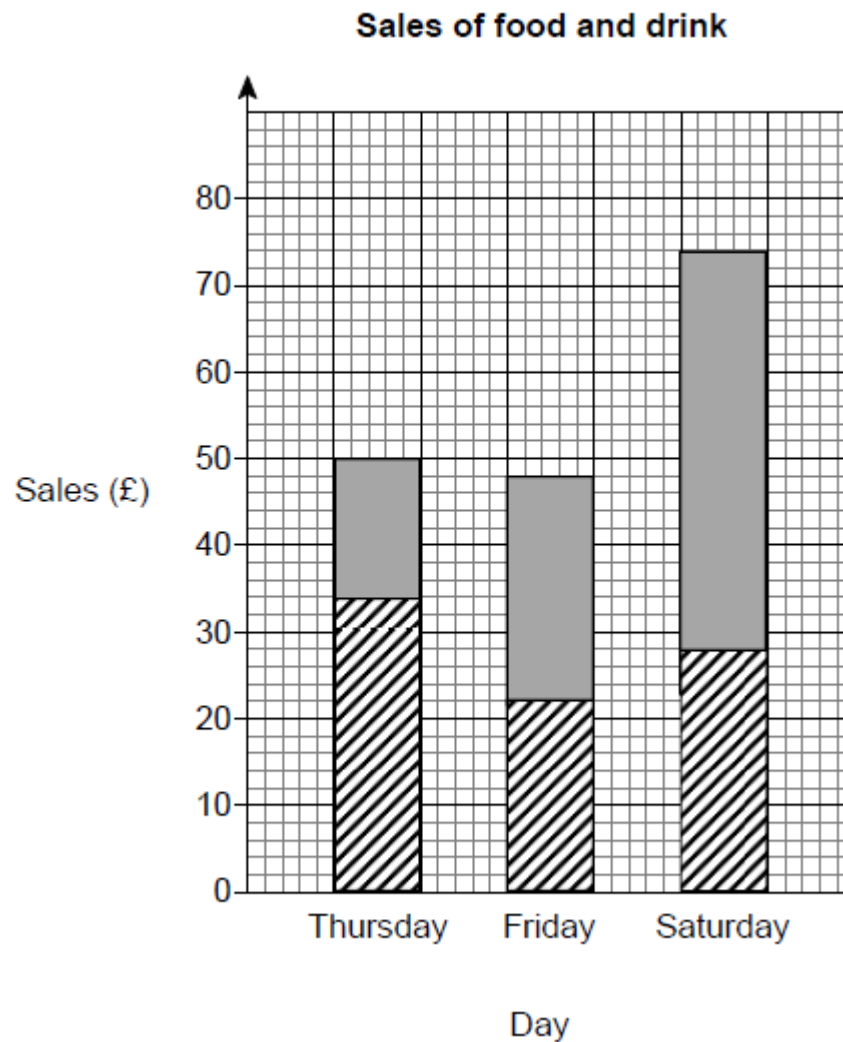


Q1.

The table shows the sales of food and drink for three days at a market stall.

| Day | Sales of food (£) | Sales of drink (£) |
|----------|-------------------|--------------------|
| Thursday | 34 | 16 |
| Friday | 22 | 48 |
| Saturday | 46 | 28 |

Hannah uses this information to draw a composite bar chart.



Write down **three** different mistakes that she has made.

Mistake 1.....

.....

Mistake 2.....

.....

Mistake 3.....

.....

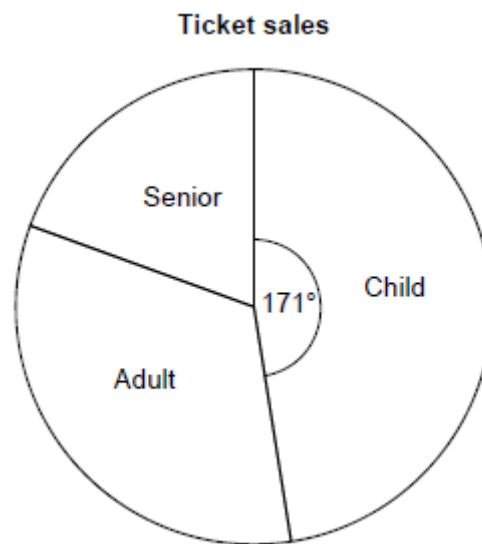
(Total 3 marks)

Q2.

The pie chart shows information about the sales of 800 tickets.

