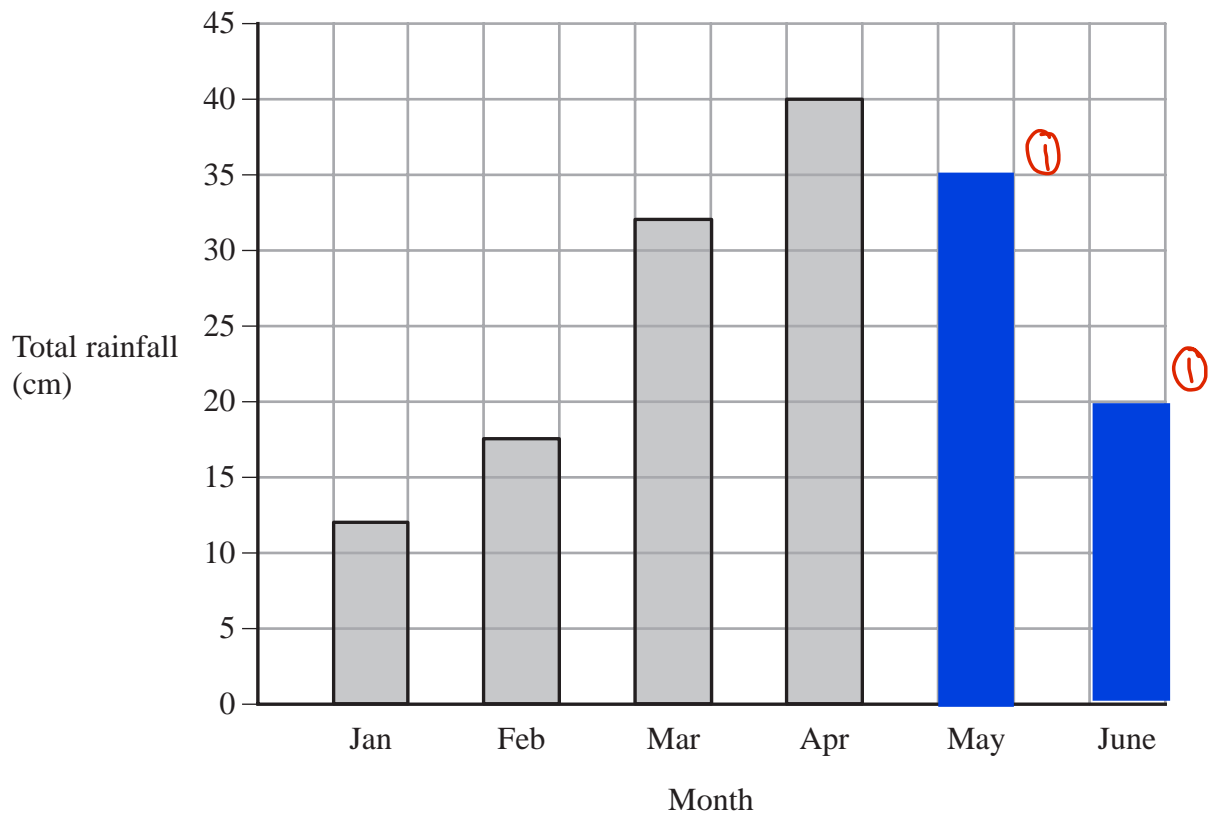


- 1 The bar chart shows information about the total rainfall each month for four months in a city.



In May, the total rainfall was 35 cm.

In June, the total rainfall was 20 cm.

- (a) Use this information to complete the bar chart.

Each square = 5cm
 $35 \div 5 = 7$ squares
 $20 \div 5 = 4$ squares

(2)

Rupa says,

“In February there was 15.5 cm of rainfall because the bar is half a square above 15”

- (b) Explain why Rupa is incorrect.

