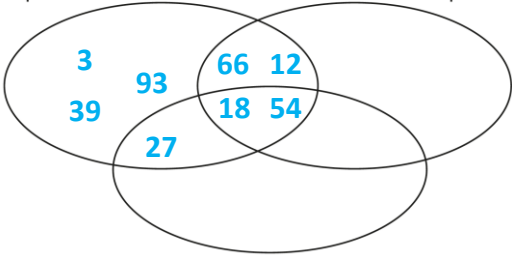


Question	Answer																																																																																																				
1	<p>a) <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>3</td><td>6</td><td>9</td><td>12</td><td>15</td><td>18</td><td>21</td></tr></table></p> <p><table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>6</td><td>12</td><td>18</td><td>24</td><td>30</td><td>36</td><td>42</td></tr></table></p> <p>The 6 times-table is double the 3 times-table.</p> <p>b) <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>3</td><td>6</td><td>9</td><td>12</td><td>15</td><td>18</td><td>21</td></tr></table></p> <p><table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>9</td><td>18</td><td>27</td><td>36</td><td>45</td><td>54</td><td>63</td></tr></table></p> <p>The 9 times-table is 3 times the 3 times-table.</p>	3	6	9	12	15	18	21	6	12	18	24	30	36	42	3	6	9	12	15	18	21	9	18	27	36	45	54	63																																																																								
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2	<p>a) 27 b) 21 c) 42 d) 4 e) 6 f) 8 g) 8 h) 8</p>																																																																																																				
3	<p>a), b), c)</p> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> <tr><td>31</td><td>32</td><td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>38</td><td>39</td><td>40</td></tr> <tr><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td><td>49</td><td>50</td></tr> <tr><td>51</td><td>52</td><td>53</td><td>54</td><td>55</td><td>56</td><td>57</td><td>58</td><td>59</td><td>60</td></tr> <tr><td>61</td><td>62</td><td>63</td><td>64</td><td>65</td><td>66</td><td>67</td><td>68</td><td>69</td><td>70</td></tr> <tr><td>71</td><td>72</td><td>73</td><td>74</td><td>75</td><td>76</td><td>77</td><td>78</td><td>79</td><td>80</td></tr> <tr><td>81</td><td>82</td><td>83</td><td>84</td><td>85</td><td>86</td><td>87</td><td>88</td><td>89</td><td>90</td></tr> <tr><td>91</td><td>92</td><td>93</td><td>94</td><td>95</td><td>96</td><td>97</td><td>98</td><td>99</td><td>100</td></tr> </table> <p>The multiples of 6 are all multiples of 3 The multiples of 9 are all multiples of 3</p>	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
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4	<p>a) Always true 9 is a multiple of 3, so any multiple of 9 is also a multiple of 3</p> <p>b) Sometimes true Even multiples of 3 are also multiples of 6, but odd multiples of 3 are not.</p> <p>c) Sometimes true For example, 18 is a multiple of 9, but 12 is not.</p>																																																																																																				

Y4 – Autumn – Block 4 – Step 6 – 3, 6 and 9 times-tables Answers (continued)

Question	Answer
5	<p> multiples of 3 multiples of 6 </p>  <p style="text-align: center;">multiples of 9</p>
6	<p>54</p> <p>Possible methods include:</p> <p>Work out how many muffins in total for each size of box and add them together.</p> <p>Work out $3 + 6 + 9$ and multiply the total by 3</p>
7	<p>No</p> <p>$36 \div 6 = 6$</p> <p>The answer to $36 \div 3$ needs to be halved.</p>
8	<p>a) 252</p> <p>b) 378</p>
9	<p>$6 \div 6 < 6 + 6 < 6 \times 3$</p>