4. The marks of 6 students in a test are 60, 58, 74, 80, 67 and x. Their mean mark is 70.
   (a) Find the value of x.
   (b) Hence, find the standard deviation of the marks.

5. The following list shows the number of days that each of the 8 employees in a company took medical leaves during a particular year.
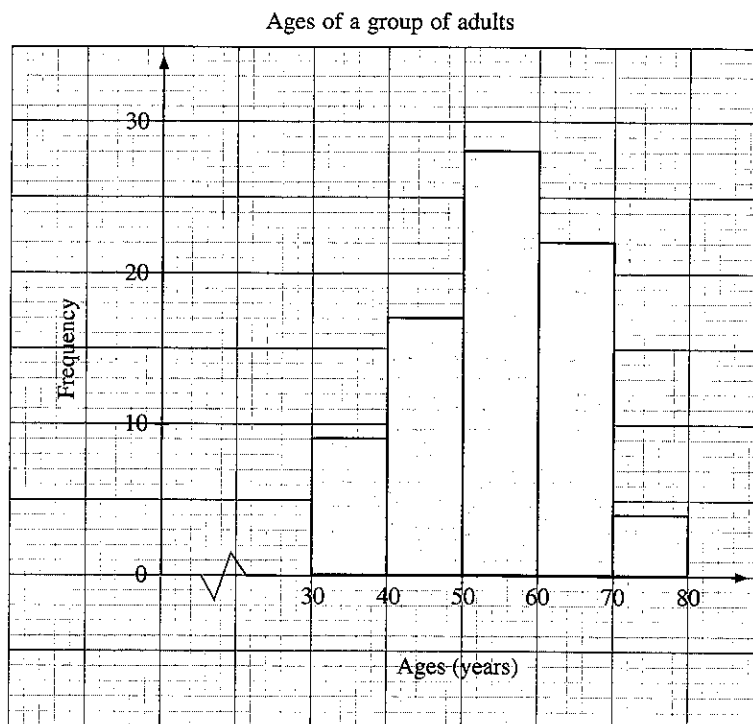
| 9 | 5 | 21 | 7 | 15 | 4 | 18 | x |

   (a) Find the minimum value of x if the median of the data is 12.
   (b) Using your answer in **(a)**,
      (i) write down the mode of the data,
      (ii) find the standard deviation of the data.

6. The number of emails received by Mrs Ling on each day over a 50-day period is shown in the following table.

Number of emails received (x)	$0 < x \le 5$	$5 < x \le 10$	$10 < x \le 15$	$15 < x \le 20$
Frequency	13	21	12	4

Estimate
   (a) the mean of the data,
   (b) the standard deviation of the data.

7. The histogram shows the ages of a group of adults.

Ages of a group of adults

   (a) Find the number of adults in the group.
   (b) Estimate the mean of the data.
   (c) Estimate the standard deviation of the data.