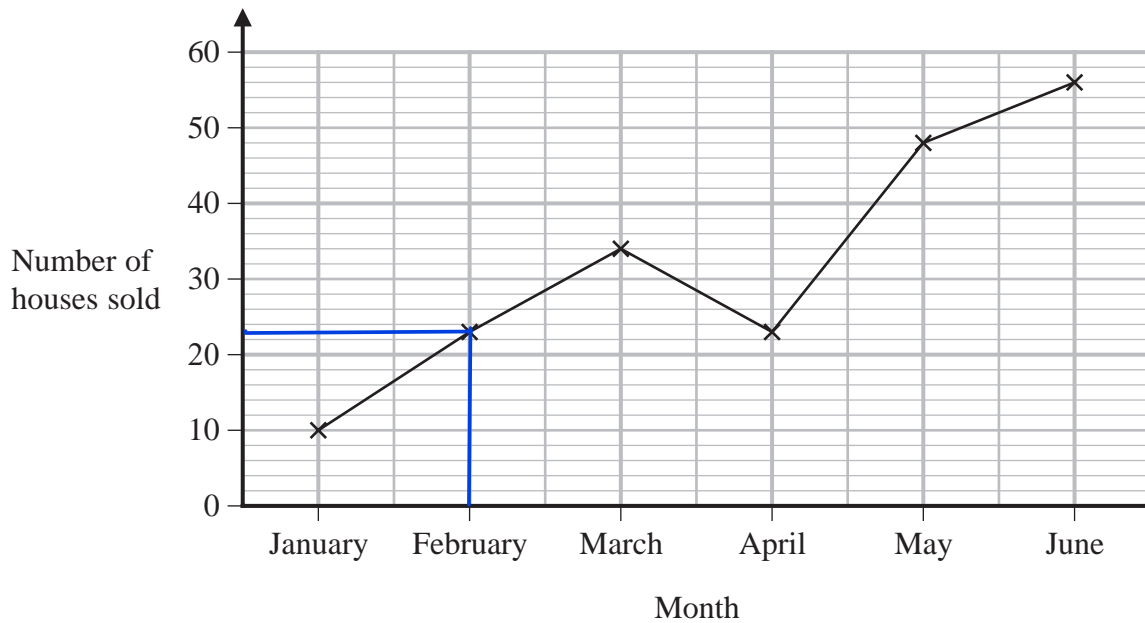
Each square is 5cm, so half a square is 2.5cm. ①

$15\text{cm} + 2.5\text{cm} = 17.5\text{cm}$.

(1)

(Total for Question 1 is 3 marks)

- 2 The graph shows information about the number of houses sold by an estate agent in each of six months last year.



- (a) How many houses were sold by the estate agent in February?

(1)

23

(1)

- (b) For this estate agent, write down the ratio of the number of houses sold in January to the number of houses sold in June.

Houses sold in January: 10 (1)

Houses sold in June: 56 (1)

Jan: Jun

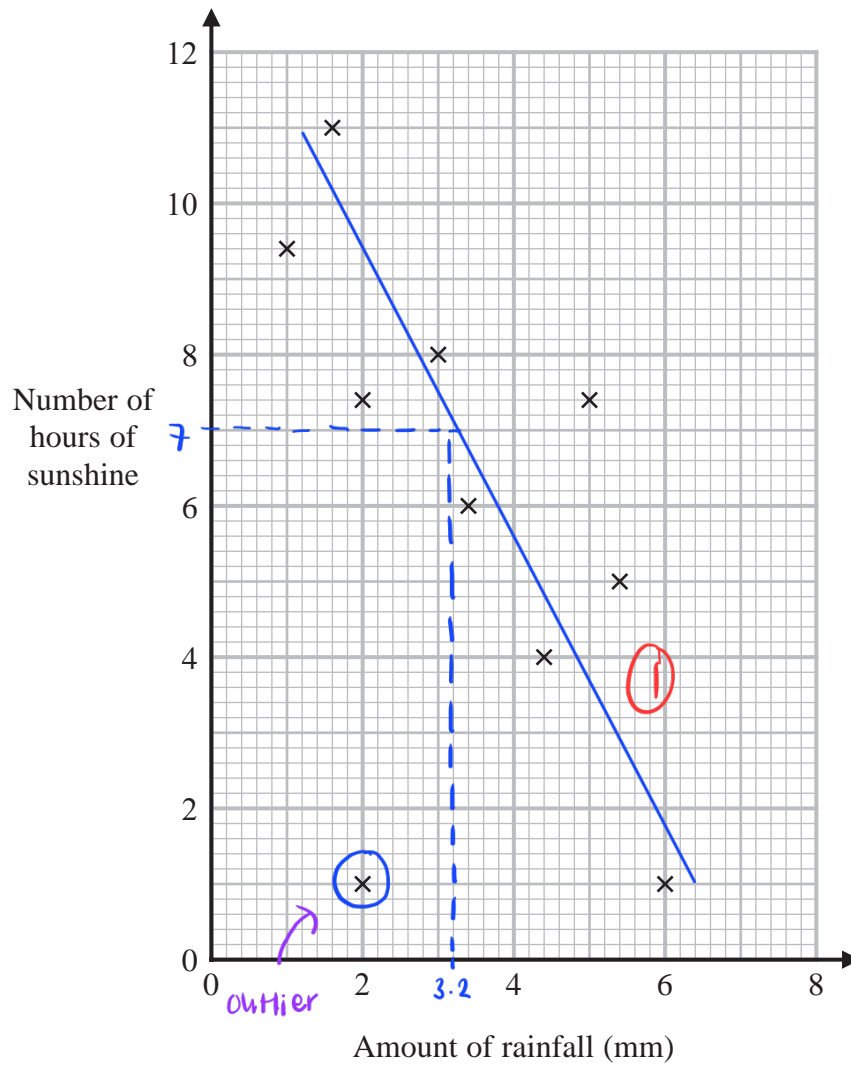
10 : 56

10:56 (1)

(2)

(Total for Question 2 is 3 marks)

- 3 The scatter graph shows information about the amount of rainfall, in mm, and the number of hours of sunshine for each of ten English towns on the same day.



