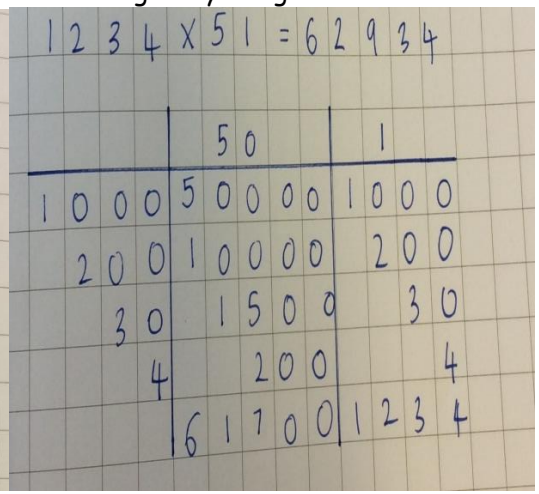
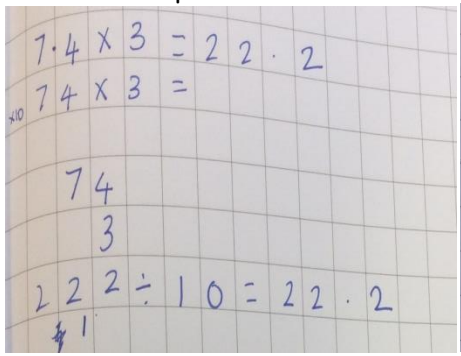
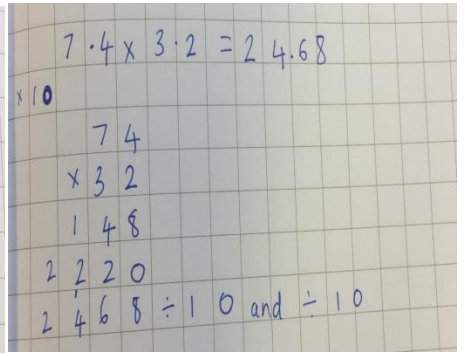
Multiplication	Method	Vocabulary	CPA	Additional notes
EYFS to 10	concrete objects, equal amounts	Double, equal amount, groups, altogether, same	I have 3 apples; can you double the number of apples? There are 6 apples in total. 	Early doubling through play
Year 1 2,5,10 Recite only	Pictorial representations, arrays	Repeated addition, lots of, groups of repeated addition	 	
Year 2 2,5,10 representation	Concrete, arrays and repeated addition	Lots of, groups, same, times, multiply, multiplied by, multiple of, arrays, row, column, double,		

Year 3 3,4,8 and 6	Grid method 1 digit by 2 digits	Lots of, groups, same, times, multiply, multiplied by, multiple of, arrays, row, column, grid method		
Year 4 All	Grid method 1 digit by 3 digits	Lots of, groups, same, times, multiply, multiplied by, multiple of, arrays, row, column, grid method		
Year 5 and 6 1 or 2 digit by 4 digits	Grid method 4 digits by 1 digit 4 digit by 2 digits Short and long multiplication	lots of, groups, repeat, same size, times, multiply, jumps of, steps of, multiplied by, multiple of, array, row, column, double, repeated addition, product, grid method, short multiplication, long multiplication.	4 digits by 1 digit 	4 digits by 2 digits 	NB: Add both the numbers together to get the answer. In this example, 61700+1234=62934

			Short Multiplication 3562 x 8 = 3562 x 8 28496 4 4 1 Long Multiplication 74 x 29 = 74 x 29 666 (9 x 74) + 1480 (20 x 74) 2146 Decimal example :   	Numbers that are 'carried over'- need to be re-grouped and placed as a smaller number under the total of each row. Take the decimal out by x 10 or 100. Work out the whole number with grid method. Put the decimal back into the answer by dividing by 10 or 100.