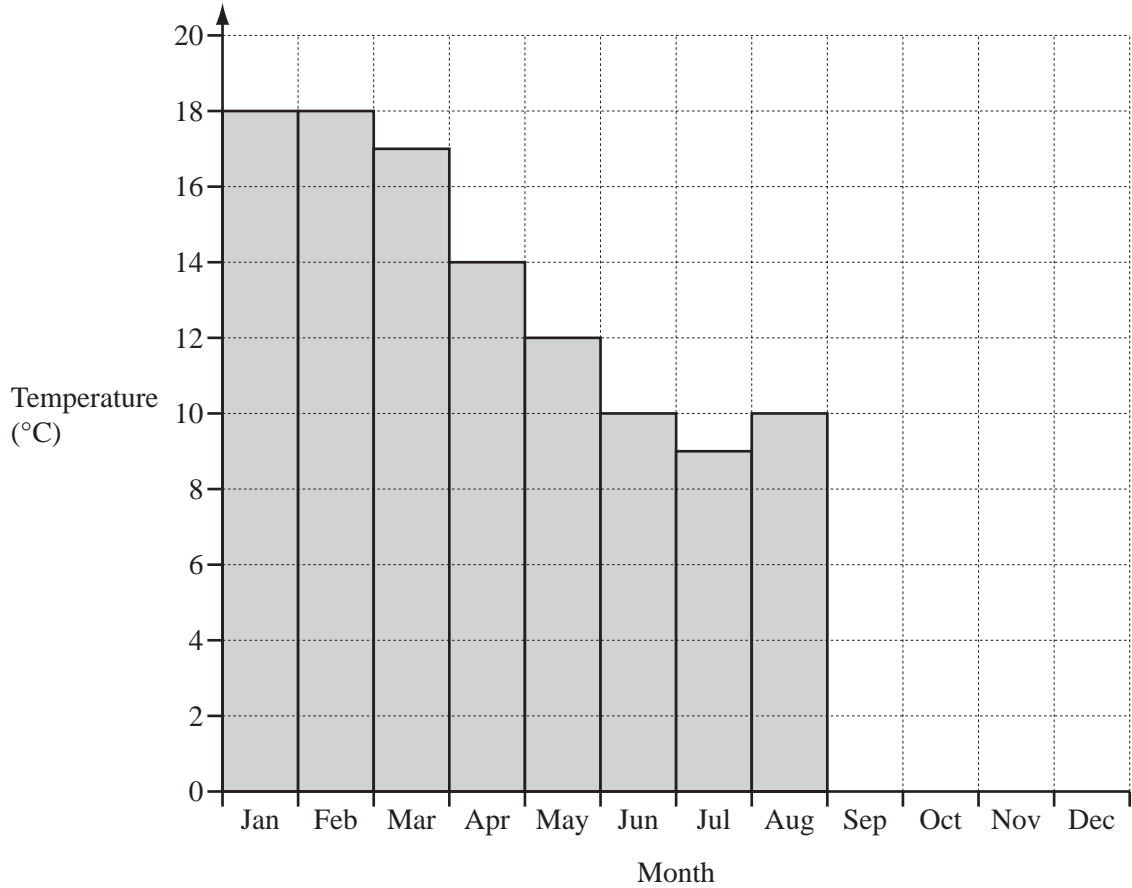


6 The table shows the average temperature and rainfall each month at Wellington airport.

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temperature (°C)	18	18	17	14	12	10	9	10	11	13	15	16
Rainfall (mm)	67	48	76	87	99	113	111	106	82	81	74	74

(a) Complete the bar chart to show the **temperature** each month.



