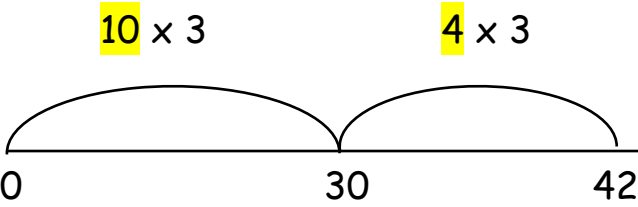


Chaucer Junior School Calculation Policy - Division

Year group	Written Methods		With jottings/ in your head
3	Divide a 2 digit number by a 1 digit number		Use knowledge of division facts to write number sentences.
	<p style="color: red;">Count up in groups using a number line</p> $42 \div 3 = 14$ 		
4	Divide a 2 or 3 digit number by a 1 digit number		Use place value and known facts to divide mentally.
	<p style="color: red;">Formal short division</p> $48 \div 3$ $\begin{array}{r} 16 \\ 3 \overline{)48} \end{array}$	<p style="color: red;">Formal short division</p> $486 \div 9$ $\begin{array}{r} 54 \\ 9 \overline{)486} \end{array}$	

5	Divide numbers up to 4 digits by a 1 digit and interpret remainders in context		Divide whole numbers and decimals by 10, 100, 1000 Divide numbers mentally using known facts.
	<p>Formal short division</p> $1956 \div 6$ $6 \overline{) 1956}$ $\begin{array}{r} 326 \\ 6 \overline{) 1956} \\ \underline{18} \\ 15 \\ \underline{12} \\ 36 \\ \underline{36} \\ 0 \end{array}$	<p>Informal long division (chunking by counting up)</p> $168 \div 6 = 28$ $120 \quad (20 \times 6)$ $\underline{30} \quad (5 \times 6)$ 150 $\underline{18} \quad (3 \times 6)$ 168	
6	Divide numbers up to 4 digits by a 1 or 2 digit number Interpret remainders as whole number, fraction or by rounding		Perform mental calculations with mixed operations and large numbers.
	<p>Formal short division</p> $1838 \div 8$ $8 \overline{) 1838}$ $\begin{array}{r} 229 \text{ r } 6 \\ 8 \overline{) 1838} \\ \underline{16} \\ 23 \\ \underline{16} \\ 78 \\ \underline{72} \\ 6 \end{array}$	<p>Informal long division (chunking by counting up)</p> $504 \div 21 = 24$ $210 \quad (10 \times 21)$ $\underline{210} \quad (10 \times 21)$ 420 $\underline{84} \quad (4 \times 21)$ 504	

