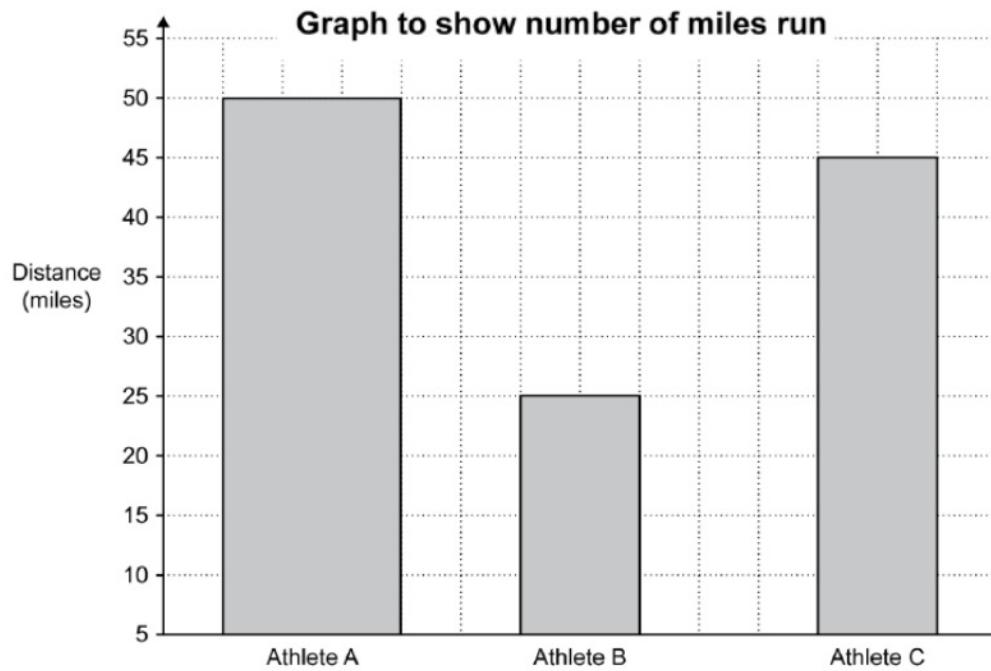


## P3- Tally Charts and Bar Charts (Discrete)

OCR

4 This bar chart shows the number of miles run by three athletes in a week.

Created by W Neill



Give **two** reasons why the bar chart is misleading.

Reason 1 .....

.....

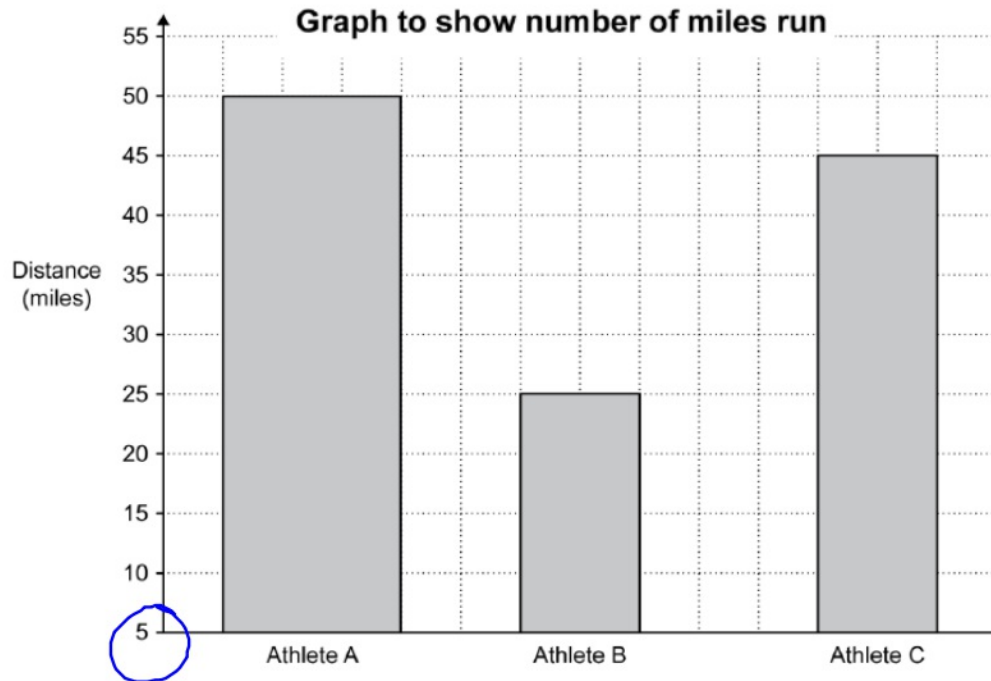
Reason 2 .....

