

Y6 – Spring – Block 6 – Step 4 – Pie charts with percentages Answers

Question	Answer														
1	<p>a) carrots 6 peas 12 sweetcorn 18 cabbage 18 cauliflower 6</p> <p>b) 6 Either work out the number of children for each vegetable and then find the difference, or work out the difference in the percentages and then find the number.</p> <p>c) 30 Either work out the number of children for each vegetable and then find the difference, or work out the difference in the percentages and then find the number.</p>														
2	<table border="1" data-bbox="211 650 591 1017"> <thead> <tr> <th>Siblings</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>24</td> </tr> <tr> <td>1</td> <td>80</td> </tr> <tr> <td>2</td> <td>24</td> </tr> <tr> <td>3</td> <td>16</td> </tr> <tr> <td>4</td> <td>8</td> </tr> <tr> <td>5</td> <td>8</td> </tr> </tbody> </table>	Siblings	Frequency	0	24	1	80	2	24	3	16	4	8	5	8
Siblings	Frequency														
0	24														
1	80														
2	24														
3	16														
4	8														
5	8														
3	<p>a) 600</p> <p>b)</p> <table border="1" data-bbox="258 1106 638 1473"> <thead> <tr> <th>Colour of car</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>yellow</td> <td>30</td> </tr> <tr> <td>black</td> <td>114</td> </tr> <tr> <td>red</td> <td>60</td> </tr> <tr> <td>silver</td> <td>126</td> </tr> <tr> <td>white</td> <td>210</td> </tr> <tr> <td>blue</td> <td>60</td> </tr> </tbody> </table> <p>Check that the total of the frequencies is 600</p>	Colour of car	Frequency	yellow	30	black	114	red	60	silver	126	white	210	blue	60
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4	<p>a) No The totals for the pie charts are different. Sollom has 10% of 20 = 2 six-bedroom houses. Rufford has 5% of 1,000 = 50 six-bedroom houses.</p> <p>b) 49</p>														