

Maths challenges - Year 1

Challenge 1 -

Mastery	Mastery with Greater Depth																
<p>Write the numbers in order of size.</p> <table><tr><td>15</td><td>16</td><td>5</td><td>71</td><td>50</td></tr></table> <p>What is one more than...?</p> <p>What is one less than...?</p> <p>Complete:</p> <table><tr><td>19</td><td></td><td>21</td><td>22</td><td></td><td></td></tr></table>	15	16	5	71	50	19		21	22			<table><tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr></table> <p>Use two of the digit cards to make a number greater than 50.</p> <p>Use two of the digit cards to make a number less than 30.</p> <p>Use two of the digit cards to make an odd/even number.</p> <p>Use two of the digit cards to make a number between 47 and 59.</p> <p>What is the smallest 2-digit number you can make?</p> <p>What is the largest 2-digit number you can make?</p> <p>Explain your reasoning.</p>	2	3	4	5	6
15	16	5	71	50													
19		21	22														
2	3	4	5	6													

Maths challenges - Year 1

Challenge 2 -

Mastery	Mastery with Greater Depth
<p>Write the missing number in each box.</p> <p>19 $\xrightarrow{\text{is 1 less than}}$ <input data-bbox="515 486 607 563" type="text"/></p> <p>33 $\xrightarrow{\text{is 1 less than}}$ <input data-bbox="515 619 607 695" type="text"/></p> <p>54 $\xrightarrow{\text{is 1 less than}}$ <input data-bbox="515 751 607 828" type="text"/></p> <p>59 $\xrightarrow{\text{is 1 less than}}$ <input data-bbox="515 884 607 960" type="text"/></p>	<p>Complete:</p> <p><input data-bbox="1187 486 1279 563" type="text"/> $\xrightarrow{\text{is 1 less than}}$ <input data-bbox="1541 486 1632 563" type="text"/></p> <p><input data-bbox="1187 619 1279 695" type="text"/> $\xrightarrow{\text{is 1 more than}}$ <input data-bbox="1541 619 1632 695" type="text"/></p>

Maths challenges - Year 1

Challenge 3 -

Mastery	Mastery with Greater Depth																		
<p>Complete:</p> <table><tr><td>5</td><td>10</td><td></td><td></td><td></td><td>30</td></tr></table> <table><tr><td></td><td>4</td><td>6</td><td></td><td></td><td>12</td></tr></table> <table><tr><td></td><td></td><td></td><td>40</td><td>50</td><td>60</td></tr></table>	5	10				30		4	6			12				40	50	60	<p>Alin says, 'If I start at 5 and count in fives I will say the number 100.' Is he correct?</p> <p>Explain your reasoning.</p> <p>Sita says, 'If I start at 17 and count in twos I will say the number 28.' Is she correct?</p> <p>Explain your reasoning.</p>
5	10				30														
	4	6			12														
			40	50	60														