One of the points is an outlier.

- (a) Write down the coordinates of this point.

(2 , 1)
 (1) ①

- (b) Ignoring the outlier, describe the relationship between the amount of rainfall and the number of hours of sunshine.

Amount of rainfall decreases as number of hours of sunshine

increases

①

(1)

On the same day in another English town there were 7 hours of sunshine.

- (c) Using the scatter graph, estimate the amount of rainfall in this town on this day.

3.2

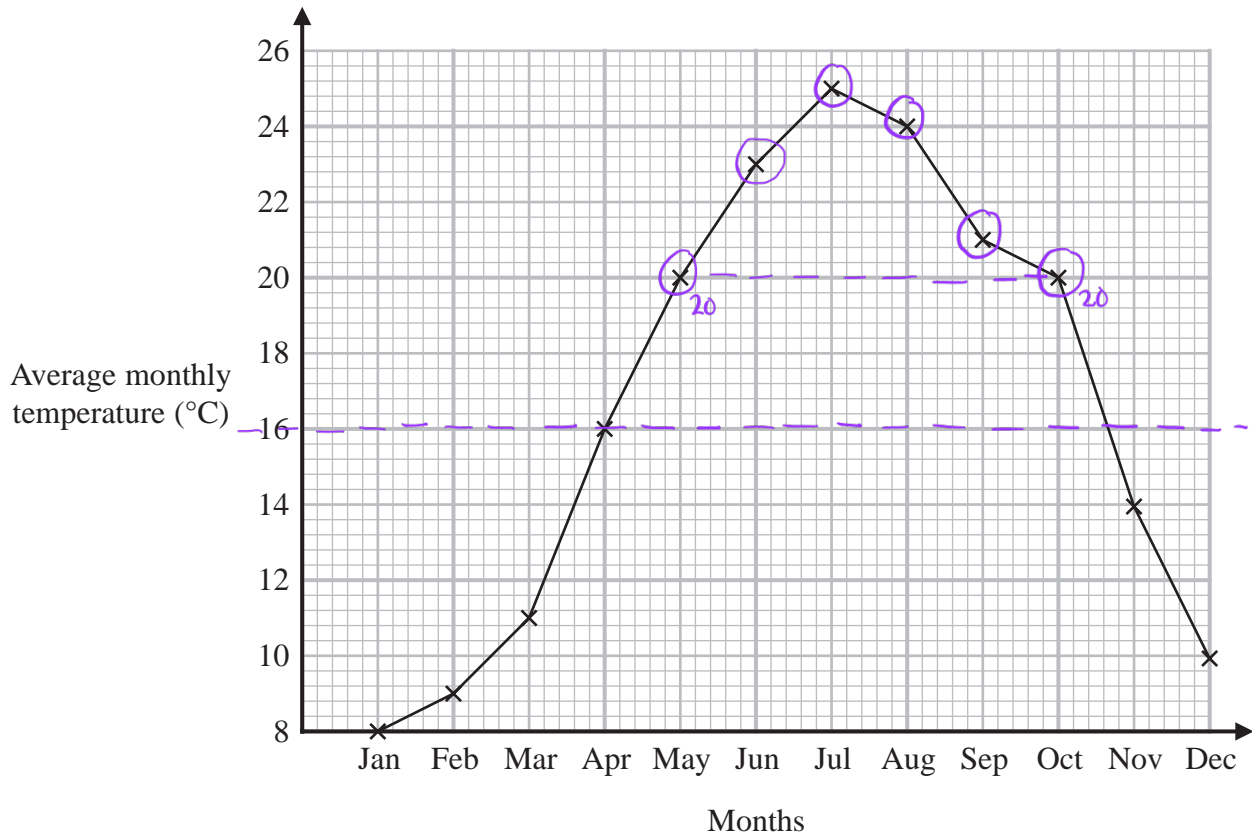
①

mm

(2)

(Total for Question 3 is 4 marks)

4 The graph shows information about the average monthly temperature, in °C, in Amman.



(a) For how many months was the average monthly temperature greater than 16°C?

6 (1)

(b) Write down the two months that had the same average monthly temperature.

May and October (1)

(Total for Question 4 is 2 marks)