

**Calculator Questions**

Edexcel

1.

The results of a survey show how people get to work.

How people get to work	Number of people
bike	12
bus	15
walk	6
car	<u>23</u>

Alex needs a bar chart of the survey results.

**Show how many people get to work by car on the chart. (1)**



2.

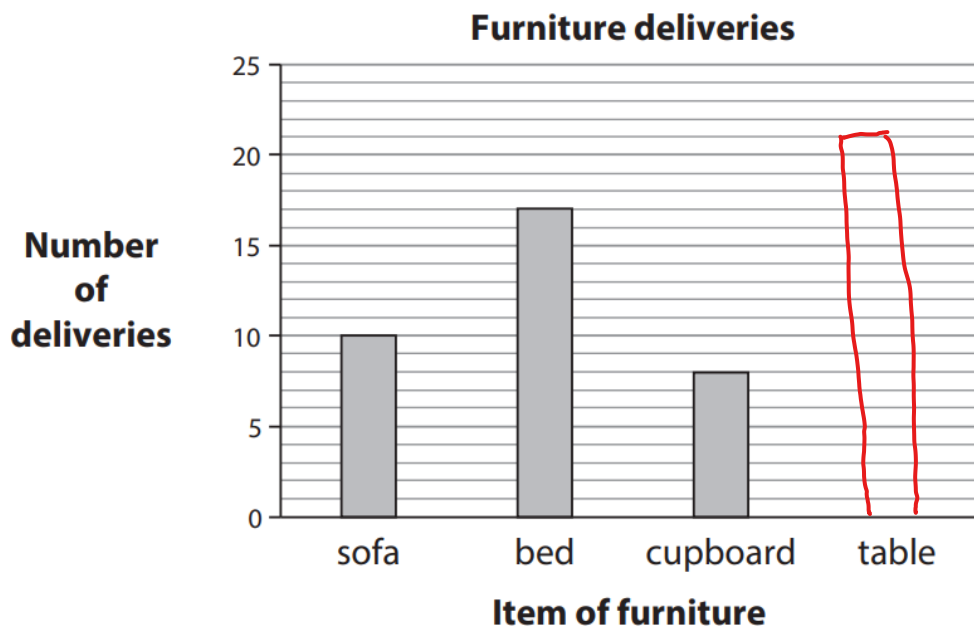
Lucy counts the furniture deliveries she makes.

Item of furniture	Number of deliveries
sofa	10
bed	17
cupboard	8
table	<u>21</u>

Lucy needs a bar chart to show the information.

**Show the number of deliveries of tables on the chart.**

(1)

