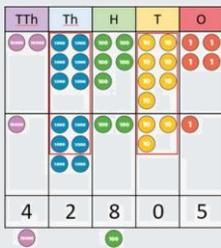
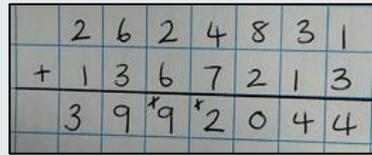
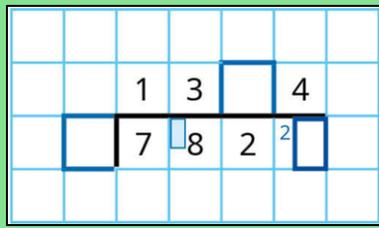
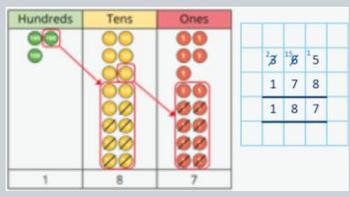
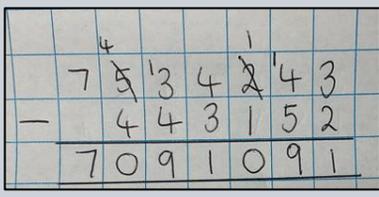
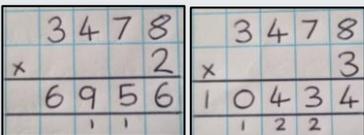
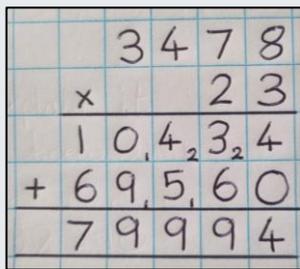
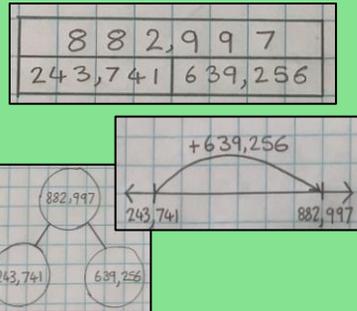
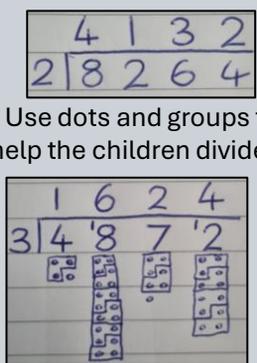
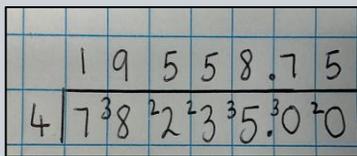


Year 6 Arithmetic Expectations

	How to support	Year 6 expectation	How to extend
Addition	<p>The use of counters in columns helps the children understand the steps of addition</p>  <p>“We exchange 10 tens for 1 hundred”</p>	<p>Up to 7-digit add any 7-digit number</p> 	<p>Missing number calculations</p> 
		<p>Answer is called the sum</p>	<p>Multi-step word problems</p> <p>Two numbers have a difference of 1,200 and a total of 6,484. What are the two numbers?</p> <p>A packet of stickers contains 24 stickers. Ron buys 6 packets of stickers. He shares the stickers between himself and his two friends. How many stickers do they each get?</p>
Subtraction	<p>1. Reduce the number of digits 2. Use of counters and columns</p> 	<p>Up to 7-digit subtract any 7-digit number</p> 	<p>Parameter questions</p> <p>I am thinking of a 3-digit number. It is between 500 and 550. It is divisible by 4. The digit sum is 13.</p>  <p>Use the clues to find all possible solutions.</p>
		<p>Answer is called the difference</p>	<p>Always, sometimes, never true</p> <p>Is the statement always true, sometimes true or never true?</p> <p>When a 3-digit number made of consecutive, descending digits is divided by the next digit, the remainder is 1 For example, $765 \div 4 = 191 \text{ r}1$</p> <p>Explain your answer.</p>
Multiplication	<p>Multiply numbers by a 1-digit number</p>  <p>These 2 calculations would help a child understand the 2-digit multiplication to the right</p>	<p>Any 4-digit number multiplied by any 2-digit number</p> 	<p>Systematic thinking questions</p> <p>Write the missing digits to make the calculations correct.</p> <p>$_3_ + _3 = 300$ $_3_ - _3 = 300$</p> <p>How many possible solutions are there for each of the calculations?</p>
		<p>Answer is called the product</p>	<p>Represent answers in 3 different visual formats</p> 
Division	<p>1. Choose numbers with no exchanges 2. Use dots and groups to help the children divide</p> 	<p>Any 5-digit number divided by any 1-digit number, with remainders</p> 	
		<p>Answer is called the quotient</p>	

To complete additional practice of the core skills, search for 'White Rose Infinity Login' online and enter the relevant code below:

White Rose Infinity – Extra Year 6 Addition Practice	
School Code	Quiz Pin
BVF - WXW	35 - 89 - 42

White Rose Infinity – Extra Year 6 Subtraction Practice	
School Code	Quiz Pin
BVF - WXW	43 - 38 - 29

White Rose Infinity – Extra Year 6 Multiplication Practice	
School Code	Quiz Pin
BVF - WXW	51 - 40 - 70

White Rose Infinity – Extra Year 6 Division Practice	
School Code	Quiz Pin
BVF - WXW	19 - 27 - 27

White Rose Infinity – Extra Year 6 Problem Solving Practice	
School Code	Quiz Pin
BVF - WXW	81 – 84 - 86

White Rose Infinity – Extra Year 6 Fractions Practice	
School Code	Quiz Pin
BVF - WXW	82 – 64 - 66