



KS2.M-Y3S1 Statistics: Bar Charts and Tables

Calculators not allowed · about 40 minutes

Total Marks

Name: _____ Date: ____ / ____ / ____

Answer ALL questions. Show all your working.

- 1** Here is a table showing the number of apples picked by each child.

Name	Apples
Amelia	4
Noah	2
Priya	5
Kwame	3

Write the number of apples picked by Priya.

(1)

- 2** A pictogram uses one apple symbol to mean 2 apples. The pictogram shows 3 apples for Erin and 4 apples for Yusuf. How many apples did Yusuf pick?

(1)

- 3** Complete the missing entry in the table.

Item	Count
Stickers	7
Badges	?

If there are 12 items in total and 7 are stickers, how many badges are there?

(1)

- 4** A bar chart shows how many pets each child has. The bars show: Amelia 2, Noah 3, Priya 1, Kwame 4. Which child has the most pets?

(1)

- 5** Look at this frequency table for coloured cars on a street.

Colour	Number
Red	6
Blue	4
Green	3

How many cars are blue or green altogether?

(1)

- 6** A pictogram uses one circle to mean 3 children. The pictogram shows 2 circles for football, 1 circle for tennis and 3 circles for swimming. How many children chose swimming?

(1)

- 7** Draw a bar to show 5 for the value 'Books' on this blank bar chart grid. (Write how tall the bar should be in number of squares.)

(1)

- 8** Here is a table showing how many biscuits were eaten each day.

Day	Biscuits
Mon	3
Tue	5
Wed	4
Thu	2
Fri	6

How many biscuits were eaten from Mon to Wed inclusive?

(1)

- 9** A class recorded favourite fruit. The table shows:
Apple 8, Banana 6, Orange 4. Complete the bar chart using these counts. What height should the bar for Banana be?

(1)

- 10** The tally chart for pets shows: |||| (4) for cats, ||||| || (7) for dogs, ||| (3) for rabbits. How many more dogs than cats are there?

(1)

- 11** A pictogram uses one star to mean 4 stickers. The pictogram shows 5 stars for Lily and 2 stars for Omar. How many more stickers does Lily have than Omar?

(1)

- 12** Here is a table of the number of pupils who walked, cycled or came by car to school one day.
Walked 9, Cycled 3, Car 6.
What is the total number of pupils recorded?

(1)

- 13** The bar chart shows the number of cups of juice sold each hour:
9am 2, 10am 4, 11am 7, 12pm 5.
Which hour had the second highest sales?

(1)

-
- 14** A table shows the count of pets: Cats 5, Dogs 8, Fish 2. If two more fish are added, write the new total for fish and the new overall total.

(a) New number of fish after adding two more.

(1)

(b) New overall total of pets after the two fish are added.

(1)

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- 15** A pictogram uses one circle to mean 2 pencils. The pictogram shows 4 circles for Sam and 1 circle for Mia. How many pencils does Sam have?

(1)

-
- 16** A small bar chart shows counts for colours of ribbons: Red 3, Blue 5, Yellow 2. Which colour has the least ribbons?

(1)

-
- 17** Here is a table of toys sold at a sale:
Cars 6, Dolls 6, Blocks 6.
Explain which toy was the most popular and why.

(2)

- 18** A pictogram uses one square to mean 3 stickers. The pictogram shows 2 squares for Aisha and 3 squares for Ben. Who has more stickers and by how many? Explain your answer.

(2)

Mark scheme · KS2.M-Y3S1 Statistics: Bar Charts and Tables

Question 1

- B1 5 cao
- Answer: **5**

Question 2

- B1 8 cao
- Answer: **8**

Question 3

- B1 5 cao
- Answer: **5**

Question 4

- B1 Kwame cao
- Answer: **Kwame**

Question 5

- B1 7 cao
- Answer: **7**

Question 6

- B1 9 cao
- Answer: **9**

Question 7

- B1 5 squares cao
- Answer: **5**

Question 8

- B1 12 cao
- Answer: **12**

Question 9

- B1 6 squares cao
- Answer: **6**

Question 10

- B1 3 cao
- Answer: **3**

Question 11

- B1 12 cao
- Answer: **12**

Question 12

- B1 18 cao
- Answer: **18**

Question 13

- B1 12pm cao
- Answer: **12pm**

Question 14

- (a) **B1** 4 cao
- (a) Answer: **4**
- (b) **B1** 17 cao
- (b) Answer: **17**

Question 15

- **B1** 8 cao
- Answer: **8**

Question 16

- **B1** Yellow cao
- Answer: **Yellow**

Question 17

- **M1** States that all toys have the same number sold or gives correct equal counts (6, 6, 6) ft
- **A1** Concludes that no toy is most popular because they are all equal cao
- Answer: **No toy is most popular because cars, dolls and blocks each sold 6**

Question 18

- **M1** Correctly converts squares to numbers, e.g. Aisha 6, Ben 9 or shows 2×3 and 3×3
- **A1** States Ben has 3 more stickers ($9 - 6 = 3$) cao
- Answer: **Ben by 3**