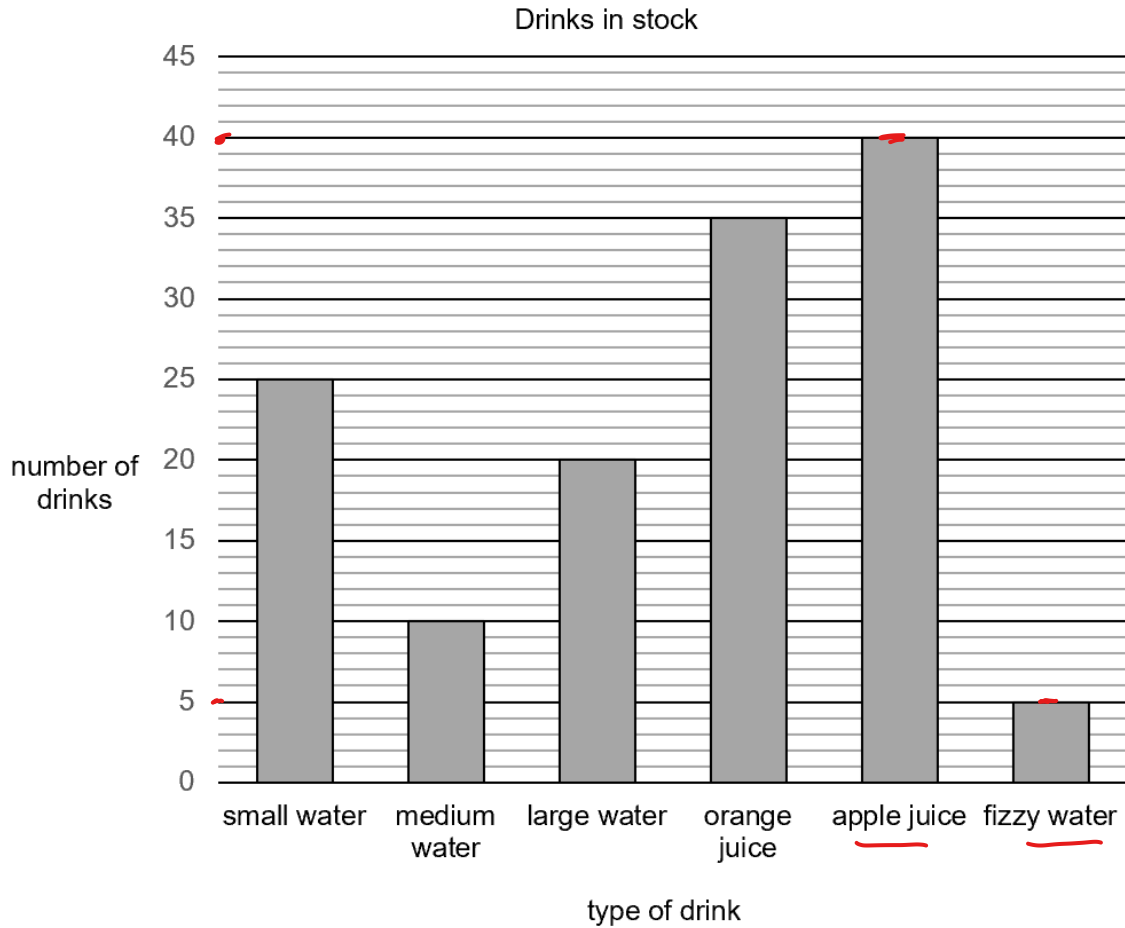


NCFE

3.

Each child gets a drink at the end of story time.

This bar chart shows which drinks are in stock.



Complete the table to show the numbers of the drinks.

[1 mark]

Type of drink	Number
small water	25
medium water	10
large water	20
orange juice	35
apple juice	40
fizzy water	5



4.

This is a list of the books returned in one day.

- large paperback
- small hardback
- small paperback
- small hardback
- large hardback •
- small paperback
- large hardback •
- large hardback •
- small hardback
- large hardback •

Complete the table with the number of each type of book.

Small hardback and large paperback have been done for you.

[2 marks]

	Paperback	Hardback
Small	2	3
Large	1	4

5.

Dave makes hay bales.

This table shows the number of hay bales he made each day.