.....

[2]

4 This bar chart shows the number of miles run by three athletes in a week.

Created by W Neill



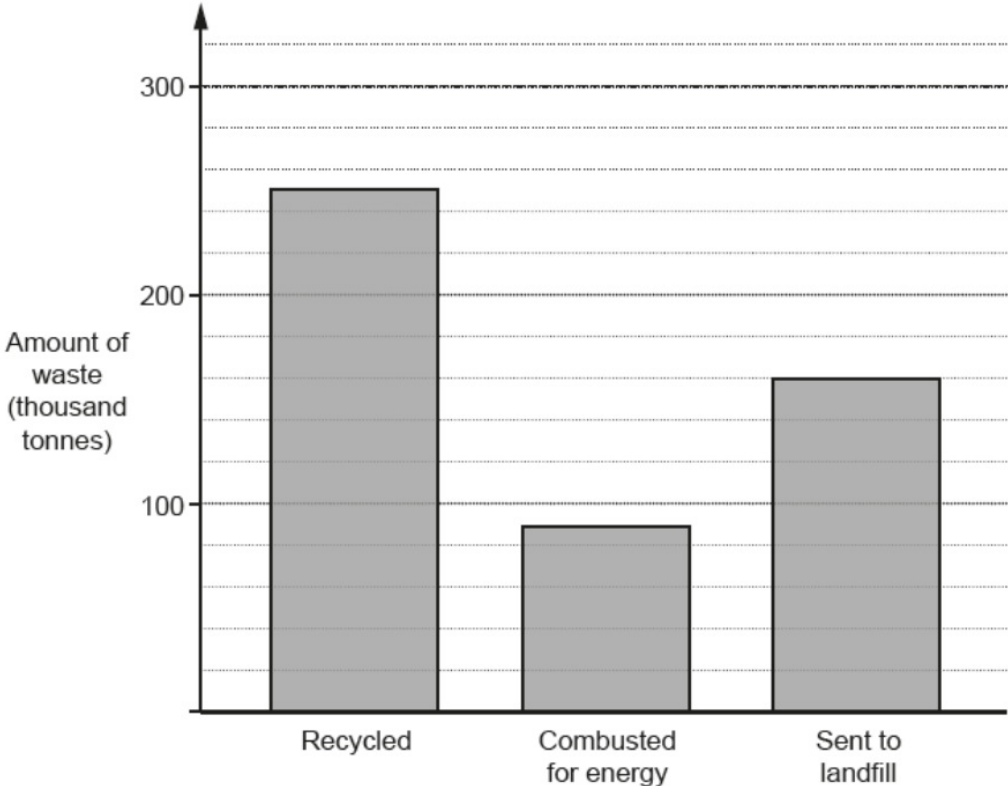
Give two reasons why the bar chart is misleading.

Reason 1 Bars are different widths

Reason 2 Needs to start at zero on the y axis

[2]

