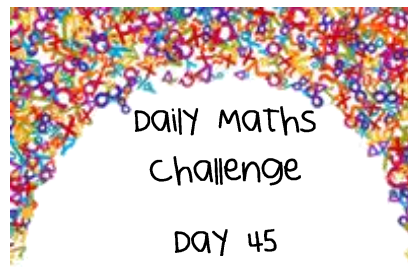


# ANSWERS



Maths Focus: place value; properties of number; mathematical vocabulary; all four operations

Helpful Hints: use working out to solve the value of each box so that you can compare the values

Level 1	Level 2	Level 3																		
<p>Mark has been thinking of some other ways to represent the <u>value 25</u>. He writes them down in the grid but has made a couple of errors.</p> <table border="1" data-bbox="224 726 638 1197"> <tr> <td><math>5 \times 5</math> ✓</td> <td>Half of 60</td> </tr> <tr> <td>5 less than 30 ✓</td> <td>2 tens and 5 ones ✓</td> </tr> <tr> <td><math>20 - 5</math></td> <td><math>19 + 6</math> ✓</td> </tr> </table> <p>1. Tick the four boxes which have a value of 25.</p>	$5 \times 5$ ✓	Half of 60	5 less than 30 ✓	2 tens and 5 ones ✓	$20 - 5$	$19 + 6$ ✓	<p>Mark has been thinking of some other ways to represent the <u>value 153</u>. He writes them down in the grid but has made a couple of errors.</p> <table border="1" data-bbox="907 726 1321 1197"> <tr> <td>1 hundred 5 tens 3 ones</td> <td><math>20 + 50 + 83</math></td> </tr> <tr> <td>90 increased by 63</td> <td><math>206 \div 2</math></td> </tr> <tr> <td>57 less than 200</td> <td><math>3 \times 50 + 3</math></td> </tr> </table> <p>1. Draw a ring around the two boxes which <b>do not</b> have a value of 153. 2. Explain why these boxes do not represent 153. <math>206 \div 2 = 103</math> and 57 less than 200 = 143</p>	1 hundred 5 tens 3 ones	$20 + 50 + 83$	90 increased by 63	$206 \div 2$	57 less than 200	$3 \times 50 + 3$	<p>Mark has been thinking of some other ways to represent the <u>value 864</u>. He writes them down in the grid but has made errors.</p> <table border="1" data-bbox="1590 726 2004 1204"> <tr> <td>108 lots of 8</td> <td><math>-100 + 964</math></td> </tr> <tr> <td>86 tens 4 ones</td> <td>2,000 decreased by 1,136</td> </tr> <tr> <td><math>400 + 32 \times 2</math></td> <td><math>2,598 \div 3</math></td> </tr> </table> <p>1. Draw a ring around the boxes which <b>do not</b> have a value of 864. 2. Explain why these boxes do not represent 864. <math>400 + 32 \times 3 = 496</math> due to BIDMAS; <math>2,598 \div 3 = 868</math></p>	108 lots of 8	$-100 + 964$	86 tens 4 ones	2,000 decreased by 1,136	$400 + 32 \times 2$	$2,598 \div 3$
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