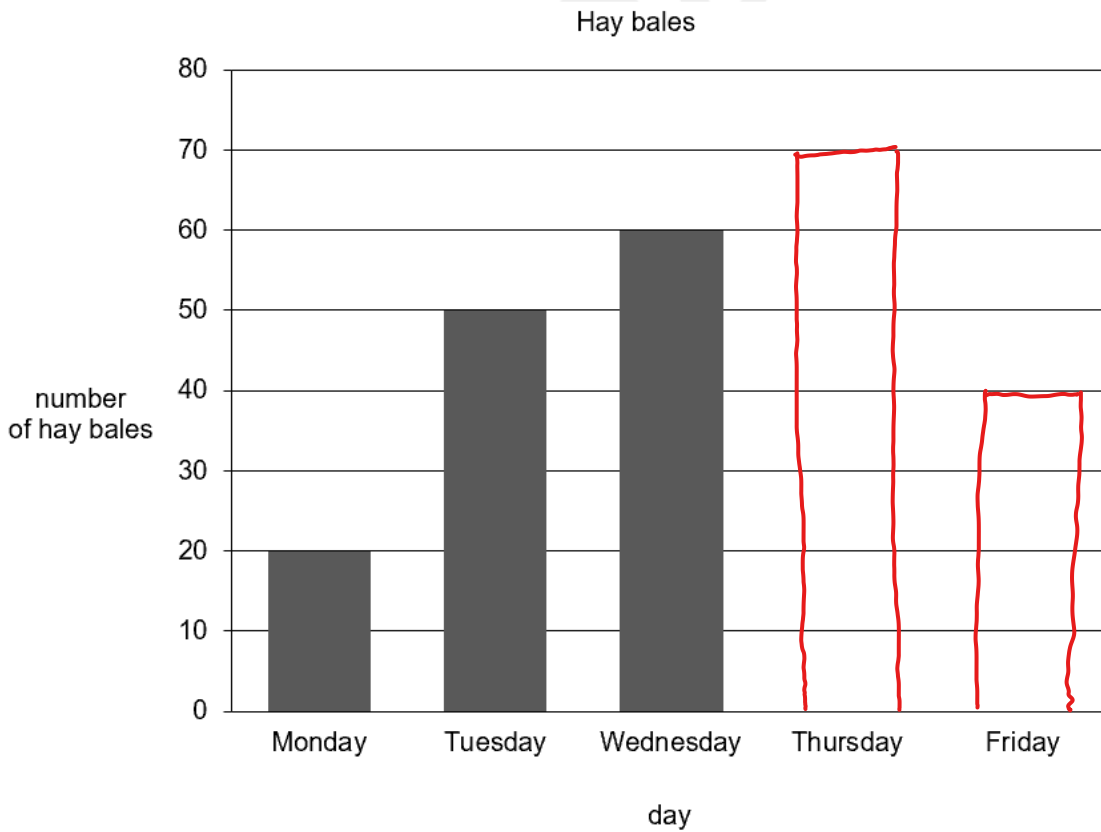
Day	Number of hay bales
Monday	20
Tuesday	50
Wednesday	60
Thursday	70
Friday	40



He starts to show the results in a bar chart.

Complete the bar chart.

[2 marks]



6.

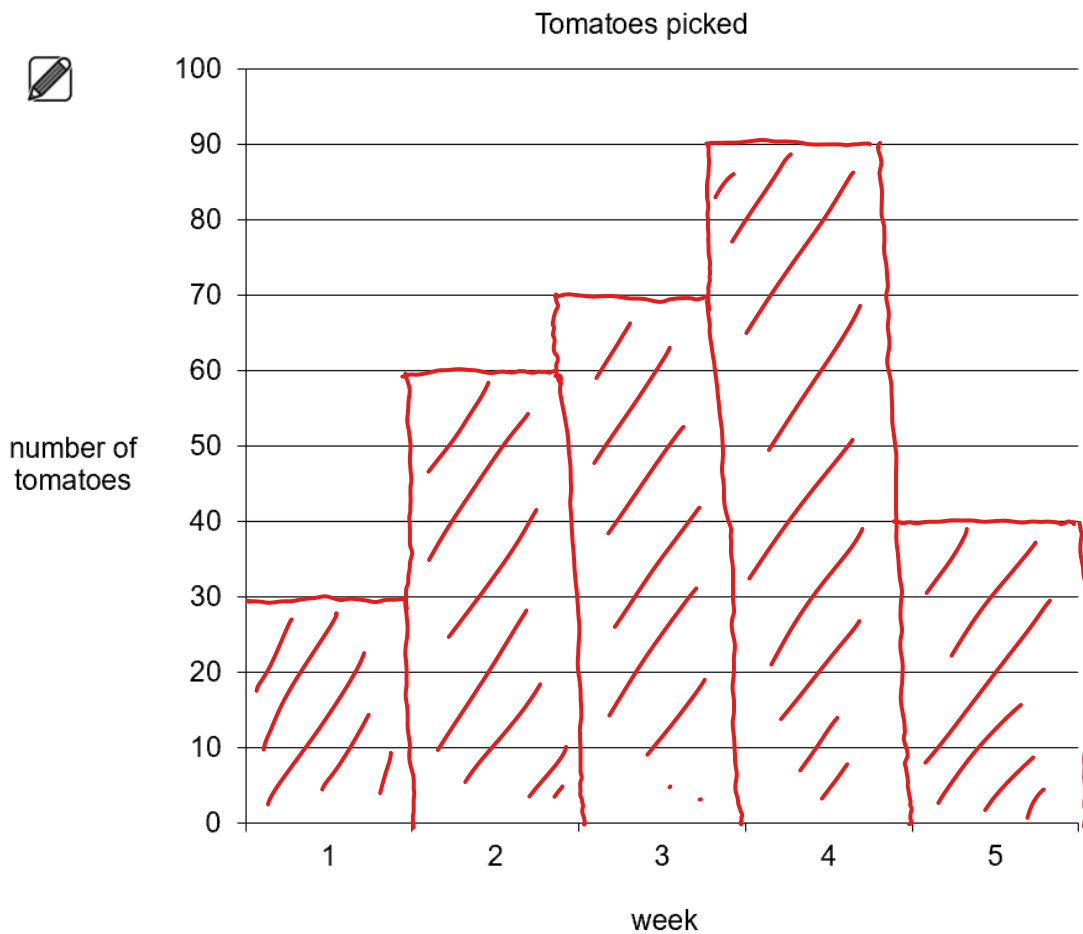
This table shows the number of tomatoes Jay picks.

