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| **Representing Statistical Data Revision** | | | |
| **(a)** |  | **(b)** | **(c)** |
| The length in mm of 80 leaves is recorded in a grouped frequency table.   |  |  | | --- | --- | | Length (mm) | Frequency | |  | 4 | |  | 7 | |  | 15 | |  | 23 | |  | 22 | |  | 9 | | Complete a cumulative frequency table.   |  |  | | --- | --- | | Length (mm) | Cumulative Frequency | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | | Plot a cumulative frequency graph.  A graph paper with numbers and lines  Description automatically generated | (i) Find the median length.  (ii) Find the interquartile range of lengths.  (iii) Find an estimate for the number of leaves greater than 75 mm in length. |
| **(a)** | | **(b)** | **(c)** |
| The areas in of 200 gardens are recorded in a grouped frequency table. Calculate the frequency density.   |  |  |  |  | | --- | --- | --- | --- | | Area | Frequency |  |  | |  | 10 |  |  | |  | 25 |  |  | |  | 80 |  |  | |  | 65 |  |  | |  | 20 |  |  | | | Plot a histogram.  A graph paper with numbers  Description automatically generated | (i) Use your histogram to estimate the number of gardens that are larger than .  (ii) Use your histogram to estimate the median garden size. |