

# Progression in Calculations. Y5

## Subtraction.

Year 5																												
<p style="text-align: center; color: red;"><b>Subtract More than 4-digits</b></p> <p>Building on Year 4 experience, children use their knowledge of subtracting using the formal column method to subtract numbers with more than four digits. Children will be focusing on exchange and will be concentrating on the correct place value. It is important that children know when an exchange is and isn't needed. Children need to experience 0 as a placeholder.</p>	<p>Calculate:</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <math>4,648 - 2,347</math> <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <thead> <tr style="background-color: #f4a460;"> <th>1,000s</th> <th>100s</th> <th>10s</th> <th>1s</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">●●●●</td> <td style="text-align: center;">●●●●</td> <td style="text-align: center;">●●●●</td> <td style="text-align: center;">●●●●</td> </tr> <tr> <td style="text-align: center;">●●●●</td> <td style="text-align: center;">●●●●</td> <td style="text-align: center;">●●●●</td> <td style="text-align: center;">●●●●</td> </tr> </tbody> </table> </div> <div style="text-align: center;"> <math>45,536 - 8,426</math> <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <thead> <tr style="background-color: #f4a460;"> <th>TTh</th> <th>Th</th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">●●●●</td> <td style="text-align: center;">●●●●</td> <td style="text-align: center;">●●●●</td> <td style="text-align: center;">●●●●</td> <td style="text-align: center;">●●●●</td> </tr> <tr> <td style="text-align: center;">●●●●</td> <td style="text-align: center;">●●●●</td> <td style="text-align: center;">●●●●</td> <td style="text-align: center;">●●●●</td> <td style="text-align: center;">●●●●</td> </tr> </tbody> </table> </div> </div>	1,000s	100s	10s	1s	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	TTh	Th	H	T	O	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●
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<p>Children will be confident with the formal method of decomposition, which can be modelled with place value counters to enhance their understanding.</p>	<div style="text-align: center;"> <table border="1" style="border-collapse: collapse; font-family: monospace;"> <tr><td style="padding: 5px;"><del>4</del></td><td style="padding: 5px;"><del>5</del></td><td style="padding: 5px;">0</td><td style="padding: 5px;"><del>3</del></td><td style="padding: 5px;">6</td></tr> <tr><td style="padding: 5px;">-</td><td style="padding: 5px;">2</td><td style="padding: 5px;">1</td><td style="padding: 5px;">2</td><td style="padding: 5px;">8</td></tr> <tr><td colspan="5" style="border-top: 1px solid black; padding: 5px;"></td></tr> <tr><td style="padding: 5px;">2</td><td style="padding: 5px;">8</td><td style="padding: 5px;">9</td><td style="padding: 5px;">2</td><td style="padding: 5px;">8</td></tr> </table> <p style="margin-top: 10px;">Use zeros for place-holders.</p> </div>	<del>4</del>	<del>5</del>	0	<del>3</del>	6	-	2	1	2	8						2	8	9	2	8							
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