Week	Number of tomatoes
1	30
2	60
3	70
4	90
5	40

He wants to show the results in a bar chart.

Complete the bar chart.

[2 marks]



7.

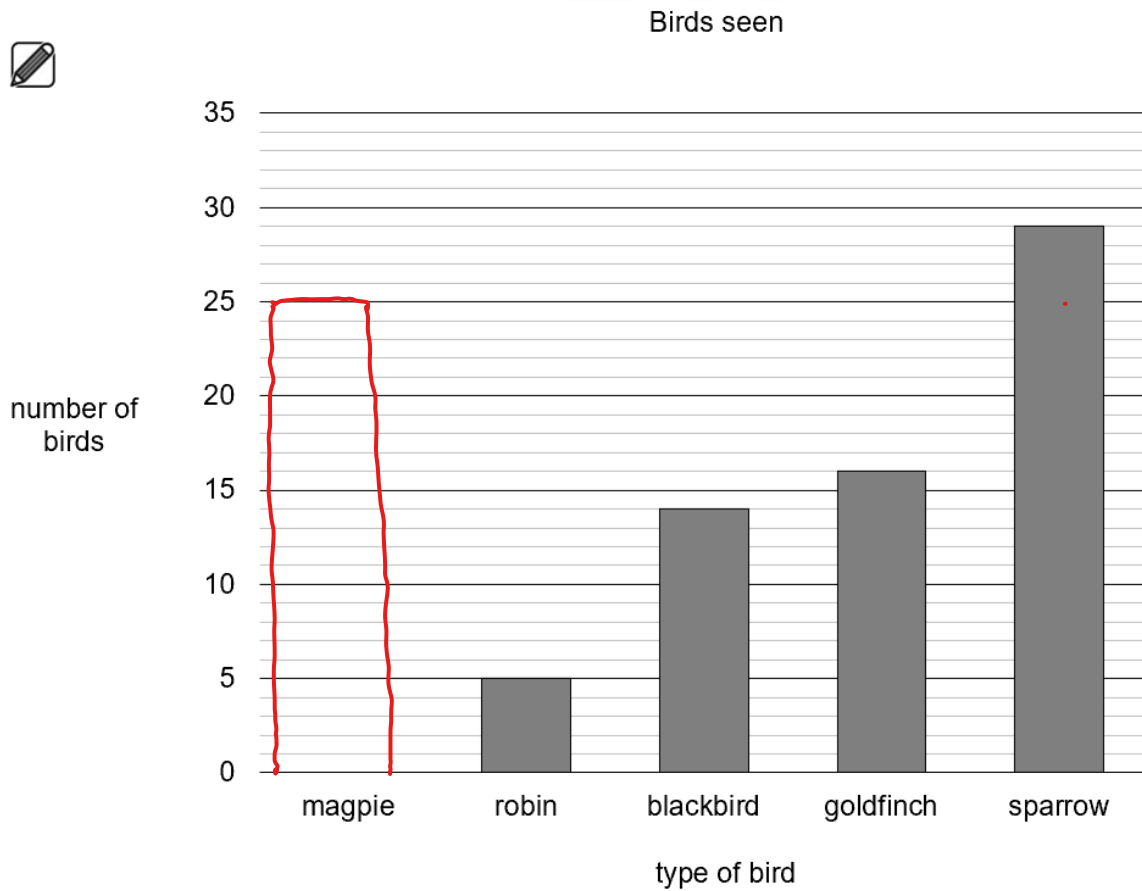
Jon counts the birds he sees in his garden.