4 This diagram shows how a council disposed of waste in 2016. The total amount of waste was 500 thousand tonnes.



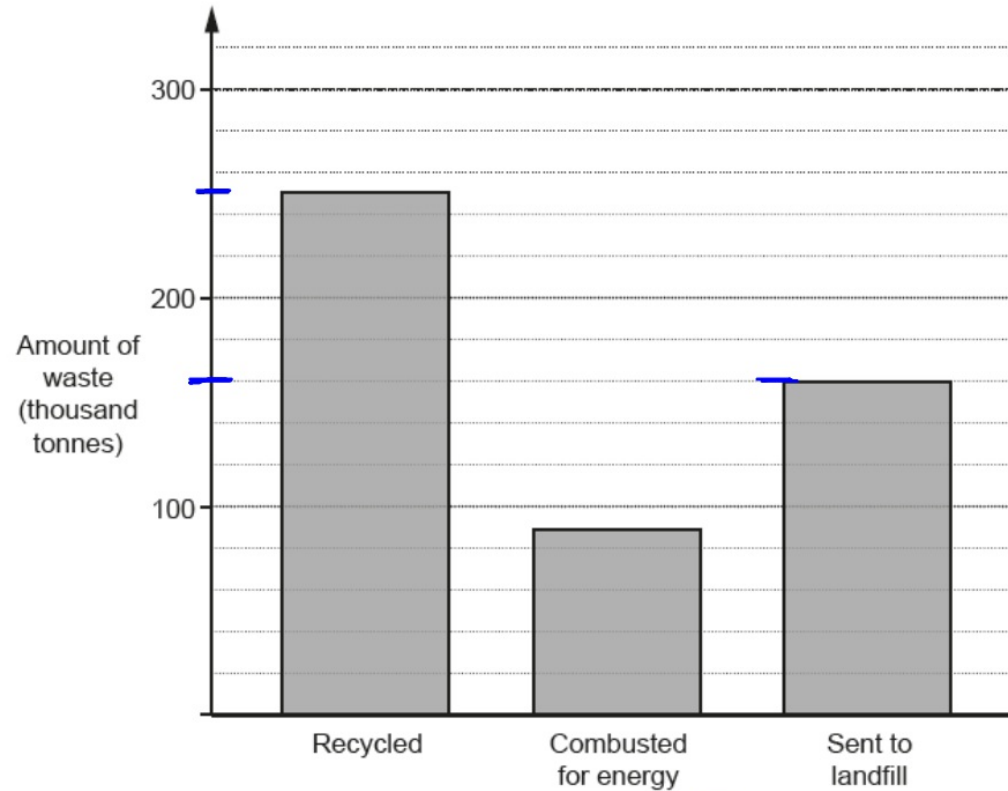
(a) How much waste was recycled?

(a) ..... thousand tonnes [1]

(b) The council had a target to send less than 30% of the waste to landfill in 2016.

Did the council meet its target in 2016?  
Justify your answer.

- 4 This diagram shows how a council disposed of waste in 2016.  
The total amount of waste was 500 thousand tonnes.



- (a) How much waste was recycled?

(a) 250 thousand tonnes [1]

$$\frac{160}{500} = \frac{16}{50} = \frac{32}{100} = 32\%$$

- (b) The council had a target to send less than 30% of the waste to landfill in 2016.

Did the council meet its target in 2016?  
Justify your answer.

→ out of 100

No, they sent 32%  
not 30%

1 George recorded all the different types of tree in a wood.

(a) His results are shown in this table.

Complete the table.

Type of tree	Tally	Frequency
Alder		8
Beech		15
Oak		18
Rowan		
Other		13

[2]

1 George recorded all the different types of tree in a wood.

(a) His results are shown in this table.

Complete the table.

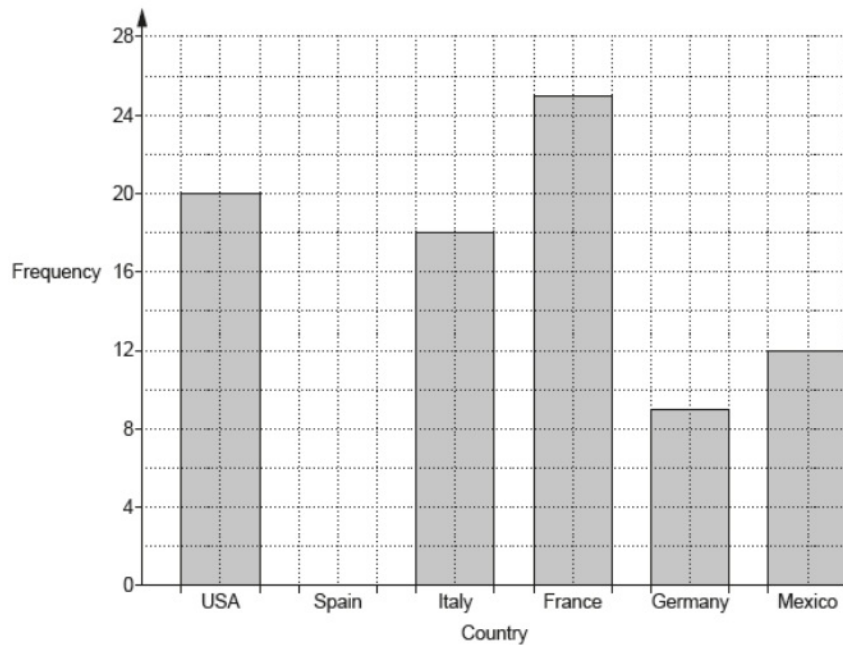
Type of tree	Tally	Frequency
Alder		8
Beech		15
Oak		18
Rowan		6
Other		13