There were twice as many adult ticket sales as senior ticket sales.

Not drawn accurately



(a) Show that there were 140 senior ticket sales.

.....

.....

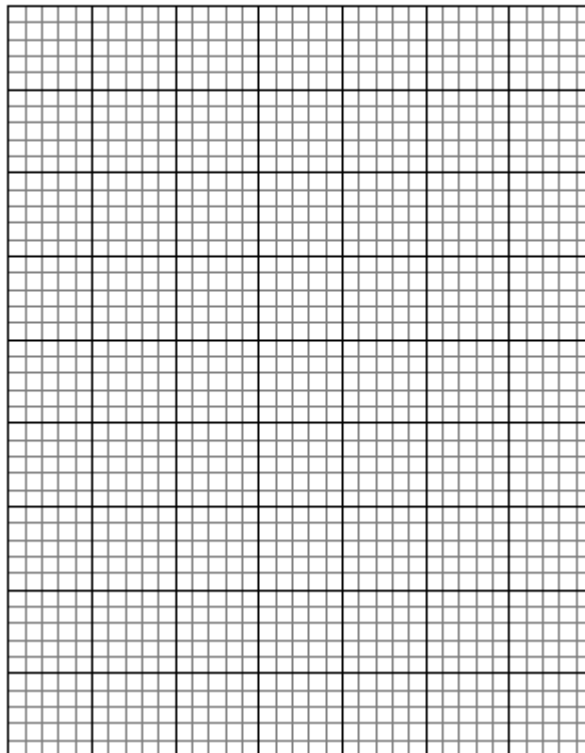
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.....
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(3)

(b) Draw a bar chart on the grid to represent the child, adult and senior ticket sales.

.....
.....
.....
.....
.....

Ticket sales

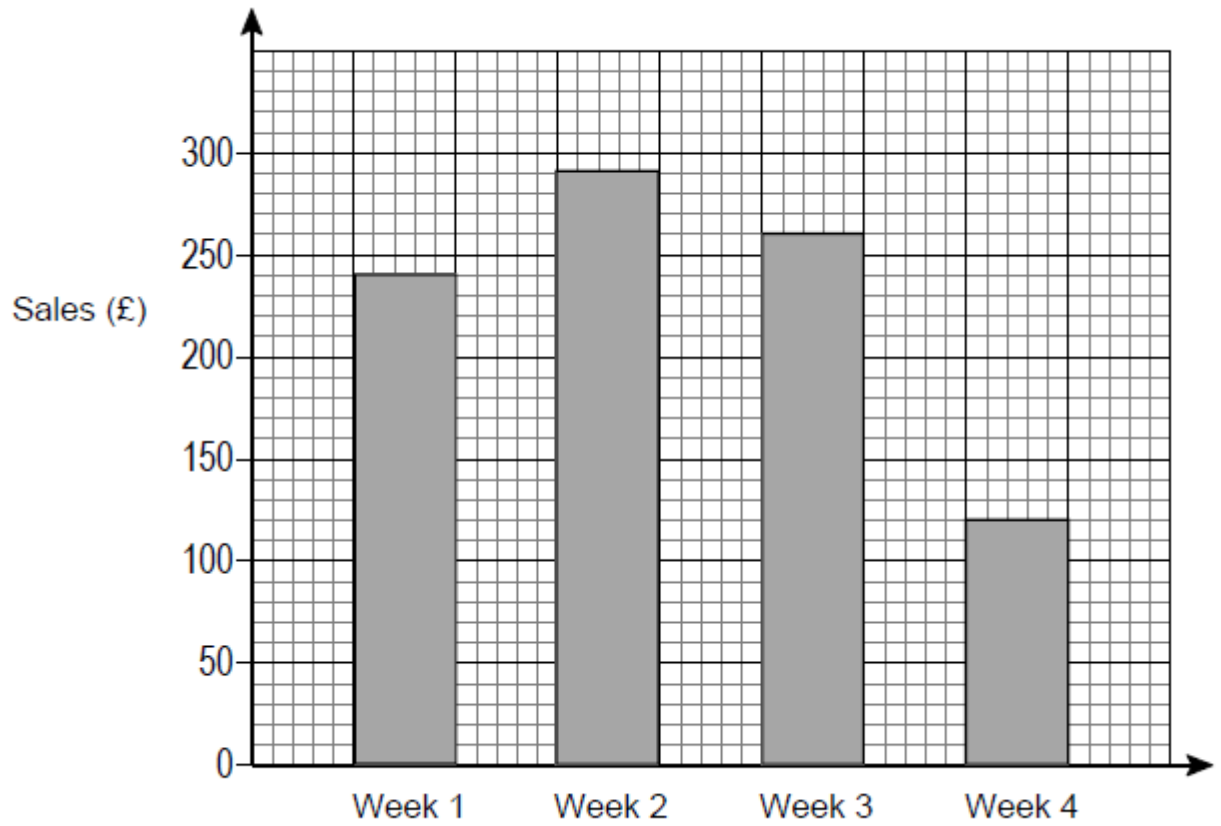


(4)

