9.2 Statistics: Bar Charts and Tables: 1-hour Pack

Total Marks

Calculators not allowed · about 60 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

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

Mon: 82
Tue: 54
Wed: 53
Thu: 78

What is the total for all four groups?

Answer: ___

(1)

---

2 The table shows the points scored for four groups.

Bus: 40
Car: 89
Walk: 42
Bike: 87

What is the total for all four groups?

Answer: ___

(2)

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

Cats: 83
Dogs: 42
Fish: 21
Birds: 17

How many more books were there for Dogs than for Birds?

Answer: ___

(2)

---

4 The table shows the number of visitors for four groups.

Year 3: 35
Year 4: 65
Year 5: 19
Year 6: 73

What is the total for all four groups?

Answer: ___

(1)

---

5 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)

---

6 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)

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7 A school club survey is shown.

Boys: 5 chose Chess, 11 chose Drama
Girls: 16 chose Chess, 18 chose Drama

How many pupils chose Chess?

Answer: ___

(2)

---

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

(1)

---

9 Part of a train timetable is shown.

Eastleigh: 08:05
Bridgton: 08:25
Hollin: 08:48
Ashby: 08:59

Hana arrives at Bridgton station at 08:05.

How many minutes must they wait for the train?

Answer: ___ minutes

(2)

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10 In a class of 31 pupils, 13 like football, 18 like netball and 8 like both.

How many pupils like neither?

Answer: ___

(2)

---

11 A pictogram uses (*) for 4 items and (half) for 2 items.

Bus: (*) (*) (*) (*) (*) (half)
Car: (*) (*) (*) (*) (*) (half)
Walk: (*) (*)

How many items are shown altogether?

Answer: ___

(3)

---

12 The table shows the number of visitors for four groups.

Spring: 12
Summer: 33
Autumn: 32
Winter: 21

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

Answer: ___

(2)

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13 In a class of 34 pupils, 9 like swimming, 9 like cycling and 3 like both.

How many pupils like neither?

Answer: ___

(2)

---

14 A school club survey is shown.

Boys: 30 chose Swimming, 12 chose Tennis
Girls: 14 chose Swimming, 17 chose Tennis

How many pupils were surveyed altogether?

Answer: ___

(3)

---

15 In a class of 37 pupils, 22 like art, 28 like music and 16 like both.

How many pupils like neither?

Answer: ___

(2)

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16 The table shows the points scored for four groups.

Cats: 67
Dogs: 54
Fish: 37
Birds: 63

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

Answer: ___

(2)

---

17 A school club survey is shown.

Boys: 11 chose Football, 21 chose Netball
Girls: 5 chose Football, 19 chose Netball

How many pupils were surveyed altogether?

Answer: ___

(3)

---

18 A school club survey is shown.

Boys: 26 chose Swimming, 25 chose Tennis
Girls: 19 chose Swimming, 10 chose Tennis

How many more pupils chose Swimming than Tennis?

Answer: ___

(2)

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19 A school club survey is shown.

Boys: 26 chose Football, 28 chose Netball
Girls: 13 chose Football, 27 chose Netball

How many pupils chose Football?

Answer: ___

(2)

---

20 The table shows the number of visitors for four groups.

Mon: 17
Tue: 54
Wed: 46
Thu: 30

How many visitors were there for Wed?

Answer: ___

(1)

---

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

North: 43
South: 62
East: 8
West: 44

How many litres were there for South and West together?

Answer: ___

(1)

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22 The table shows the tickets sold for four groups.

Bus: 62
Car: 75
Walk: 47
Bike: 37

How many tickets were there for Car and Walk together?

Answer: ___

(2)

---

23 The table shows the number of visitors for four groups.

Year 3: 25
Year 4: 83
Year 5: 82
Year 6: 76

How many visitors were there for Year 6 and Year 4 together?

Answer: ___

(1)

---

24 The table shows the tickets sold for four groups.

Bus: 8
Car: 44
Walk: 22
Bike: 89

How many tickets were there for Bike?

Answer: ___

(1)

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25 A school club survey is shown.

Boys: 23 chose Football, 12 chose Netball
Girls: 23 chose Football, 5 chose Netball

How many pupils were surveyed altogether?

Answer: ___

(3)

---

26 Part of a train timetable is shown.

Grange: 06:15
Eastleigh: 06:50
Carlow: 07:09
Hollin: 07:21

Lily arrives at Grange station at 05:56.

How many minutes must they wait for the train?

Answer: ___ minutes

(2)

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27 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)

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Mark scheme · 9.2 Statistics: Bar Charts and Tables: 1-hour Pack

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

Question 1

267 cao	B1

Answer: **267**

Question 2

adds at least two values	M1
258 cao	A1

Answer: **258**

Question 3

subtraction seen	M1
25 cao	A1

Answer: **25**

Question 4

192 cao	B1

Answer: **192**

Question 5

18 cao	B1

Answer: **18**

Question 6

8 cao	B1

Answer: **8**

Question 7

adds the boys and girls	M1
21 cao	A1

Answer: **21**

Question 8

8 cao	B1

Answer: **8**

Question 9

finds the wait between arriving and the departure time (counting on or subtracting)	M1
20 minutes cao	A1

Answer: **20 minutes**

Question 10

13 + 18 - 8 = 23 seen	M1
8 cao	A1

Answer: **8**

Question 11

uses the key	M1
adds the three values	M1
52 cao	A1

Answer: **52**

Question 12

identifies the highest and lowest	M1
21 cao	A1

Answer: **21**

Question 13

9 + 9 - 3 = 15 seen	M1
19 cao	A1

Answer: **19**

Question 14

adds the boys	M1
adds all four	M1
73 cao	A1

Answer: **73**

Question 15

22 + 28 - 16 = 34 seen	M1
3 cao	A1

Answer: **3**

Question 16

identifies the highest and lowest	M1
30 cao	A1

Answer: **30**

Question 17

adds the boys	M1
adds all four	M1
56 cao	A1

Answer: **56**

Question 18

both totals found	M1
10 cao	A1

Answer: **10**

Question 19

adds the boys and girls	M1
39 cao	A1

Answer: **39**

Question 20

46 cao	B1

Answer: **46**

Question 21

106 cao	B1

Answer: **106**

Question 22

addition seen	M1
122 cao	A1

Answer: **122**

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Question 23

159 cao	**B1**

Answer: **159**

Question 24

89 cao	**B1**

Answer: **89**

Question 25

adds the boys	**M1**
adds all four	**M1**
63 cao	**A1**

Answer: **63**

Question 26

finds the wait between arriving and the departure time (counting on or subtracting)	**M1**
19 minutes cao	**A1**

Answer: **19 minutes**

Question 27

9 cao	**B1**

Answer: **9**

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