<u>magpie</u>	<u>25</u>
robin	5
blackbird	14
goldfinch	16
sparrow	29

He starts to show the results in a bar chart.

Complete the bar chart.

[1 mark]



8.

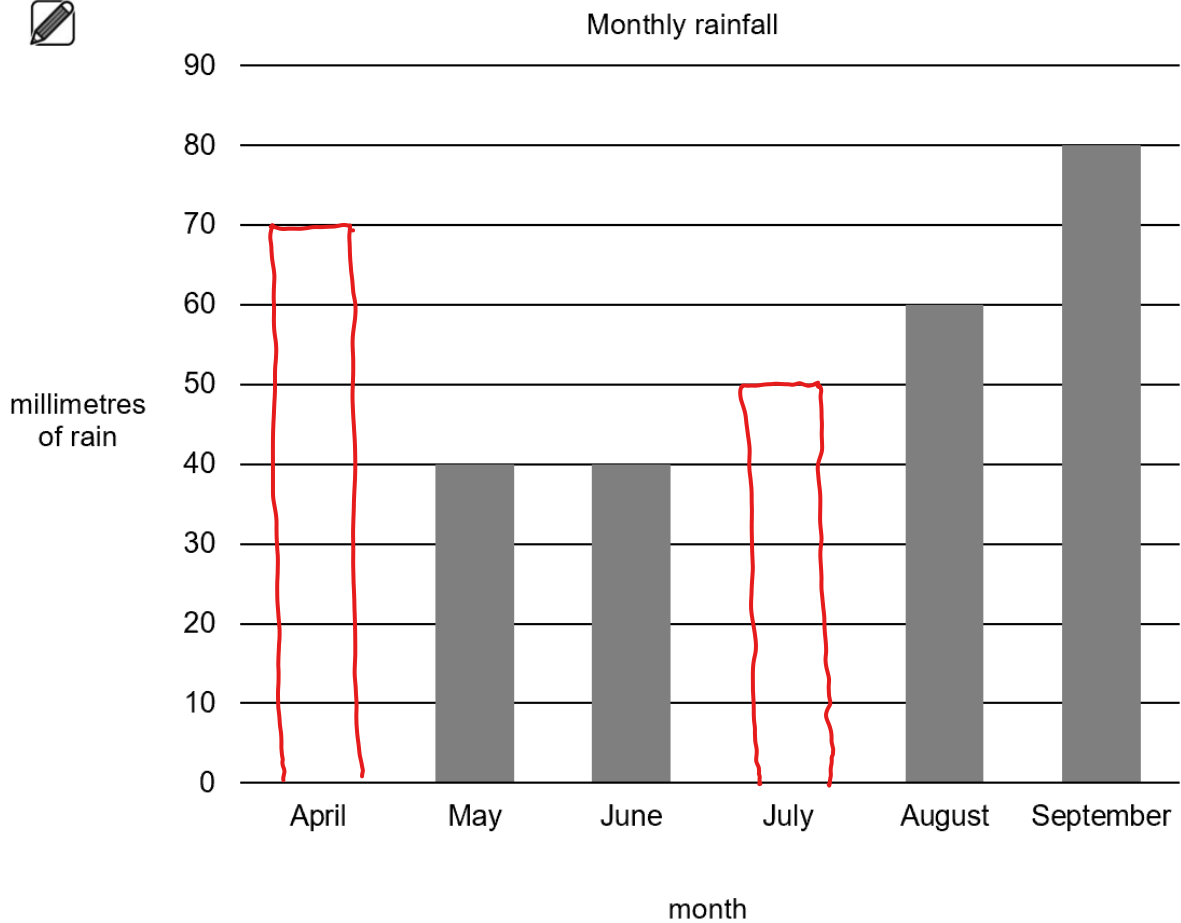
Lee measures the rainfall in his garden.