(Total 7 marks)

Q3.

Zayn records his weekly sales.



Every week his costs are £87.50

(a) Work out his profit in Week 1

.....

Answer £.....

(2)

(b) His sales in Week 4 were half of his sales in Week 1

Zayn says,

“This means that my profit in Week 4 was half of my profit in Week 1”

Is he correct?

You **must** show your working.

.....

.....

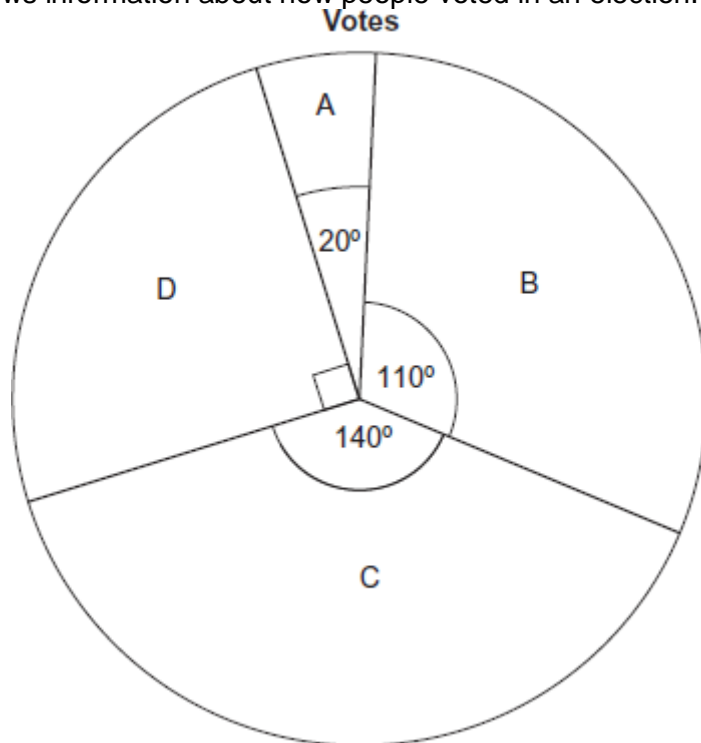
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(2)

(Total 4 marks)

Q4.

The pie chart shows information about how people voted in an election.



1800 people voted for D.

How many **more** people voted for C than B?

.....

.....

.....

Answer

(Total 3 marks)


Q5.A club rents films.

These were the films rented on Monday.

Films rented on Monday

| | |
|-----------------|------------|
| Comedy | 12 |
| Thriller | 6 |
| Romance | 9 |
| | Total = 27 |

(a) Draw a pictogram for this data.

Use  to represent 4 films.

Films rented on Monday


Key:  represents 4 films.

| | |
|-----------------|--|
| Comedy | |
| Thriller | |
| Romance | |

(2)

(b) This pictogram represents the films rented on Tuesday.

Films rented on Tuesday

Key:  to represents 2 films

| | |
|----------|--|
| Comedy |      |
| Thriller |  |
| Romance |    |

The club manager says,

“Looking at the total number of films rented on **Monday and Tuesday**, half of them were Comedy.”

Is he correct?
You **must** show your working.

.....

.....

.....

