









































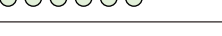



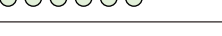


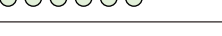














Y2 – Spring – Block 2 – Step 1 – Make tally charts Answers

Question	Answer															
1	a)  b)   c)  d)   															
2	<table border="1" data-bbox="211 379 758 561"> <thead> <tr> <th data-bbox="211 379 339 426">Sock</th> <th data-bbox="339 379 758 426">Tally</th> </tr> </thead> <tbody> <tr> <td data-bbox="211 426 339 474">spotty</td> <td data-bbox="339 426 758 474"></td> </tr> <tr> <td data-bbox="211 474 339 522">stripy</td> <td data-bbox="339 474 758 522"></td> </tr> <tr> <td data-bbox="211 522 339 561">plain</td> <td data-bbox="339 522 758 561"> </td> </tr> </tbody> </table>	Sock	Tally	spotty		stripy		plain								
Sock	Tally															
spotty																
stripy																
plain																
3	drawing of 4 pencils and 9 rubbers															
4	a) <table border="1" data-bbox="261 685 791 913"> <thead> <tr> <th data-bbox="261 685 436 733">Shape</th> <th data-bbox="436 685 615 733">Tally</th> <th data-bbox="615 685 791 733">Total</th> </tr> </thead> <tbody> <tr> <td data-bbox="261 733 436 781">square</td> <td data-bbox="436 733 615 781"></td> <td data-bbox="615 733 791 781">4</td> </tr> <tr> <td data-bbox="261 781 436 828">circle</td> <td data-bbox="436 781 615 828"></td> <td data-bbox="615 781 791 828">5</td> </tr> <tr> <td data-bbox="261 828 436 876">triangle</td> <td data-bbox="436 828 615 876"> </td> <td data-bbox="615 828 791 876">8</td> </tr> <tr> <td data-bbox="261 876 436 913">rectangle</td> <td data-bbox="436 876 615 913"> </td> <td data-bbox="615 876 791 913">1</td> </tr> </tbody> </table> b) Children could cross off each shape after they have tallied it.	Shape	Tally	Total	square		4	circle		5	triangle	 	8	rectangle		1
Shape	Tally	Total														
square		4														
circle		5														
triangle	 	8														
rectangle		1														
5	a) No. Her total is $5 + 1 = 6$ b) He could do a cross tally each time he reaches 5:  															
6	child's tally chart															