Month	April	May	June	July	August	September
Millimetres of rain	<u>70</u>	40	40	<u>50</u>	60	80

He starts to show the results in a bar chart.

Complete the bar chart.

[2 marks]





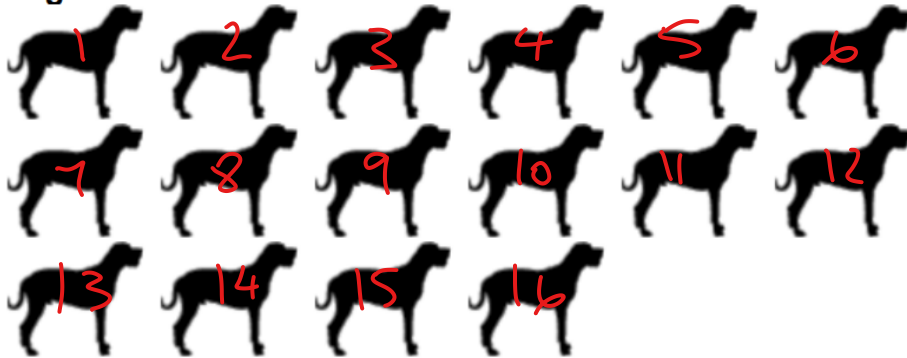
City & Guilds

9.a)

The vet keeps a record of the numbers of animals treated each day.

These are the number of animals treated today.