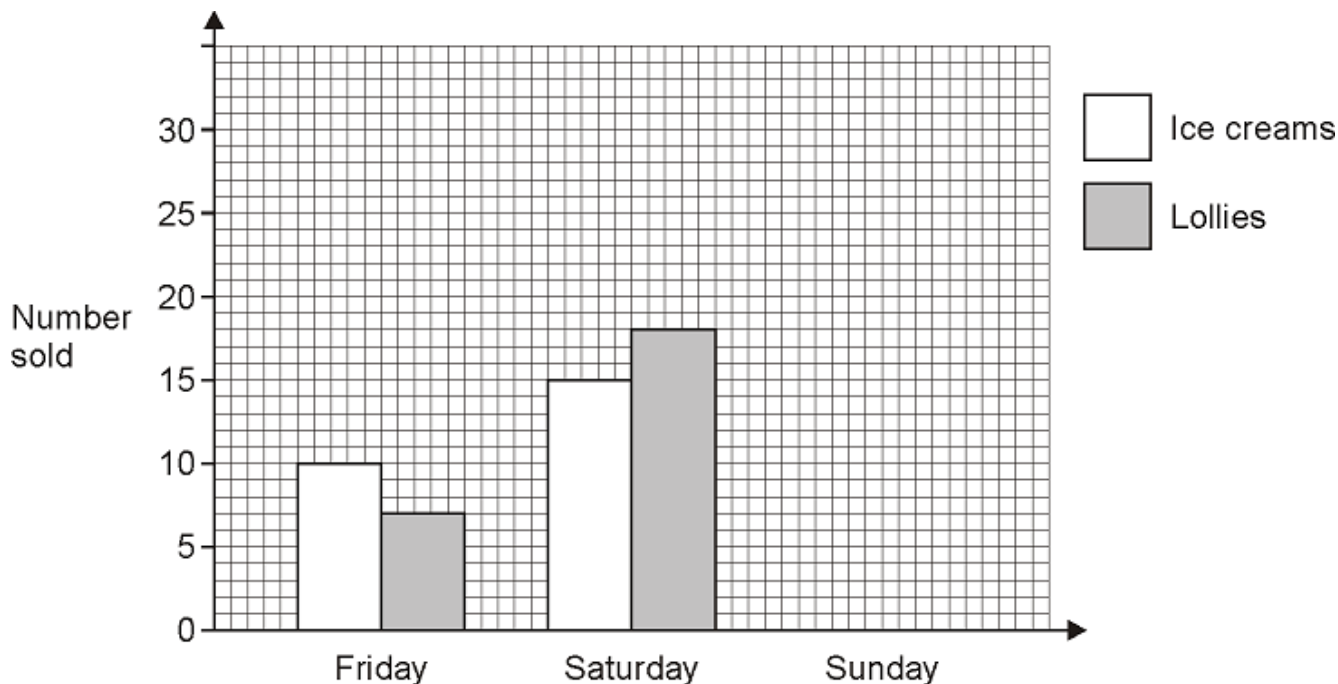
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.....

(3)
(Total 5 marks)

Q6. Mira sells ice creams and lollies.
The bar chart shows the number sold on Friday and Saturday.

Ice creams and lollies sold



- (a) An ice cream costs £1.20
A lolly costs 80p.

How much money did Mira take from selling ice creams **and** lollies on **Friday**?

.....

.....

.....

Answer £

(3)

- (b) Mira sold ice creams and lollies on Friday, Saturday and Sunday.
Altogether she sold 80.

On Sunday, she sold 2 **more** lollies than ice creams.

Complete the bar chart for Sunday.

.....

.....

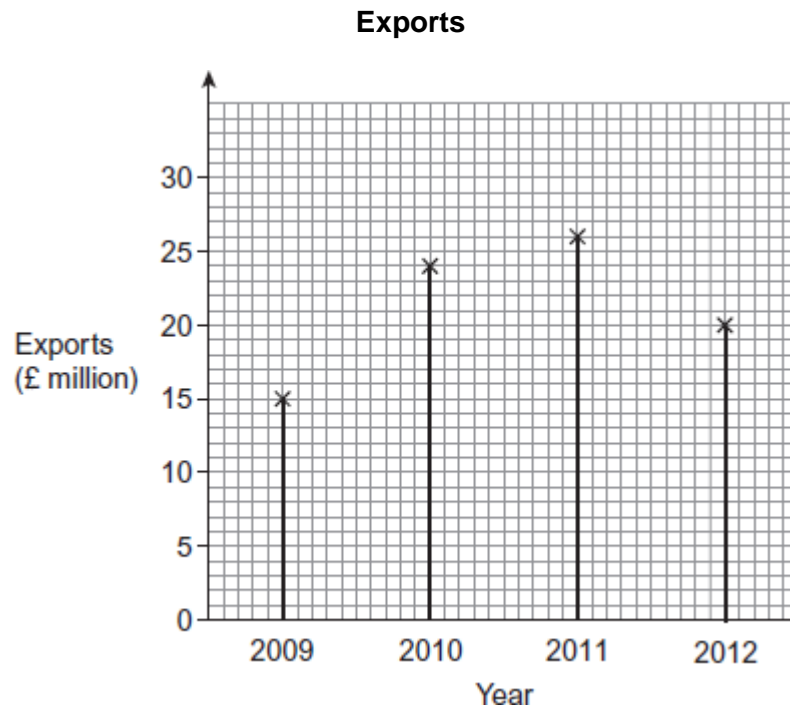
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.....

