




























































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

Question	Answer															
1	a)  b)   c)  d)   															
2	<table border="1"> <thead> <tr> <th>Sock</th> <th>Tally</th> </tr> </thead> <tbody> <tr> <td>spotty</td> <td></td> </tr> <tr> <td>stripy</td> <td></td> </tr> <tr> <td>plain</td> <td> </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"> <thead> <tr> <th>Shape</th> <th>Tally</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>square</td> <td></td> <td>4</td> </tr> <tr> <td>circle</td> <td></td> <td>5</td> </tr> <tr> <td>triangle</td> <td> </td> <td>8</td> </tr> <tr> <td>rectangle</td> <td> </td> <td>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="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	●												
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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	● ◐																				
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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	a) Saturday b) Monday, Friday c) 10 d) 10 e) No. 19 symbols for Monday to Friday, 17 symbols for Saturday and Sunday 95 ice creams sold Monday to Friday, 85 ice creams sold Saturday to Sunday										
2	a) 10 b) 9 c) 36 d) child's question about the pictogram, together with the answer										
3	a) Key  = 2 pets <table border="1" data-bbox="259 758 862 1156" style="margin-left: 20px;"> <thead> <tr> <th style="background-color: #d8bfd8;">Pets</th> <th style="background-color: #d8bfd8;">Children</th> </tr> </thead> <tbody> <tr> <td>0 pets</td> <td></td> </tr> <tr> <td>1 pet</td> <td></td> </tr> <tr> <td>2 pets</td> <td></td> </tr> <tr> <td>3 or more pets</td> <td></td> </tr> </tbody> </table> b) 4 symbols represents 8 pets.	Pets	Children	0 pets		1 pet		2 pets		3 or more pets	
Pets	Children										
0 pets											
1 pet											
2 pets											
3 or more pets											
4	a) multiple possible answers, e.g.:  = 10 minutes b) <table border="1" data-bbox="259 1342 1209 1902" style="margin-left: 20px;"> <tbody> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"></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;">Monday</td> <td style="text-align: center;">Tuesday</td> <td style="text-align: center;">Wednesday</td> <td style="text-align: center;">Thursday</td> <td style="text-align: center;">Friday</td> </tr> </tbody> </table> c) Some children may have chosen for one symbol to represent 20 minutes.						Monday	Tuesday	Wednesday	Thursday	Friday
											
Monday	Tuesday	Wednesday	Thursday	Friday							

Question	Answer
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1

- a) apple
- b) It is the tallest bar.
- c) orange
- d) 4
- e) 26

2

a)

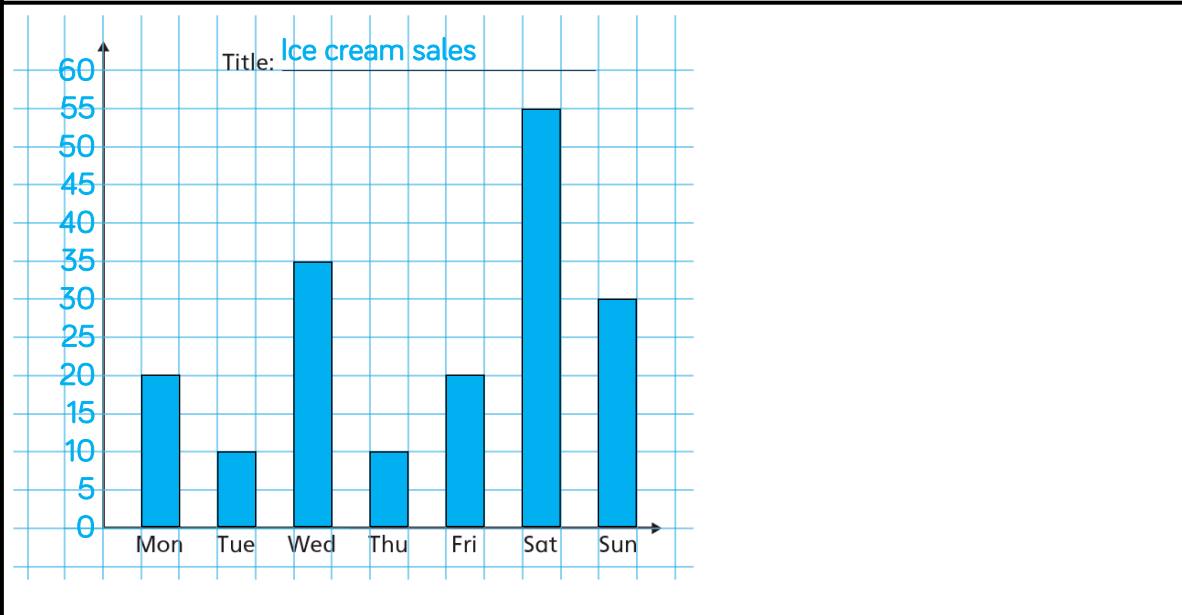
Method	Tally	Total
Walk		14
Bike		3
Car		8
Bus		7

b)

Method	Number of Children
walk	14
bike	3
car	8
bus	7

c) Children need to explain why they prefer one chart to the other.

3



4

- a) No.
The scale is different on the two charts. Germany won 18 gold medals at the Summer Olympics and 14 gold medals at the Winter Olympics.
- b) USA

Y3 – Spring – Block 3 – Step 3 – Tables Answers

Question	Answer
1	<p>a) $15 + 11 = 26$ children</p> <p>b) Thursday number of girls + number of boys = 27</p> <p>c) 12</p> <p>d) 15</p> <p>e) They do not go to school on Saturday and Sunday.</p> <p>f) girls 14 or 15 of the girls attended every day, so either they were all there or only 1 girl was absent. On some days, 2 boys were absent.</p>
2	<p>a) August It is the summer holidays.</p> <p>b) term 1</p>
3	<p>a) salted</p> <p>b) salt and vinegar</p> <p>c) 10</p> <p>d) 12:00 to 15:00</p>
4	<p>a) 261</p> <p>b) 136</p> <p>c) 123</p> <p>d) Thursday The greatest number are sold on that day.</p>