Question	Answer										
1	<p>a)</p> <table border="1" data-bbox="258 188 601 441"> <thead> <tr> <th data-bbox="258 188 386 223">Shape</th> <th data-bbox="389 188 601 223"></th> </tr> </thead> <tbody> <tr> <td data-bbox="258 225 386 277">Square</td> <td data-bbox="389 225 601 277">X X X</td> </tr> <tr> <td data-bbox="258 279 386 331">Rectangle</td> <td data-bbox="389 279 601 331">X X X</td> </tr> <tr> <td data-bbox="258 333 386 385">Circle</td> <td data-bbox="389 333 601 385">X X X X X X</td> </tr> <tr> <td data-bbox="258 387 386 441">Triangle</td> <td data-bbox="389 387 601 441">X</td> </tr> </tbody> </table> <p style="text-align: right; margin-right: 100px;">Key X = 1 shape</p> <p>b) They are the same.</p>	Shape		Square	X X X	Rectangle	X X X	Circle	X X X X X X	Triangle	X
Shape											
Square	X X X										
Rectangle	X X X										
Circle	X X X X X X										
Triangle	X										
2	<p>a)</p> <table border="1" data-bbox="258 532 575 866"> <thead> <tr> <th data-bbox="258 532 386 567">Animal</th> <th data-bbox="389 532 575 567"></th> </tr> </thead> <tbody> <tr> <td data-bbox="258 569 386 669">Lion</td> <td data-bbox="389 569 575 669">  </td> </tr> <tr> <td data-bbox="258 671 386 770">Elephant</td> <td data-bbox="389 671 575 770">  </td> </tr> <tr> <td data-bbox="258 772 386 866">Giraffe</td> <td data-bbox="389 772 575 866">  </td> </tr> </tbody> </table> <p style="text-align: right; margin-right: 100px;">Key  = 1 animal</p> <p>b) Children could cross off each animal as they put it into the pictogram.</p>	Animal		Lion		Elephant		Giraffe			
Animal											
Lion											
Elephant											
Giraffe											
3	<p>a)</p> <table border="1" data-bbox="258 951 608 1127"> <thead> <tr> <th data-bbox="258 951 386 986">Item</th> <th data-bbox="389 951 608 986"></th> </tr> </thead> <tbody> <tr> <td data-bbox="258 988 386 1040">Pencils</td> <td data-bbox="389 988 608 1040">  </td> </tr> <tr> <td data-bbox="258 1042 386 1094">Rubbers</td> <td data-bbox="389 1042 608 1094">  </td> </tr> <tr> <td data-bbox="258 1096 386 1127">Rulers</td> <td data-bbox="389 1096 608 1127">  </td> </tr> </tbody> </table> <p style="text-align: right; margin-right: 100px;">Key  = 1 item</p> <p>b) Mo has used a different symbol for each item, and his symbols are different sizes. Use the same size green circle for all items and space the same.</p>	Item		Pencils		Rubbers		Rulers			
Item											
Pencils											
Rubbers											
Rulers											
4	<p>a)</p> <table border="1" data-bbox="258 1257 772 1591"> <thead> <tr> <th data-bbox="258 1257 411 1292">Flower</th> <th data-bbox="414 1257 772 1292"></th> </tr> </thead> <tbody> <tr> <td data-bbox="258 1295 411 1369">Sunflowers</td> <td data-bbox="414 1295 772 1369">  </td> </tr> <tr> <td data-bbox="258 1371 411 1446">Daffodils</td> <td data-bbox="414 1371 772 1446">  </td> </tr> <tr> <td data-bbox="258 1448 411 1522">Daisies</td> <td data-bbox="414 1448 772 1522">  </td> </tr> <tr> <td data-bbox="258 1524 411 1591">Tulips</td> <td data-bbox="414 1524 772 1591">  </td> </tr> </tbody> </table> <p>b) 16</p>	Flower		Sunflowers		Daffodils		Daisies		Tulips	
Flower											
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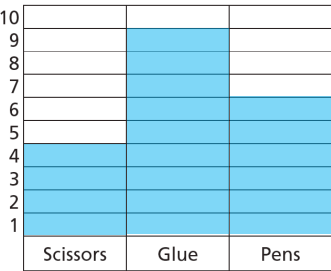
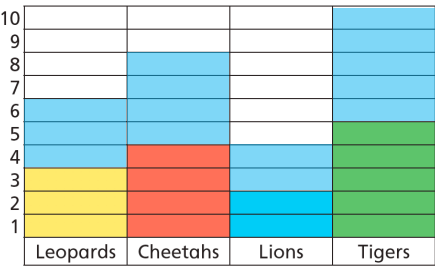
Y2 – Spring – Block 2 – Step 3 – Interpret pictograms (1-1) Answers

Question	Answer										
1	a) fish chicken spaghetti ✓ salad b) fish chicken ✓ spaghetti salad c) 0										
2	a) Class 2 saw 5 butterflies. Class 2 saw 2 bees. Class 2 saw 0 caterpillars. Altogether, class 2 saw 7 insects. b) It would be hard to draw all the bees at a beehive.										
3	a) 12 b) 1 c) 4 Look at the difference between the rows.										
4	a) multiple possible answers. e.g.: <table border="1" data-bbox="262 799 848 1079"> <tbody> <tr> <td style="text-align: center;">●</td> <td></td> <td style="text-align: center;">● ●</td> <td style="text-align: center;">● ● ●</td> <td style="text-align: center;">● ●</td> </tr> <tr> <td style="text-align: center;">Grape</td> <td style="text-align: center;">Melon</td> <td style="text-align: center;">Apple</td> <td style="text-align: center;">Plum</td> <td style="text-align: center;">Pear</td> </tr> </tbody> </table> b) ● = 1 vote	●		● ●	● ● ●	● ●	Grape	Melon	Apple	Plum	Pear
●		● ●	● ● ●	● ●							
Grape	Melon	Apple	Plum	Pear							

