|  |  |
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| Calculate the mode, median, mean and range from the data set below:15 17 20 17 17 22 18 | Calculate the mode, median, mean and range from the data set below:15 17 20 17 17 22 18 |
| Calculate the mode, median, mean and range from the data set below:15 17 20 17 17 22 18 | Calculate the mode, median, mean and range from the data set below:15 17 20 17 17 22 18 |
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| Plot the points on a scatter graph, describe the correlation and estimate the height of a student with size 7 shoes.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Height | 185 | 160 | 140 | 155 | 170 | 165 |
| Shoe size | 11 | 8 | 5 | 6 | 10 | 9 |

 | Plot the points on a scatter graph, describe the correlation and estimate the height of a student with size 7 shoes.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Height | 185 | 160 | 140 | 155 | 170 | 165 |
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| Height | 185 | 160 | 140 | 155 | 170 | 165 |
| Shoe size | 11 | 8 | 5 | 6 | 10 | 9 |

 |
| Calculate the modal class, an estimate for the mean and the class in which the median lies for the weights of these babies.

|  |  |  |  |
| --- | --- | --- | --- |
| Weight, w lb | Frequency |  |  |
| 0 < w ≤ 3 | 7 |  |  |
| 3 < w ≤ 6 | 46 |  |  |
| 6 < w ≤ 9 | 78 |  |  |
| 9 < w ≤ 12 | 9 |  |  |

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 |
| Draw a cumulative frequency graph for the heights of these 40 bushes:

|  |  |  |
| --- | --- | --- |
| Height (h cm) | Frequency | Cumu. Freq. |
| 170 ≤ h < 175 | 5 |  |
| 175 ≤ h < 180 | 18 |  |
| 180 ≤ h < 185 | 12 |  |
| 185 ≤ h < 190 | 4 |  |
| 190 ≤ h < 195 | 1 |  |

 | Draw a cumulative frequency graph for the heights of these 40 bushes:

|  |  |  |
| --- | --- | --- |
| Height (h cm) | Frequency | Cumu. Freq. |
| 170 ≤ h < 175 | 5 |  |
| 175 ≤ h < 180 | 18 |  |
| 180 ≤ h < 185 | 12 |  |
| 185 ≤ h < 190 | 4 |  |
| 190 ≤ h < 195 | 1 |  |

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|  |  |  |
| --- | --- | --- |
| Height (h cm) | Frequency | Cumu. Freq. |
| 170 ≤ h < 175 | 5 |  |
| 175 ≤ h < 180 | 18 |  |
| 180 ≤ h < 185 | 12 |  |
| 185 ≤ h < 190 | 4 |  |
| 190 ≤ h < 195 | 1 |  |

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|  |  |  |
| --- | --- | --- |
| Height (h cm) | Frequency | Cumu. Freq. |
| 170 ≤ h < 175 | 5 |  |
| 175 ≤ h < 180 | 18 |  |
| 180 ≤ h < 185 | 12 |  |
| 185 ≤ h < 190 | 4 |  |
| 190 ≤ h < 195 | 1 |  |

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|  |  |  |
| --- | --- | --- |
| Height (h cm) | Frequency | Cumu. Freq. |
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| 180 ≤ h < 185 | 12 |  |
| 185 ≤ h < 190 | 4 |  |
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|  |  |  |
| --- | --- | --- |
| Height (h cm) | Frequency | Cumu. Freq. |
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| 175 ≤ h < 180 | 18 |  |
| 180 ≤ h < 185 | 12 |  |
| 185 ≤ h < 190 | 4 |  |
| 190 ≤ h < 195 | 1 |  |

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|  |  |  |
| --- | --- | --- |
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| 175 ≤ h < 180 | 18 |  |
| 180 ≤ h < 185 | 12 |  |
| 185 ≤ h < 190 | 4 |  |
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| --- | --- | --- |
| Height (h cm) | Frequency | Cumu. Freq. |
| 170 ≤ h < 175 | 5 |  |
| 175 ≤ h < 180 | 18 |  |
| 180 ≤ h < 185 | 12 |  |
| 185 ≤ h < 190 | 4 |  |
| 190 ≤ h < 195 | 1 |  |

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| 185 ≤ h < 190 | 4 |  |
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 |
| Use the cumulative frequency graph below to draw a box plot for these 200 students’ marks in a test. The lowest mark scored in the test was 10. The highest mark scored in the test was 60. | Use the cumulative frequency graph below to draw a box plot for these 200 students’ marks in a test. The lowest mark scored in the test was 10. The highest mark scored in the test was 60. |
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| The incomplete table and histogram give some information about the distances walked by some students in a school in one year.a) Use the information in the histogram to complete the frequency table.b) Use the information in the table to complete the histogram. | The incomplete table and histogram give some information about the distances walked by some students in a school in one year.a) Use the information in the histogram to complete the frequency table.b) Use the information in the table to complete the histogram. |
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