



Maths Focus: mental and written division and multiplication; inverse operations

Helpful Hints: Use your knowledge of corresponding (division) and inverse (multiplication) operations to help you to solve some of the unknowns

Level 1	Level 2	Level 3																																	
<p>Jack has worked out the answers to some division questions but has accidentally spilled some ink over his work!</p> <div style="border: 1px solid blue; border-radius: 10px; padding: 5px; margin-bottom: 5px;"> $30 \div \text{[ink splat]} = 10$ </div> <div style="border: 1px solid blue; border-radius: 10px; padding: 5px; margin-bottom: 5px;"> $12 = 24 \div \text{[ink splat]}$ </div> <div style="border: 1px solid blue; border-radius: 10px; padding: 5px;"> $\text{[ink splat]} \div 7 = 5$ </div> <p>1. Figure out what numbers the ink splats are covering.</p>	<p>Jack has worked out the answers to some division questions but has accidentally spilled some ink over his work!</p> <div style="border: 1px solid orange; border-radius: 10px; padding: 5px; margin-bottom: 5px;"> $\text{[ink splat]} \div 5 = 25$ </div> <div style="border: 1px solid orange; border-radius: 10px; padding: 5px; margin-bottom: 5px;"> $60 = 420 \div \text{[ink splat]}$ </div> <div style="border: 1px solid orange; border-radius: 10px; padding: 5px;"> $5800 \div \text{[ink splat]} = 58$ </div> <p>1. Figure out what numbers the ink splats are covering.</p>	<p>Jack has used the short division method to work out the answers to some division questions but has accidentally spilled some ink over his work!</p> <div style="border: 1px solid green; border-radius: 10px; padding: 5px; margin-bottom: 10px;"> <table style="border-collapse: collapse; width: 100%; text-align: center;"> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;">[ink splat]</td> <td style="border: 1px solid black; width: 20px; height: 20px;">1</td> <td style="border: 1px solid black; width: 20px; height: 20px;">0</td> <td style="border: 1px solid black; width: 20px; height: 20px;">[ink splat]</td> </tr> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;">4</td> <td style="border: 1px solid black; width: 20px; height: 20px;"> </td> <td style="border: 1px solid black; width: 20px; height: 20px;">8</td> <td style="border: 1px solid black; width: 20px; height: 20px;">[ink splat]</td> <td style="border: 1px solid black; width: 20px; height: 20px;">3</td> </tr> <tr> <td colspan="2"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;">2</td> </tr> </table> </div> <div style="border: 1px solid green; border-radius: 10px; padding: 5px;"> <table style="border-collapse: collapse; width: 100%; text-align: center;"> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;">1</td> <td style="border: 1px solid black; width: 20px; height: 20px;">4</td> <td style="border: 1px solid black; width: 20px; height: 20px;">[ink splat]</td> <td style="border: 1px solid black; width: 20px; height: 20px;">5</td> <td style="border: 1px solid black; width: 20px; height: 20px;">1</td> </tr> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;">[ink splat]</td> <td style="border: 1px solid black; width: 20px; height: 20px;"> </td> <td style="border: 1px solid black; width: 20px; height: 20px;">8</td> <td style="border: 1px solid black; width: 20px; height: 20px;">4</td> <td style="border: 1px solid black; width: 20px; height: 20px;">3</td> <td style="border: 1px solid black; width: 20px; height: 20px;">0</td> </tr> <tr> <td colspan="2"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;">[ink splat]</td> </tr> </table> </div> <p>1. Figure out what numbers the ink splats are covering.</p>		[ink splat]	1	0	[ink splat]	4		8	[ink splat]	3					2		1	4	[ink splat]	5	1	[ink splat]		8	4	3	0						[ink splat]
	[ink splat]	1	0	[ink splat]																															
4		8	[ink splat]	3																															
				2																															
	1	4	[ink splat]	5	1																														
[ink splat]		8	4	3	0																														
					[ink splat]																														