.....

(3)
(Total 6 marks)

Q7. The diagram shows information about the exports of a company.



(a) Work out the **increase** in the exports from 2009 to 2010.

.....

Answer £.....million

(2)

(b) Write the value of the exports in 2011 to 1 significant figure.

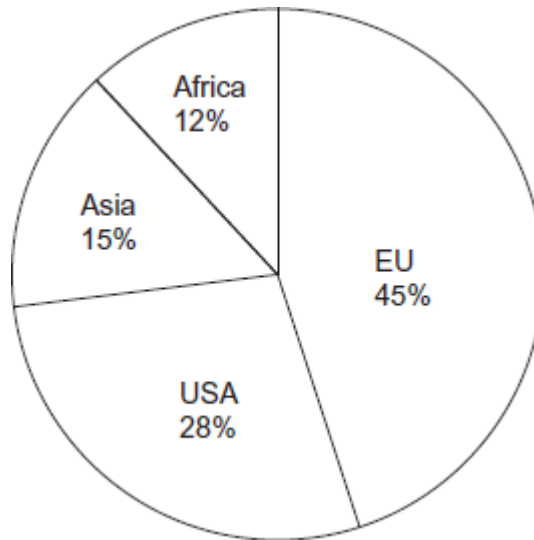
.....

Answer £.....million

(1)

(c) The pie chart shows information about the exports of the company in 2012.

Exports in 2012



Use **both** diagrams to work out the value of the exports to the **USA** in 2012.

.....

.....

.....

Answer £.....million

(3)
(Total 6 marks)

Q8.A shop sells these 15 ice-creams.

Chocolate Vanilla Vanilla Vanilla Strawberry
 Vanilla Chocolate Vanilla Strawberry Strawberry
 Chocolate Chocolate Strawberry Vanilla Chocolate

(a) Complete the table.

| Flavour | Tally | Frequency |
|------------|-------|------------|
| Chocolate | | |
| Vanilla | | |
| Strawberry | | |
| | | Total = 15 |

(3)

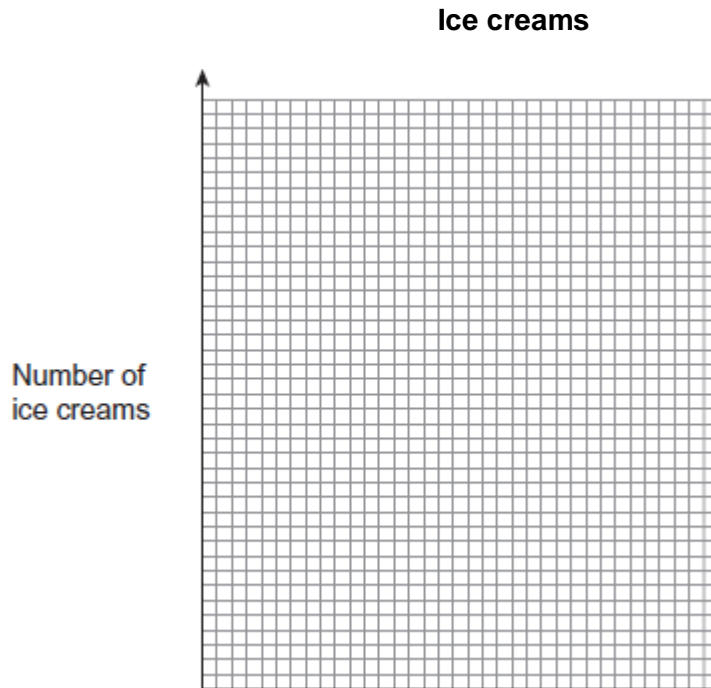
(b) The shop sells

7 cones

5 tubs

3 wafers.

Show this information on a bar chart.



(4)
(Total 7 marks)

Q9.

A group of friends went on an activity weekend.
They each chose their favourite activity.