**Dogs**



**Rabbits**

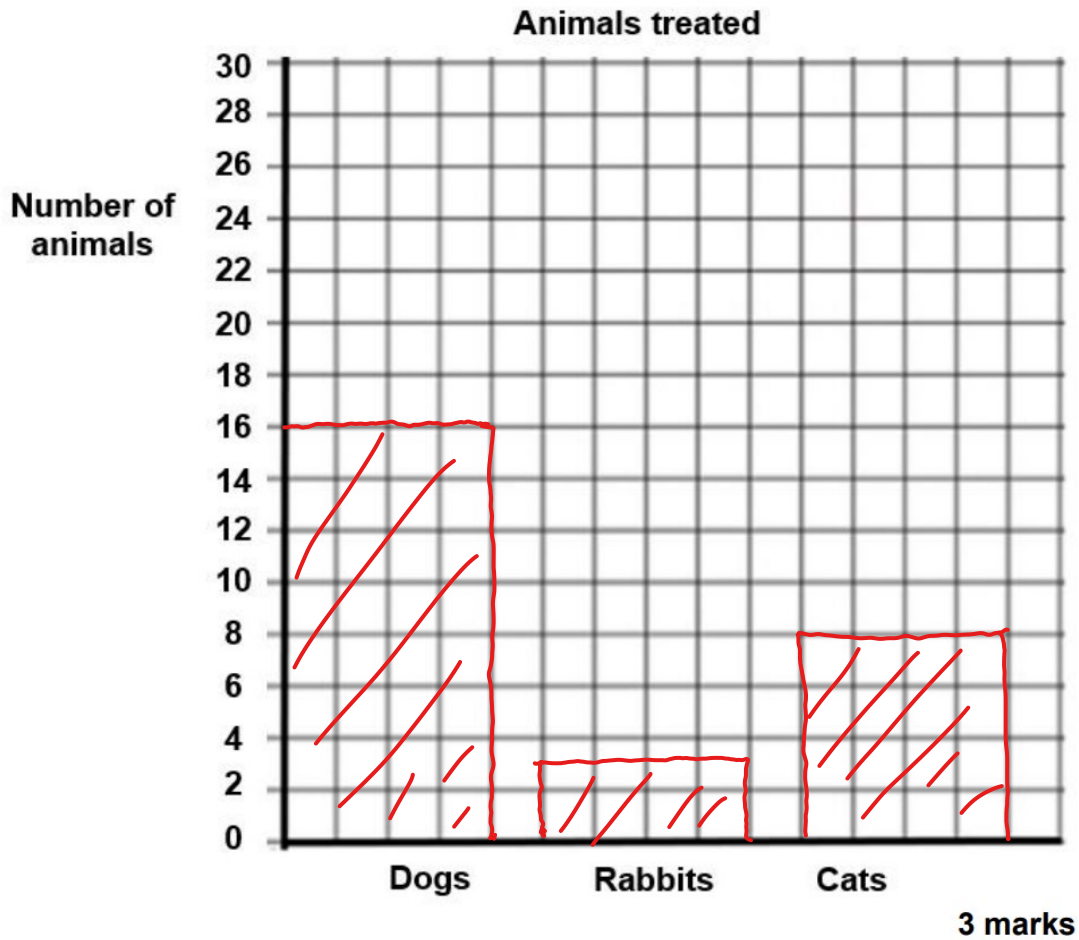


**Cats**



The vet asks the trainee to draw a bar chart to show how many animals were treated today.

Draw **three** bars to finish the chart on the next page.



The vet asks the trainee to compare the numbers of different animals treated.

- b) State one thing that the trainee can tell the vet?  
Use numbers to explain your answer.

The highest number of treated animals are dogs.

**2 marks**

10.a)

The weather forecast for the **UK** next week is 20°C every day.  
Here is the weather forecast for Spain next week.

Weather forecast for Spain						
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<input checked="" type="checkbox"/> 24°C	<input checked="" type="checkbox"/> 23°C	<input type="checkbox"/> 19°C	<input type="checkbox"/> 18°C	<input checked="" type="checkbox"/> 22°C	<input checked="" type="checkbox"/> 25°C	<input checked="" type="checkbox"/> 28°C

Which days will be warmer in Spain than in the UK?  
Tick all those days.

2 marks

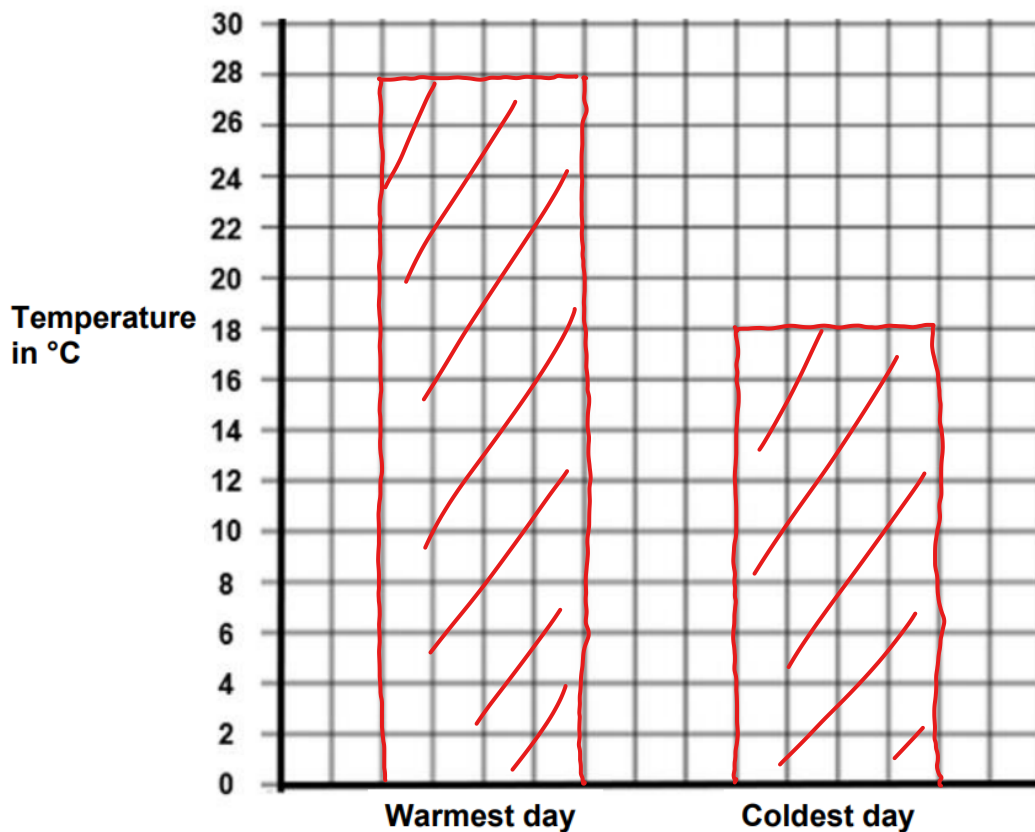
b)