[2]



1 Jodie asked some people to choose from six countries where they would most like to go on holiday. The bar chart shows her results for five of the countries.

P3



(a) 14 people answered Spain. [1]

Show this information on the bar chart.

(b) Complete these sentences. [1]

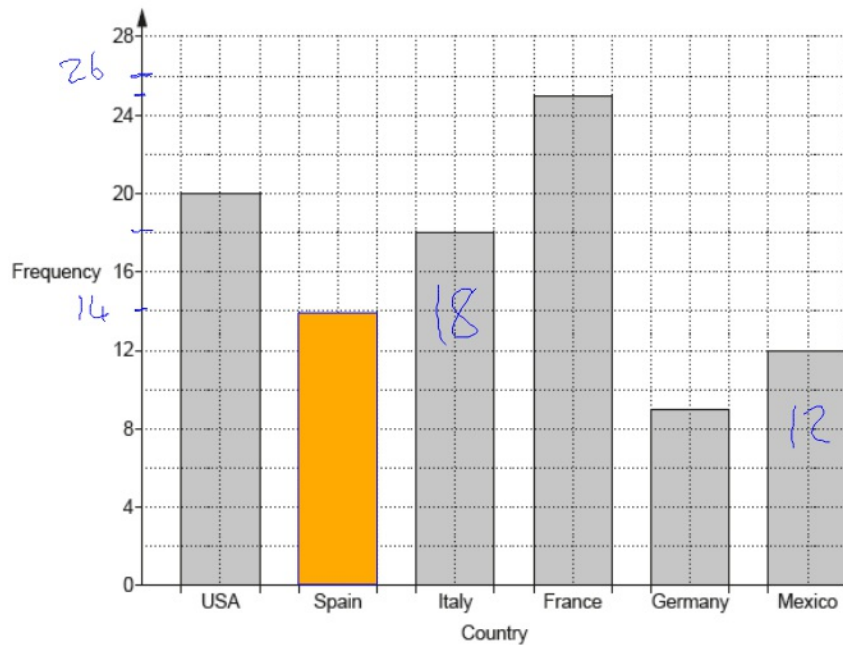
(i) ..... was chosen by the fewest people. [1]

(ii) ..... people chose France. [1]

(iii) ..... more people chose Italy than Mexico.

1 Jodie asked some people to choose from six countries where they would most like to go on holiday. The bar chart shows her results for five of the countries.

P3



(a) 14 people answered Spain. [1]

Show this information on the bar chart.

(b) Complete these sentences. [1]

(i) Germany ..... was chosen by the fewest people. [1]

(ii) 25 ..... people chose France. [1]




(iii) 6 ..... more people chose Italy than Mexico. [1]

$$18 - 12$$

Edexcel

5 David sells CDs in a shop.

The tally chart shows information about the number of CDs David sold on Monday, on Tuesday and on Wednesday.

	Tally	Frequency
Monday		12
Tuesday		18
Wednesday		8

(a) Write down **one** thing that is wrong with the tally chart.




.....

.....

(1)

5 David sells CDs in a shop.

The tally chart shows information about the number of CDs David sold on Monday, on Tuesday and on Wednesday.

	Tally	Frequency
Monday		12
Tuesday		18
Wednesday		8

(a) Write down **one** thing that is wrong with the tally chart.

