GCSE Higher Level Data 1 Extra information

Data set 1

The stem and leaf diagram shows the ages of people at a party.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 3 | 4 | 8 | 8 | 9 |  |  |  |  |  |  |  |
| 2 | 0 | 1 | 2 | 2 | 4 | 6 | 6 | 6 | 8 |  |  |  |
| 3 | 1 | 1 | 2 | 2 |  |  |  |  |  |  |  |  |
| 4 | 2 | 3 | 6 |  |  |  |  |  |  |  |  |  |
| 5 | 1 | 8 | 9 |  |  |  |  |  |  |  |  |  |
| 6 | 5 | 9 |  |  |  |  |  |  |  |  |  |  |
| 7 | 6 |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key: | 1 | 3 | = 13 years |  |

Data set 2

The stem and leaf diagram shows the weights of two groups of male 20 year olds, from towns A and B.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  | 5 | 1 | 0 | 0 | 6 | 2 | 2 | 3 | 4 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 6 | 4 | 2 | 7 | 1 | 7 | 8 | 9 |  |  |  |  |  |  |  |
| Town A |  |  |  |  | 7 | 7 | 6 | 5 | 1 | 8 | 0 | 4 | 4 | 4 | 6 |  |  |  |  |  | Town B |
|  |  |  |  |  | 9 | 8 | 7 | 4 | 0 | 9 | 0 | 2 | 3 | 5 | 5 | 9 |  |  |  |  |  |
|  |  |  |  | 6 | 4 | 2 | 2 | 2 | 1 | 10 | 2 | 3 | 3 | 4 | 6 | 6 | 7 | 9 |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Key: | 7 | 5 | = 75 kg |

Data set 3

A group of people were asked the question: “How many times did you shop at the supermarket last week?” Their responses are summarised in the table:

|  |  |
| --- | --- |
| Number  of visits | frequency |
| 0 | 1 |
| 1 | 3 |
| 2 | 7 |
| 3 | 5 |
| 4 | 4 |
| 5 | 3 |

Data set 4

The time it took to complete a frame of snooker at a tournament was recorded as follows:

|  |  |
| --- | --- |
| Time taken  (minutes) | frequency |
| 0 < t ≤ 10 | 10 |
| 10 < t ≤ 20 | 18 |
| 20 < t ≤ 30 | 17 |
| 30 < t ≤ 60 | 14 |

Data set 5

A group of people took part in a survey to find out how many hours per week they spend travelling by train.

|  |  |
| --- | --- |
| Hours per week | frequency |
| 0 < t ≤ 5 | 45 |
| 5 < t ≤ 10 | 20 |
| 10 < t ≤ 20 | 60 |
| 20 < t ≤ 35 | 24 |
| 35 < t ≤ 60 | 80 |

Data set 6

