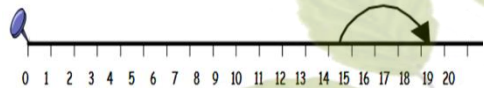


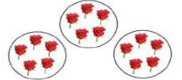
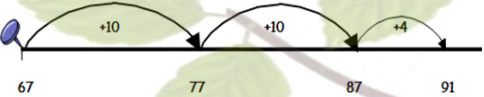
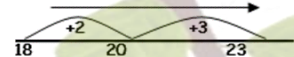

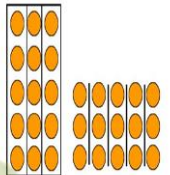


	Addition	Subtraction	Multiplication	Division
Year 1	<p>Adding numbers up to 20.</p> <p>Fully marked and fully numbered number line - counting on in steps of more than one ($15 + 4 = 19$)</p> 	<p>Subtracting numbers from up to 20.</p> <p>What is the difference between 5 and 12? (counting up) - empty line</p> 	<p>Solving one-step problems involving objects.</p> <p>How many legs will 2 cats have?</p>  <p>$4 + 4 = 8$</p>	<p>Grouping and sharing small quantities</p> <p>A farmer has 15 roses and shares them between 3 friends. How many roses do they each get?</p>  <p>15 roses shared between 3 = 5 roses each</p>
Year 2	<p>Adding with two digit numbers.</p> 	<p>Subtracting with two digits.</p> <p>2-digit number - 2-digit number Bridge through a multiple of 10 e.g. $23 - 18 = 5$ (counting up)</p> 	<p>Multiplying using arrays and repeated addition.</p>  <p>$3 \times 4 = 12$ $3 \times 4 = 4 + 4 + 4 = 12$ $4 \times 3 = 3 + 3 + 3 + 3 = 12$</p>	<p>Grouping and sharing larger quantities using written methods.</p>  <p>Completing both of these processes will help children see the link between sharing and grouping but also the link between $15 \div 3 = 5$ and $15 \div 5 = 3$.</p>
Year 3	<p>Adding with numbers up to three digits.</p> $\begin{array}{r} 337 \\ + 497 \\ \hline 834 \end{array}$	<p>Subtracting with two and three-digit numbers.</p> <p>Step 1 -</p> $\begin{array}{r} 152 \\ - 31 \\ \hline 121 \end{array}$ <p>(2 - 1) (50 - 30)</p> <p>Step 2 -</p> $\begin{array}{r} 152 \\ - 31 \\ \hline 121 \end{array}$	<p>Multiplying two-digit number by one-digit numbers.</p> $\begin{array}{r} 13 \\ \times 2 \\ \hline 26 \end{array}$ <p>6 (3x2) 20 (10x2)</p>	<p>Dividing two digit numbers by one digit numbers.</p> <p>98 ÷ 7 becomes</p> $\begin{array}{r} 14 \\ 7 \overline{) 98} \end{array}$
Year 4	<p>Adding with numbers up to four digits.</p> $\begin{array}{r} 4267 \\ + 1584 \\ \hline 5851 \\ 11 \end{array}$	<p>Subtracting with numbers up to four digits.</p> $\begin{array}{r} 2252 \\ - 1131 \\ \hline 1121 \end{array}$	<p>Multiplying 2 and 3 digit numbers by 1 digit numbers.</p> $\begin{array}{r} 123 \\ \times 2 \\ \hline 246 \end{array}$	<p>Consolidating and extending use of short division.</p> <p>432 ÷ 5 becomes</p> $\begin{array}{r} 86r2 \\ 5 \overline{) 432} \end{array}$
Year 5	<p>Adding numbers with more than four digits.</p> $\begin{array}{r} 23415 \\ + 32156 \\ \hline 55571 \\ 1 \end{array}$	<p>Subtracting numbers beyond four digits.</p> $\begin{array}{r} 28928 \\ - 2128 \\ \hline 26800 \end{array}$	<p>Multiplying up to 4 digits by 1 or 2 digits.</p> $\begin{array}{r} 5689 \\ \times 24 \\ \hline 22756 \\ 113780 \\ \hline 136536 \end{array}$	<p>Dividing four digit numbers including remainders.</p> $\begin{array}{r} 0663r5 \\ 8 \overline{) 5309} \end{array}$
Year 6	<p>Adding several numbers with an increasing level of complexity.</p> $\begin{array}{r} 81059 \\ 3668 \\ 15301 \\ + 20551 \\ \hline 120579 \end{array}$	<p>Subtracting with complex numbers including decimals.</p> $\begin{array}{r} 36.080 \\ - 69.339 \\ \hline \end{array}$	<p>Multiplying numbers by decimals.</p> $\begin{array}{r} 5689 \\ \times 24 \\ \hline 22756 \\ 113780 \\ \hline 1365.36 \end{array}$	<p>Dividing four digit numbers by one and two digit numbers and express remainders as decimals.</p> $\begin{array}{r} 0812.125 \\ 8 \overline{) 6497.000} \end{array}$