Monday's frequency should be 13

AQA

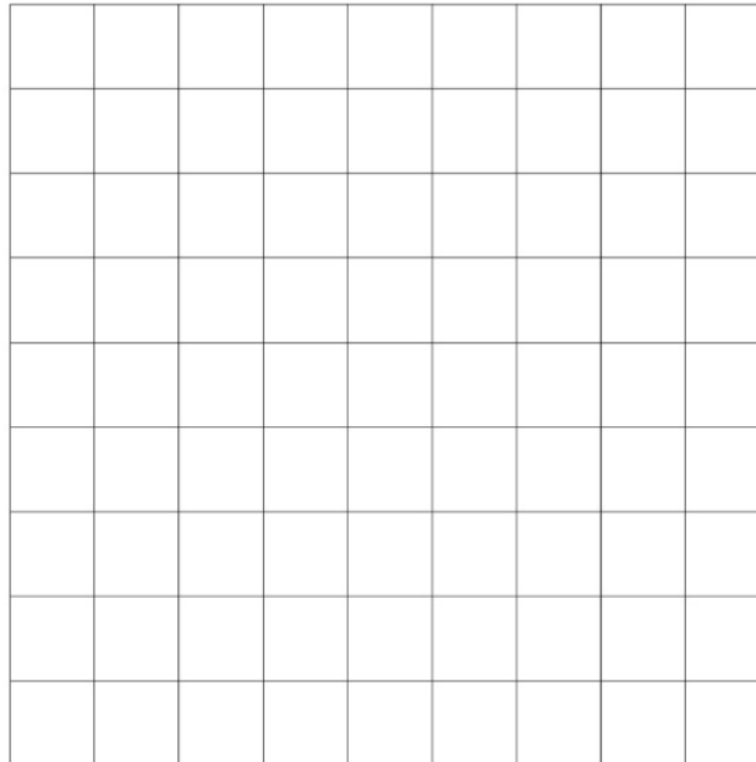
**6** The table shows information about the birds in a garden.

**P3**

Bird	Number
Robin	2
Sparrow	5
Wren	3
Lark	1

Draw a bar chart to show the information.

**[3 marks]**



6 The table shows information about the birds in a garden.

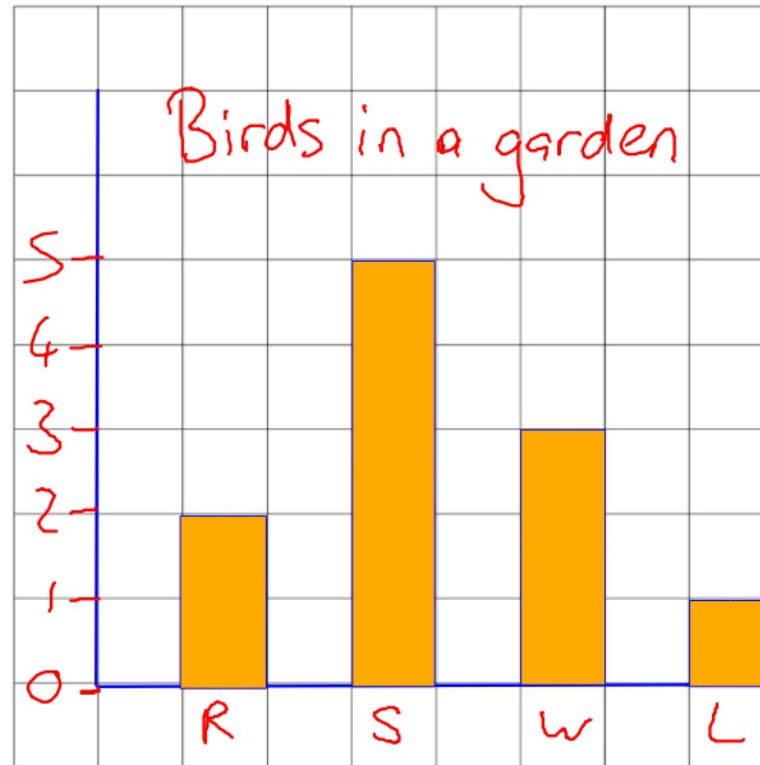
P3

Bird	Number
Robin	2
Sparrow	5
Wren	3
Lark	1

Draw a bar chart to show the information.

[3 marks]

freq



Birds