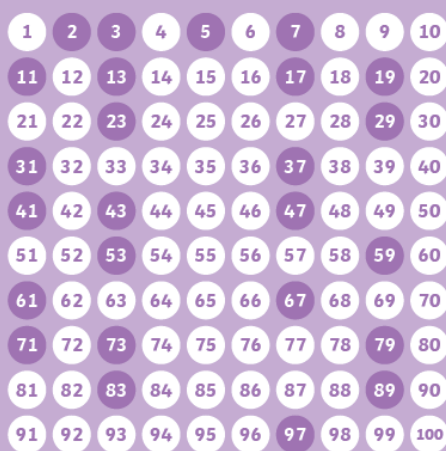
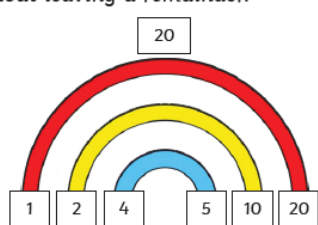
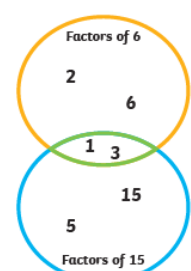
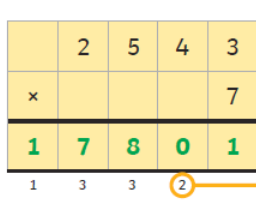
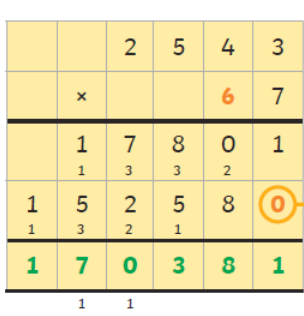
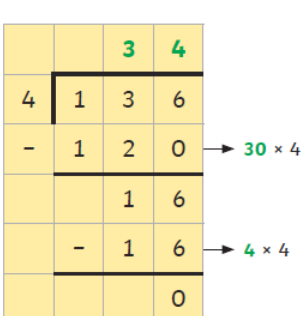


In maths we are learning about...

Multiplication and Division		Knowledge Organiser	
Key Vocabulary	Factors	Prime Numbers	
multiply	A factor is a number that divides into another number exactly, without leaving a remainder.		
groups of			<p>A common factor is a factor of 2 or more numbers.</p> 
lots of			
times	<p>Squared² and Cubed³ Numbers</p>		
divide			<p>Related Calculations</p>
share	<p>factor</p>		
remainder			<p>multiple</p>
product	<p>product</p>		
			<p>2² = 4 2 × 2 = 4</p> <p>2³ = 8 2 × 2 × 2 = 8</p> <p>5² = 25 5 × 5 = 25</p> <p>5³ = 125 5 × 5 × 5 = 125</p>

Multiplication and Division		Knowledge Organiser
Short Multiplication	Long Multiplication	
<p>2543 × 7 = 17 801</p>  <p>Remember to move any regrouped digits into the next column. After the next multiplication, add the regrouped number to the answer.</p>	<p>2543 × 67 = 170 381</p>  <p>Before multiplying by the number in the tens column, remember to use zero as a placeholder because the 6 in 67 is 6 tens (60).</p>	

Division		Short Division
<p>136 ÷ 4 = 34</p> 	<p>15 ÷ 4 = 3 remainder 3</p> <p>Remember to regroup any remainders and move them into the next column.</p>	<p>28 ÷ 5 = 5 remainder 3</p> <p>If your calculation has a remainder, remember to record it in the answer using the letter r.</p>