Test - Bar charts, pictograms and tables

Year: Year 3 · Duration: 30 minutes · /20

Name:	Date:	**Mark: /20**

Question	1	2	3	4	5	Total
marks	4	4	4	4	4	**20**
Mark						

Show your working.

Question 1 (4 marks)

Question 1 – Pictogram

One symbol stands for 6 children. The table shows the number of symbols: football 4, hockey 2, netball 3.

a. How many children chose football? (1 mark)
b. How many children chose netball? (1 mark)
c. How many more chose football than hockey? (2 marks)

Question 2 (4 marks)

Question 2 – Table

The table shows the number of cars passing the school each hour.

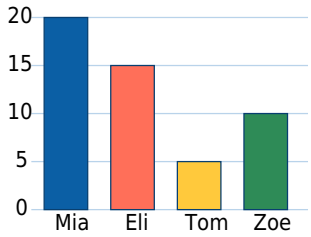
Time	Cars
9 am	35
10 am	28
11 am	18

a. How many cars passed at 9 am? (1 mark)
b. At which time were there the fewest cars? (1 mark)
c. How many cars passed in the three hours? (2 marks)

Question 3 (4 marks)

Question 3 – Bar chart

The bar chart shows the number of books read by four children.



a. How many books did Mia read? (1 mark)
b. Who read the fewest books? (1 mark)
c. How many more books did Mia read than Eli? (1 mark)
d. How many books did the four children read in total? (1 mark)

Question 4 (4 marks)

Question 4 – Choose a scale

The numbers of children in four clubs are 24, 16, 8 and 12.

a. Which scale would you use on a bar chart: steps of 1, 4 or 20? Explain. (2 marks)
b. Write the tally for the number 12. (1 mark)
c. How many children in total? (1 mark)

Question 5 (4 marks)

Question 5 – Problem: the school survey

A survey asks 50 children how they get to school. 22 walk, 14 come by car and 6 cycle. The rest come by bus.

a. How many come by bus? (2 marks)
b. How many more children walk than cycle? (1 mark)
c. Draw a pictogram. One symbol stands for 2 children. How many symbols for walking? (1 mark)