

Number: Multiplication and Division



MULTIPLICATION & DIVISION FACTS			
EYFS	Year 1	Year 2	Year 3
	<i>count in multiples of twos, fives and tens (copied from Number and Place Value)</i>	<i>count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward (copied from Number and Place Value)</i>	<i>count from 0 in multiples of 4, 8, 50 and 100 (copied from Number and Place Value)</i>
		recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers	recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
MENTAL CALCULATION			
			write 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 (appears also in Written Methods)
		show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot	
WRITTEN CALCULATION			
EYFS	Year 1	Year 2	Year 3
		calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs	write 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 (appears also in Mental Methods)

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	INVERSE OPERATIONS, ESTIMATING AND CHECKING ANSWERS		
EYFS	Year 1	Year 2	Year 3
			<i>estimate the answer to a calculation and use inverse operations to check answers (copied from Addition and Subtraction)</i>

	PROBLEM SOLVING		
EYFS	Year 1	Year 2	Year 3
	solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher	solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects

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