

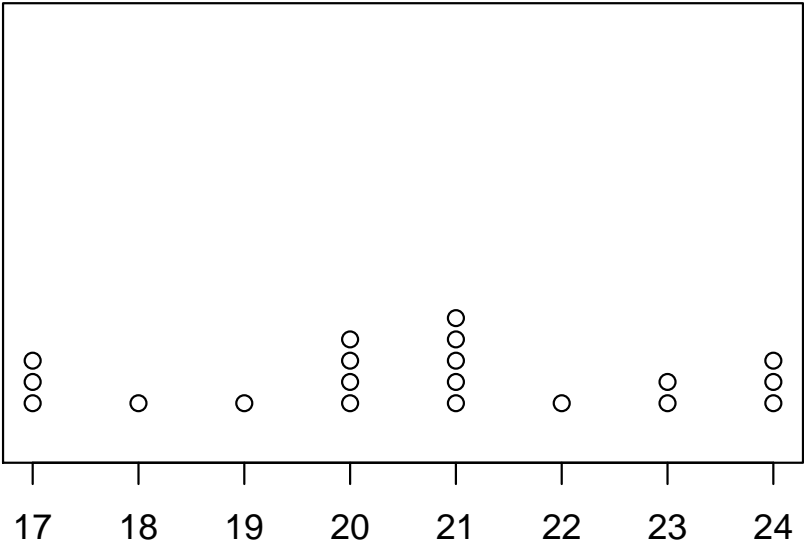
1. **Problem**
Please make a dot plot from the following (unsorted) data.

| | | | | |
|----|----|----|----|----|
| 20 | 21 | 17 | 21 | 21 |
| 24 | 21 | 20 | 17 | 17 |
| 20 | 21 | 24 | 22 | 24 |
| 23 | 18 | 19 | 23 | 20 |

Solution
Make a frequency table.

| value | frequency |
|-------|-----------|
| 17 | 3 |
| 18 | 1 |
| 19 | 1 |
| 20 | 4 |
| 21 | 5 |
| 22 | 1 |
| 23 | 2 |
| 24 | 3 |

Make the dot plot.



2. Problem

Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

| | | | | | |
|---------|---------|---------|---------|---------|---------|
| 55.7234 | 59.0974 | 58.5364 | 53.0591 | 56.0040 | 57.1772 |
| 51.6349 | 52.6723 | 53.3648 | 53.2782 | 57.2147 | 57.2681 |
| 57.7613 | 55.6188 | 52.0837 | 54.8619 | 57.1679 | 56.0109 |
| 58.2609 | 55.1582 | 54.9108 | 52.6420 | 53.3739 | 54.7276 |
| 53.7971 | 52.0611 | 57.8905 | 54.4138 | 54.3818 | 51.5909 |

Solution

Make a frequency table.

| value | frequency |
|-------|-----------|
| 52 | 4 |
| 53 | 6 |
| 54 | 3 |
| 55 | 4 |
| 56 | 4 |
| 57 | 4 |
| 58 | 3 |
| 59 | 2 |

Make the histogram.

Histogram