9.2 Statistics: Bar Charts and Tables: 30-minute Pack

Total Marks

Calculators not allowed · about 30 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 A school club survey is shown.

Boys: 15 chose Art, 6 chose Music
Girls: 24 chose Art, 20 chose Music

How many pupils were surveyed altogether?

Answer: ___

(3)

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2 The table shows the points scored for four groups.

Bus: 87
Car: 41
Walk: 33
Bike: 37

What is the difference between the highest and the lowest points?

Answer: ___

(2)

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3 The table shows the tickets sold for four groups.

Red: 22
Blue: 65
Green: 79
Yellow: 21

What is the total for all four groups?

Answer: ___

(3)

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4 The table shows the points scored for four groups.

Red: 67
Blue: 37
Green: 76
Yellow: 13

What is the difference between the highest and the lowest points?

Answer: ___

(2)

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5 In a class of 27 pupils, 19 like cheese, 6 like ham and 4 like both.

How many pupils like neither?

Answer: ___

(2)

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6 In a class of 38 pupils, 29 like tea, 16 like coffee and 10 like both.

How many pupils like neither?

Answer: ___

(2)

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7 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)

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8 Part of a train timetable is shown.

Hollin: 12:40
Ashby: 13:05
Eastleigh: 13:31
Fenwick: 14:01

How many minutes does the train take to travel from Hollin to Eastleigh?

Answer: ___ minutes

(1)

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9 The table shows the number of books borrowed for four groups.

Bus: 14
Car: 9
Walk: 65
Bike: 46

What is the difference between the highest and the lowest books?

Answer: ___

(2)

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10 Part of a train timetable is shown.

Fenwick: 07:00
Bridgton: 07:11
Eastleigh: 07:24
Grange: 07:57

How many minutes does the train take to travel from Fenwick to Bridgton?

Answer: ___ minutes

(2)

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11 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)

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12 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)

---

13 The table shows the litres of rain for four groups.

Bus: 87
Car: 43
Walk: 57
Bike: 23

How many litres were there for Bike?

Answer: ___

(1)

---

14 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)

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Mark scheme · 9.2 Statistics: Bar Charts and Tables: 30-minute Pack

A correct answer earns full marks unless the question asks for working, a method, proof or explanation.

Question 1

adds the boys	M1
adds all four	M1
65 cao	A1

Answer: **65**

Question 2

identifies the highest and lowest	M1
54 cao	A1

Answer: **54**

Question 3

adds at least two values	M1
adds all four values	M1
187 cao	A1

Answer: **187**

Question 4

identifies the highest and lowest	M1
63 cao	A1

Answer: **63**

Question 5

19 + 6 - 4 = 21 seen	M1
6 cao	A1

Answer: **6**

Question 6

29 + 16 - 10 = 35 seen	M1
3 cao	A1

Answer: **3**

Question 7

12 cao	B1

Answer: **12**

Question 8

51 minutes cao	B1

Answer: **51 minutes**

Question 9

identifies the highest and lowest	M1
56 cao	A1

Answer: **56**

Question 10

finds the difference between the two times (counting on or subtracting)	M1
11 minutes cao	A1

Answer: **11 minutes**

Question 11

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

Answer: **Ben by 3**

Question 12

5 cao	B1

Answer: **5**

Question 13

23 cao	B1

Answer: **23**

Question 14

Kwame cao	B1

Answer: **Kwame**

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