Question	Answer																												
1	<p>a)</p> <table border="1" data-bbox="264 192 768 385"> <thead> <tr> <th>Fruit</th> <th>Tally</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Apples</td> <td> I</td> <td>6</td> </tr> <tr> <td>Oranges</td> <td> </td> <td>10</td> </tr> <tr> <td>Bananas</td> <td> II</td> <td>12</td> </tr> </tbody> </table> <p>b)</p> <p style="text-align: center;">Key ● = 1 piece of fruit</p> <table border="1" data-bbox="264 457 768 658"> <thead> <tr> <th>Fruit</th> <th></th> </tr> </thead> <tbody> <tr> <td>Apples</td> <td>● ● ● ● ● ●</td> </tr> <tr> <td>Oranges</td> <td>● ● ● ● ● ● ● ● ● ●</td> </tr> <tr> <td>Bananas</td> <td>● ● ● ● ● ● ● ● ● ● ● ●</td> </tr> </tbody> </table> <p>c)</p> <p style="text-align: center;">Key ● = 2 pieces of fruit</p> <table border="1" data-bbox="264 731 768 932"> <thead> <tr> <th>Fruit</th> <th></th> </tr> </thead> <tbody> <tr> <td>Apples</td> <td>● ● ●</td> </tr> <tr> <td>Oranges</td> <td>● ● ● ● ●</td> </tr> <tr> <td>Bananas</td> <td>● ● ● ● ● ●</td> </tr> </tbody> </table> <p>d) It is easier to compare the numbers on Tommy's pictogram, but we need to remember to multiply the values by 2</p>	Fruit	Tally	Total	Apples	I	6	Oranges		10	Bananas	II	12	Fruit		Apples	● ● ● ● ● ●	Oranges	● ● ● ● ● ● ● ● ● ●	Bananas	● ● ● ● ● ● ● ● ● ● ● ●	Fruit		Apples	● ● ●	Oranges	● ● ● ● ●	Bananas	● ● ● ● ● ●
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2	<p>a)</p> <table border="1" data-bbox="264 1067 585 1268"> <thead> <tr> <th>Sport</th> <th></th> </tr> </thead> <tbody> <tr> <td>Tennis</td> <td>●</td> </tr> <tr> <td>Football</td> <td>● ● ● ●</td> </tr> <tr> <td>Netball</td> <td>● ●</td> </tr> </tbody> </table> <p style="text-align: center;">Key ● = 5 votes</p> <p>b)</p> <table border="1" data-bbox="264 1290 585 1491"> <thead> <tr> <th>Sport</th> <th></th> </tr> </thead> <tbody> <tr> <td>Tennis</td> <td>◐</td> </tr> <tr> <td>Football</td> <td>● ●</td> </tr> <tr> <td>Netball</td> <td>●</td> </tr> </tbody> </table> <p style="text-align: center;">Key ● = 10 votes</p>	Sport		Tennis	●	Football	● ● ● ●	Netball	● ●	Sport		Tennis	◐	Football	● ●	Netball	●												
Sport																													
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Football	● ●																												
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3	<p>a) different possible answers, e.g.:</p> <table border="1" data-bbox="264 1560 759 1757"> <thead> <tr> <th>Weather</th> <th></th> </tr> </thead> <tbody> <tr> <td>Sun</td> <td>● ● ●</td> </tr> <tr> <td>Cloud</td> <td>●</td> </tr> <tr> <td>Rain</td> <td>● ◐</td> </tr> </tbody> </table> <p style="text-align: center;">Key ● = 10 days</p> <p>The other likely answer is choosing a symbol to represent 5 days: sun 6 symbols; cloud 2 symbols; rain 3 symbols</p> <p>b) The information shown is the same, but the number of days represented by each symbol may be different.</p>	Weather		Sun	● ● ●	Cloud	●	Rain	● ◐																				
Weather																													
Sun	● ● ●																												
Cloud	●																												
Rain	● ◐																												

Y2 – Spring – Block 2 – Step 5 – Interpret pictograms (2, 5 and 10) Answers

Question	Answer
1	<p>a) Dora scores 4 goals. Dexter scores 8 goals. Jack scores 10 goals.</p> <p>b) 22</p> <p>c) 2</p> <p>d) possible methods include: Subtract 8 from 10 See from the pictogram that Jack has one more basketball than Dexter, so scores 2 more goals.</p>
2	<p>a) Coach 1 Coach 2 They have the same ✓</p> <p>b) Coach 1 Coach 2 ✓ They have the same</p> <p>c) 60</p> <p>d) 20</p> <p>e) 20</p> <p>f) possible methods include: Subtract 40 from 60 See from the pictogram that there are 2 more symbols for girls, and convert these to number of girls.</p>
3	<p>a) There are more leopards than lions. There are fewer lions than cheetahs.</p> <p>b) No. There are 2 symbols for lions and 4 for cheetahs, which together make 6 symbols. There are only 5 symbols for tigers.</p> <p>c) Yes. The symbol represents the same number in each row of the pictogram.</p>

Question	Answer
1	<p>a) yellow b) 9 c) red d) 9 e) 2 f) 6 g) possible methods include: Work out the total for each colour and subtract. Count the difference in the number of blocks.</p>
2	<p>a) <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>b) children's towers of 4, 9 and 6 cubes</p> <p>c) </p>
3	<p>a) She has taken each symbol in the pictogram to represent 1 big cat, but the key shows that one symbol represents 2 big cats.</p> <p>b) </p>