Reading data from tables

Grade 1 | Worked solutions

GCSE Statistics topic practice

1 The table shows the results of four teams in a football league.

Team	Won	Drawn	Lost
Rovers	6	3	1
United	4	2	4
City	5	4	1
Athletic	2	3	5

a. How many games have Rovers won? (1)

b. Write down the team that has lost the most games. (1)

c. Work out how many games Athletic have played. (1)

(3 marks)

a) Rovers row, Won column

6

b) the highest number in the Lost column is 5

Athletic

c) won + drawn + lost

2 + 3 + 5 = 10

a) 6 b) Athletic c) 10

2 The table shows the total rainfall and the total hours of sunshine in a town for each of five months.

Month	Rainfall (mm)	Sunshine (hours)
April	52	155
May	48	190
June	60	205
July	45	212
August	71	180

a. Write down the month with the most rainfall. (1)

b. How many more hours of sunshine were there in July than in April? (1)

c. Work out the total rainfall in May and June. (1)

d. Zara says, "The month with the most sunshine was also the month with the least rainfall."
Is Zara correct? Give a reason for your answer. (1)

(4 marks)

a)

Highest rainfall is 71 mm

August

Free for classroom and home use: print, photocopy and share. Not for resale or re-hosting.

b)

212 − 155 = 57

57 hours

c)

48 + 60 = 108

108 mm

d)

Most sunshine is 212 hours, in July

Least rainfall is 45 mm, in July

Same month, so Zara is correct

a) August b) 57 hours c) 108 mm d) Yes, both are July

3 The table shows the number of tickets sold at a castle on three days.

Day	Adult	Child	Senior
Friday	34	28	19
Saturday	62	71	15
Sunday	58	49	22

a. How many child tickets were sold on Saturday? (1)

b. On which day were the most adult tickets sold? (1)

c. Work out the total number of tickets sold on Sunday. (1)

d. The manager says, "On every day we sold more child tickets than adult tickets."
Is the manager correct? Give a reason for your answer. (1)

(4 marks)

a) Saturday row, Child column

71

b) the highest number in the Adult column is 62

Saturday

c)

58 + 49 + 22 = 129

d)

Friday, 28 child and 34 adult

28 < 34

No, the manager is not correct

a) 71 b) Saturday c) 129 d) No, not on Friday

Free for classroom and home use: print, photocopy and share. Not for resale or re-hosting.

4 The table shows the population of five towns in 2011 and in 2021.

Town	2011	2021
Ashwell	18 400	19 250
Brookby	5 600	5 950
Carding	61 300	75 600
Denholm	30 900	30 250
Eastfield	20 100	21 050

a. Write down the town with the largest population in 2021. (1)

b. The population of one town went down from 2011 to 2021. Write down the name of this town. (1)

c. Work out how much the population of Ashwell went up from 2011 to 2021. (1)

d. Kemi says, "Eastfield had a bigger population than Ashwell in both years."
Is Kemi correct? Give a reason for your answer. (1)

(4 marks)

a) the highest number in the 2021 column is 75 600

Carding

b) the 2021 number is smaller than the 2011 number

30 250 < 30 900

Denholm

c)

19 250 − 18 400 = 850

d)

2011, 20 100 > 18 400

2021, 21 050 > 19 250

Yes, Kemi is correct

a) Carding b) Denholm c) 850 d) Yes, in both years

Free for classroom and home use: print, photocopy and share. Not for resale or re-hosting.

5 The table shows the number of passengers who used four railway stations in 2023 and in 2024.

Station	2023 (thousands)	2024 (thousands)
Northgate	46	52
Riverside	120	131
Hill Road	38	35
Market Street	75	89

a. How many passengers used Northgate station in 2023? Write your answer as an ordinary number. (1)

b. Which station had the biggest increase in passengers from 2023 to 2024?
You must show your working. (2)

c. Work out the total number of passengers, in thousands, who used the four stations in 2024. (1)

d. Give one reason why the table cannot be used to find out which station is busiest on a Monday. (1)

(5 marks)

a) the numbers are in thousands

46 x 1000 = 46 000

b) Northgate

52 - 46 = 6

Riverside

131 - 120 = 11

Hill Road went down

Market Street

89 - 75 = 14

14 is the biggest increase

Market Street

c)

52 + 131 + 35 + 89 = 307

307 thousand

d)

The table only gives totals for a whole year

It does not show the numbers for each day

a) 46 000 b) Market Street c) 307 thousand d) no daily data

Free for classroom and home use: print, photocopy and share. Not for resale or re-hosting.