[2]

(b) For the **rainfall** calculate

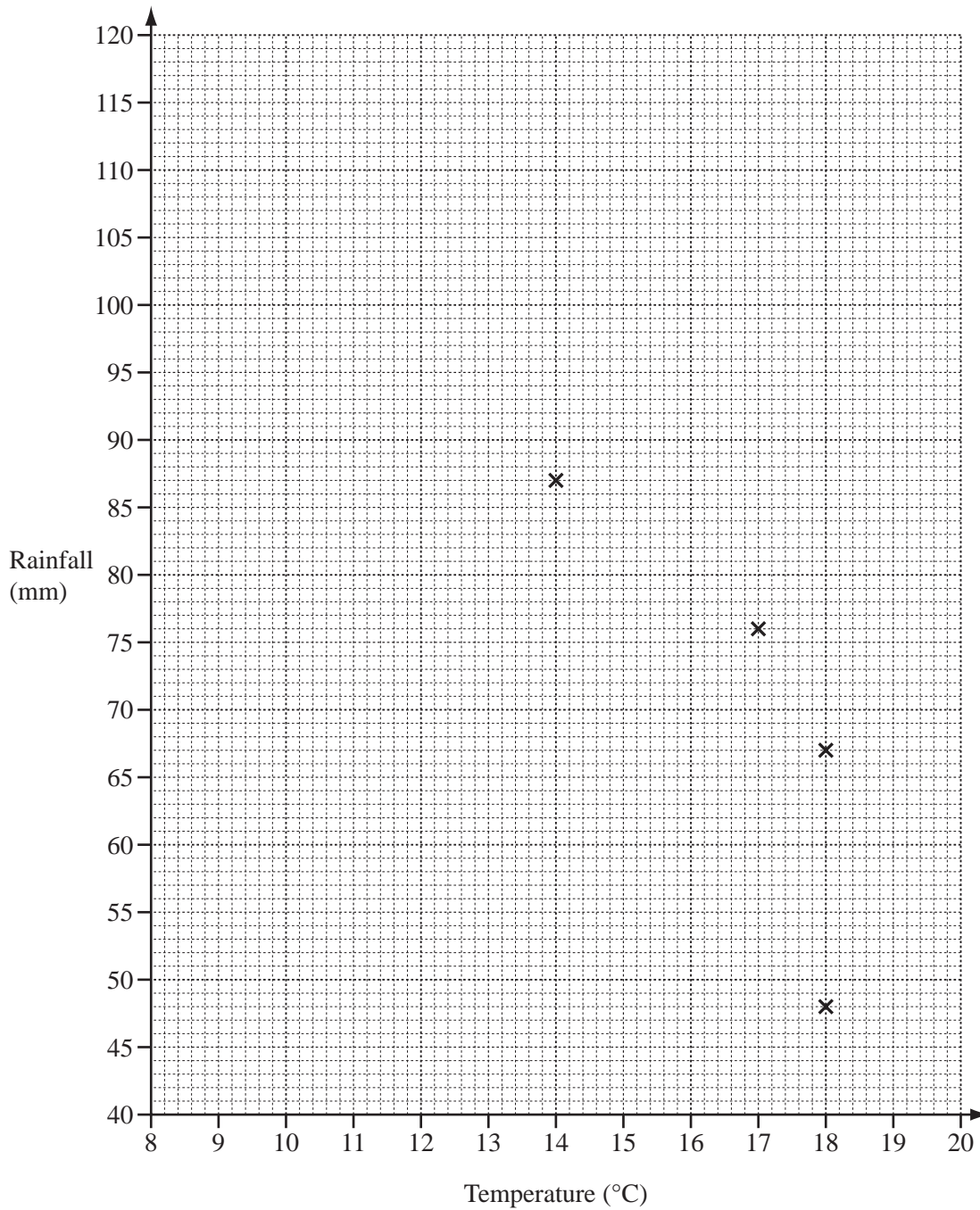
(i) the mean,

Answer(b)(i) mm [2]

(ii) the median.

Answer(b)(ii) mm [2]

(c) In the scatter diagram the rainfall for January to April is plotted against temperature.



- (i) Complete the scatter diagram by plotting the values for the months May to December. [3]
- (ii) Draw the line of best fit on the scatter diagram. [1]
- (iii) What type of correlation does the scatter diagram show?

Answer(c)(iii) [1]