## Further Practice

3. The graph shows the cumulative frequency curve of the masses of 100 small parcels that arrived at a post office on a certain day.

Cumulative frequency curve for masses of parcels

(a) Copy and complete the following cumulative frequency table for the data.

| Mass $(\boldsymbol{x}$ kg $)$ | $\leqslant 0$ | $\leqslant 2$ | $\leqslant 4$ | $\leqslant 6$ | $\leqslant 8$ | $\leqslant 10$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Cumulative Frequency | 0 |  |  |  |  |  |

(b) Use your graph to estimate
(i) the number of parcels with masses greater than 7 kg ,
(ii) the percentage of parcels with masses equal to 3 kg or less.
4. The following diagram is the cumulative frequency curve for the Intelligence Quotient (IQ) of 300 students.

Cumulative frequency curve for the IQ of students