A travel agent needs a chart to show the temperatures of the warmest day and coldest day in Spain next week.

Draw **two** bars to finish the bar chart.

4 marks

Temperature in Spain next week



11.a)

The supervisor receives a bonus payment on each day when the garden centre sells more than 75 rose plants.

In **Week 1** the supervisor did not receive a bonus.

The table shows the sales of rose plants in **Week 2**.

Number of rose plants sold						
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
83	62	94	79	84	110	71
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Which days will the supervisor receive a bonus?  
Tick the days.

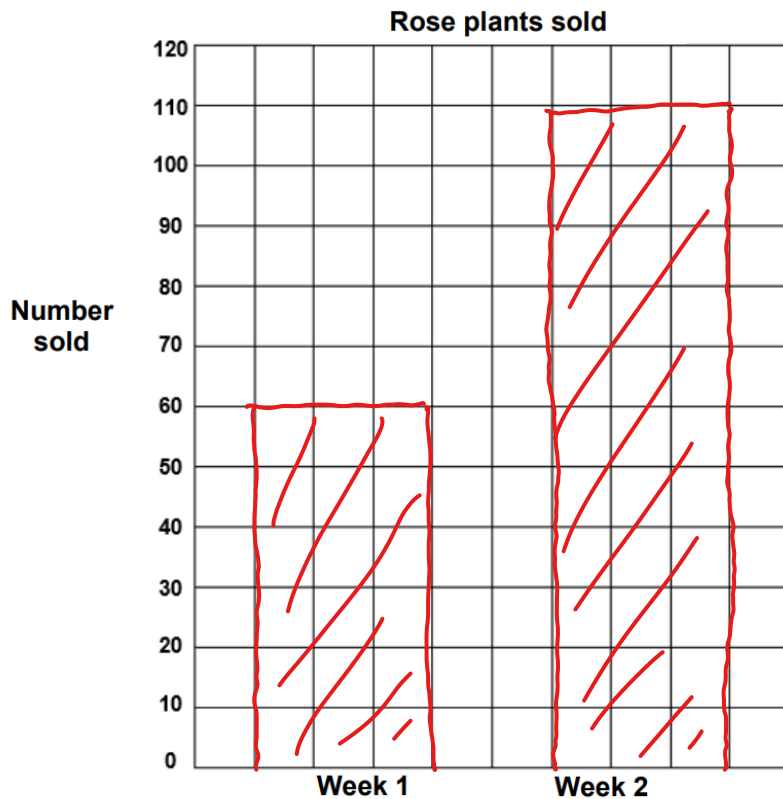
2 marks

b)

The manager wants a chart to show the largest number of rose plants sold on one day in **Week 1** and **Week 2**.

In **Week 1** the largest number sold on one day was 60.

Draw **two** bars to complete the bar chart.



3 marks

Open Awards

12.

Alicia is selling bars of soap. She keeps a record of how many of each type are sold.

		Totals
Lemon	### ##	12
Strawberry	### ## ## ## ##	26
Vanilla	### ## ##	18
Orange	### ## ## ## ## ##	34

- a) Complete the totals column in the tally chart. (1 mark)
- b) Create a bar chart to show the number of bars of soap sold.  
Use the graph paper on the next page. (2 marks)
- c) Which type of soap sold the most bars?  
Use the information from the bar chart. (1 mark)

orange

Soaps sold, by type

