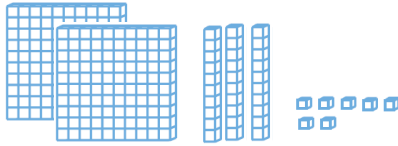


Division script (Renaming method that emphasises renaming with Base 10 material)

Language (Script)	Materials	Recording																																																		
<p>237 divided by 5</p>	 <p><i>Base 10 material is used to support renaming</i></p>	<table border="1" style="width: 100%; text-align: center;"> <tr><td></td><td>H</td><td>T</td><td>O</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td>2</td><td>3</td><td>7</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </table>		H	T	O							5	2	3	7																																				
	H	T	O																																																	
5	2	3	7																																																	
<p>Can you share 2 hundreds between 5? No. Need to rename.</p>		<table border="1" style="width: 100%; text-align: center;"> <tr><td></td><td>H</td><td>T</td><td>O</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>0</td><td></td><td></td><td></td></tr> <tr><td>5</td><td>2</td><td>23</td><td>7</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </table>		H	T	O								0				5	2	23	7																															
	H	T	O																																																	
	0																																																			
5	2	23	7																																																	
<p>Can you share 23 tens between 5? Yes. 23 tens shared between 5 is 4 tens each. $5 \times 4 \text{ tens} = 20 \text{ tens}$</p> <p>Subtract 20 tens from 23 tens $23 \text{ tens} - 20 \text{ tens} = 3 \text{ tens}$</p>		<table border="1" style="width: 100%; text-align: center;"> <tr><td></td><td>H</td><td>T</td><td>O</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>0</td><td>4</td><td></td><td></td></tr> <tr><td>5</td><td>2</td><td>23</td><td>7</td><td></td></tr> <tr><td>—</td><td></td><td>20</td><td></td><td>(5 × 4 tens)</td></tr> <tr><td></td><td></td><td>3</td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </table>		H	T	O								0	4			5	2	23	7		—		20		(5 × 4 tens)			3																						
	H	T	O																																																	
	0	4																																																		
5	2	23	7																																																	
—		20		(5 × 4 tens)																																																
		3																																																		
<p>Can you share 3 tens and 7 ones between 5? No. Need to rename.</p>																																																				
<p>Can you share 37 ones between 5? Yes. 37 ones shared between 5 is 7 ones each. $5 \times 7 \text{ ones} = 35 \text{ ones}$</p> <p>Subtract 35 ones from 37 ones $37 \text{ ones} - 35 \text{ ones} = 2 \text{ ones}$</p> <p>2 ones remain</p>		<table border="1" style="width: 100%; text-align: center;"> <tr><td></td><td>H</td><td>T</td><td>O</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>0</td><td>4</td><td>7</td><td></td></tr> <tr><td>5</td><td>2</td><td>23</td><td>7</td><td></td></tr> <tr><td>—</td><td></td><td>20</td><td></td><td>(5 × 4 tens)</td></tr> <tr><td></td><td></td><td>3</td><td>37</td><td></td></tr> <tr><td></td><td></td><td></td><td>35</td><td>(5 × 7 ones)</td></tr> <tr><td></td><td></td><td></td><td>2</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </table>		H	T	O								0	4	7		5	2	23	7		—		20		(5 × 4 tens)			3	37					35	(5 × 7 ones)				2											
	H	T	O																																																	
	0	4	7																																																	
5	2	23	7																																																	
—		20		(5 × 4 tens)																																																
		3	37																																																	
			35	(5 × 7 ones)																																																
			2																																																	
<p>237 divided by 5 is 47 remainder 2</p>		<table border="1" style="width: 100%; text-align: center;"> <tr><td></td><td>H</td><td>T</td><td>O</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>0</td><td>4</td><td>7</td><td>r2</td></tr> <tr><td>5</td><td>2</td><td>23</td><td>7</td><td></td></tr> <tr><td>—</td><td></td><td>20</td><td></td><td>(5 × 4 tens)</td></tr> <tr><td></td><td></td><td>3</td><td>37</td><td></td></tr> <tr><td></td><td></td><td></td><td>35</td><td>(5 × 7 ones)</td></tr> <tr><td></td><td></td><td></td><td>2</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </table>		H	T	O								0	4	7	r2	5	2	23	7		—		20		(5 × 4 tens)			3	37					35	(5 × 7 ones)				2											
	H	T	O																																																	
	0	4	7	r2																																																
5	2	23	7																																																	
—		20		(5 × 4 tens)																																																
		3	37																																																	
			35	(5 × 7 ones)																																																
			2																																																	

* Answers involving fractions require a different context – physical objects that can be shared (e.g., Mars Bars).