Their choices are

| | | | | |
|---------|---------|---------|--------------|---------|
| Biking | Archery | Karting | Horse riding | Biking |
| Biking | Biking | Archery | Horse riding | Archery |
| Karting | Karting | Archery | Biking | Biking |

(a) Complete the tally and frequency columns in the table.

| Activity | Tally | Frequency |
|--------------|-------|-----------|
| Archery | | |
| Biking | | |
| Horse riding | | |
| Karting | | |

(2)

(b) Draw a pictogram to show the results.

Key:  represents 2 people.

| | |
|--------------|--|
| Archery | |
| Biking | |
| Horse riding | |
| Karting | |

(2)

(c) Which activity is the mode?

Answer

(1)

(d) What fraction of the friends chose Horse riding?

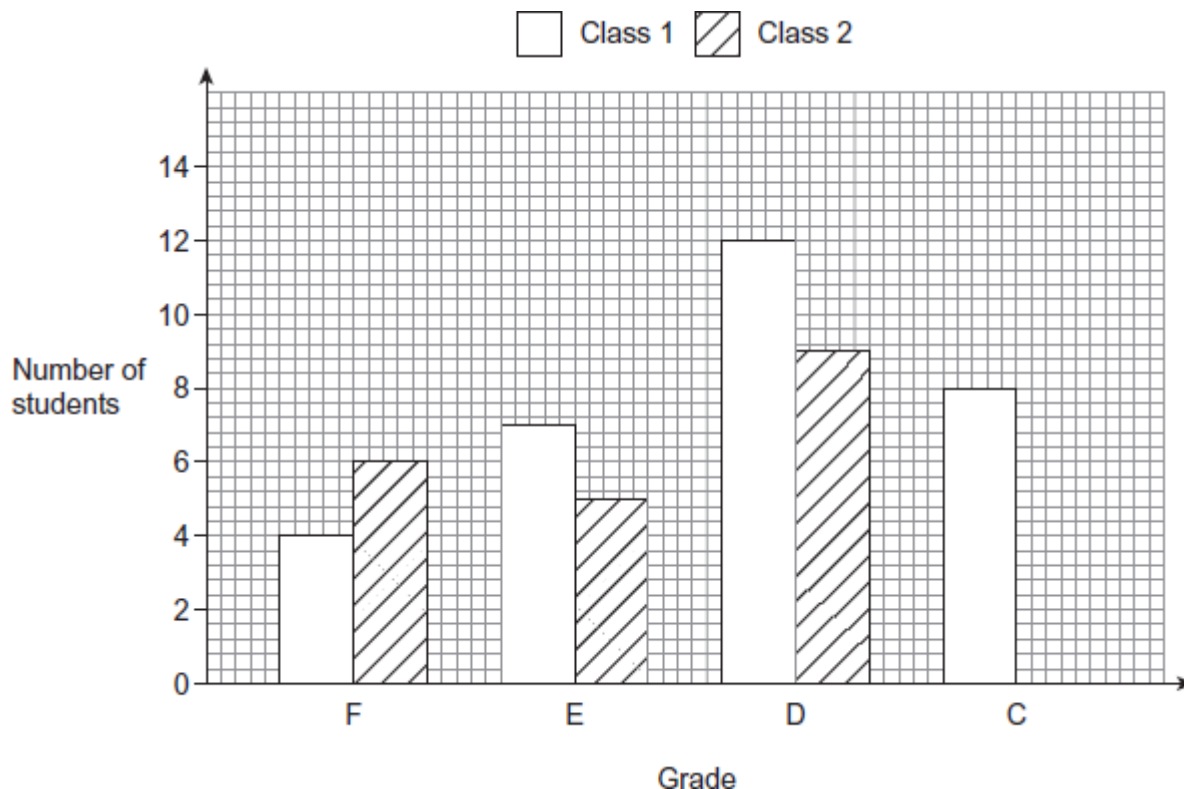
Answer

(1)
(Total 6 marks)

Q10.

A teacher records the grades gained in a test by students in two classes. The dual bar chart shows the results.

The grade C results for Class 2 are not shown.



(a) How many students in Class 2 gained a grade D?

Answer

(1)

(b) Work out how many students in **total** gained a grade F.

.....

Answer

(1)

(c) How many **more** students gained a grade E in Class 1 than in Class 2?

.....

Answer

(1)

- (d) Class 2 has the same number of students as Class 1

Complete the dual bar chart for grade C.

.....

.....

.....

.....

(4)

(Total 7 marks)