

Name:



Maths Assessment Year 2 Term 2: Statistics

1. Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
2. Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.
3. Ask and answer questions about totalling and comparing categorical data.

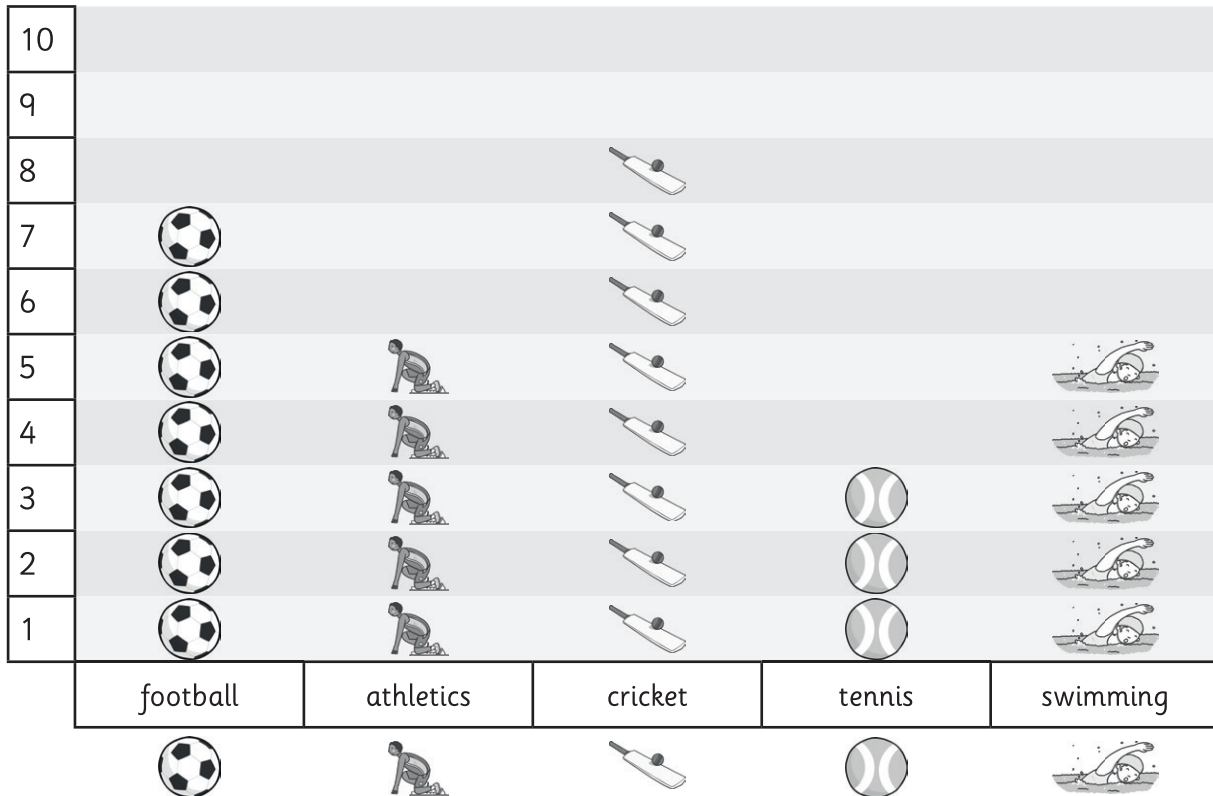
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This pictogram shows class 1's favourite sport.



- a) How many children chose cricket?
- b) Which sports are equally popular?
- c) Which is the least popular sport?
- d) How many more children chose football than tennis?
- e) How many children are in Class 1?

f) Some children did a sponsored swim to raise money for new books for school. Fill in the gaps in the tally chart about class 3.

	Books	Total
Devon		
Ellie		3
Richard		
Ali		19
		

Write 2 different questions you could ask someone about this tally chart information.



5 marks



1 mark



1 mark



Total for this page

This table shows the expected average life span and the average weight of various animals.

