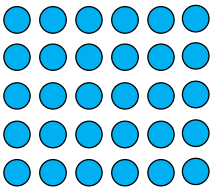
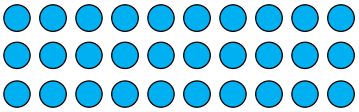
Y3 – Autumn – Block 3 – Step 4 – Multiples of 5 and 10 Answers

Question	Answer
1	a), b) 1 2 3 4 **5** 6 7 8 9 **10** 11 12 13 14 **15** 16 17 18 19 **20** 21 22 23 24 **25** 26 27 28 29 **30** 31 32 33 34 **35** 36 37 38 39 **40** 41 42 43 44 **45** 46 47 48 49 **50** 51 52 53 54 **55** 56 57 58 59 **60** 61 62 63 64 **65** 66 67 68 69 **70** 71 72 73 74 **75** 76 77 78 79 **80** 81 82 83 84 **85** 86 87 88 89 **90** 91 92 93 94 **95** 96 97 98 99 **100** All multiples of 10 are also multiples of 5 c) A multiple of 10 has a **0** in the ones column. A multiple of 5 has either a **5** or a **0** in the ones column.
2	a) 100 **95** **90** **85** **80** **75** **70** 65 60 b) 100 **90** **80** 70 60 c) 320 325 **330** **335** **340** **345** **350** **355** **360** d) 320 330 **340** **350** **360** When starting from the same number, all the numbers on the track for counting in 10s also appear in the track for counting in 5s.
3	All multiples of 5 are also multiples of 10 All multiples of 10 are also multiples of 5 ✓ All multiples of 5 are even. All multiples of 10 are even. ✓ Multiples of 5 end with either a 5 or a 0, but all multiple of 10 end with a 0, so the first statement is not true, but the second statement is true. Multiples of 5 end with either a 5 or a 0, and numbers that end with a 5 are odd numbers and so not a multiple of 2 All multiple of 10 end with a 0, and numbers that end with a 0 are even numbers and so a multiple of 2
4	**Aisha** 455 460 465 **469** 475 480 **Scott** 510 515 **520** **530** 535 540 Aisha wrote 469 instead of 470 Scott missed out 525

Y3 – Autumn – Block 3 – Step 4 – Multiples of 5 and 10 Answers (continued)

<table>
<tr><th>Question</th><th>Answer</th></tr>
<tr><td>5</td><td>a)
 

c)
 

Both arrays have 30 counters.</td></tr>
<tr><td>6</td><td>60p
Children could have counted in 5s to 20 and then in 10s to 60
Alternatively, they may have used the fact that two 5s are equal to 10, and counted in 10s to 60</td></tr>
<tr><td>7</td><td>
<table>
<tr><th>Multiple of 5, but not of 10</th><th>Multiple of 10, but not of 5</th></tr>
<tr><td>355 115
995</td><td></td></tr>
<tr><th>Mutliple of both 5 and 10</th><th>Not a multiple of 5 or 10</th></tr>
<tr><td>470 340
990</td><td>304 116
457 101</td></tr>
</table>
The are no numbers in “Multiple of 10, but not of 5”, because all multiples of 10 are also multiples of 5
</td></tr>
<tr><td>8</td><td>5 and 60
10 and 55
15 and 50
20 and 35
25 and 40
30 and 35</td></tr>
</table>