Name of animal	Expected average lifespan (years)	Average weight
Lion	35	175 kg
Goat	15	27 kg
Horse	40	400 kg
Cow	22	725 kg
Pig	25	70 kg

g) Which is the heaviest mammal?

h) Which has the shortest expected lifespan?

i) How much heavier is a pig than a goat?

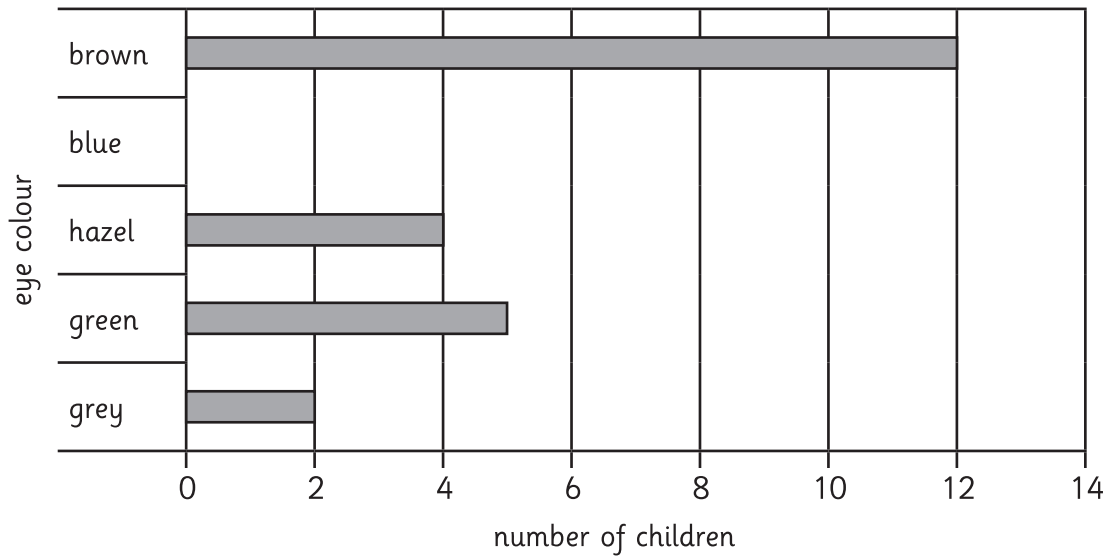
j) How much longer is a horse expected to live than a cow?

k) A lion in a zoo lived until it was 42 years old. How much longer was this than the average lifespan of a lion?

5 marks

Total for this page

Bar Chart to show the eye colour of children in Year 2



l) 7 children have blue eyes. Draw in the bar to show this.

m) How many more children have brown eyes than green and grey together?

n) How many children are in the class?



3 marks



Total for this page

question	answer	marks	notes																		
<p>1. Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.</p> <p>2. Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.</p> <p>3. Ask and answer questions about totalling and comparing categorical data.</p>																					
a	8	1																			
b	Athletics and swimming	1																			
c	Tennis	1																			
d	4	1																			
e	28	1																			
f	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Books</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Devon</td> <td></td> <td>15</td> </tr> <tr> <td>Ellie</td> <td></td> <td>3</td> </tr> <tr> <td>Richard</td> <td></td> <td>12</td> </tr> <tr> <td>Ali</td> <td></td> <td>19</td> </tr> <tr> <td>Usma</td> <td></td> <td>3</td> </tr> </tbody> </table> <p>One mark for each relevant question asked</p>		Books	Total	Devon		15	Ellie		3	Richard		12	Ali		19	Usma		3	7	<p>Accept any reasonable questions which can be asked from the information in the tally chart.</p> <p>Award 1 mark for each different type of question e.g. award only 1 mark for the questions - How many books does Devon have? How many books does Usma have?</p>
	Books	Total																			
Devon		15																			
Ellie		3																			
Richard		12																			
Ali		19																			
Usma		3																			
g	Cow	1	Also accept 725g.																		
h	Goat	1	Also accept 15 (years).																		
i	43 kg	1																			
j	18 years	1																			
k	7 years	1																			
l	Bar should be half way between 6 and 8.	1																			
m	5	1																			
n	30	1																			
		Total 20																			