

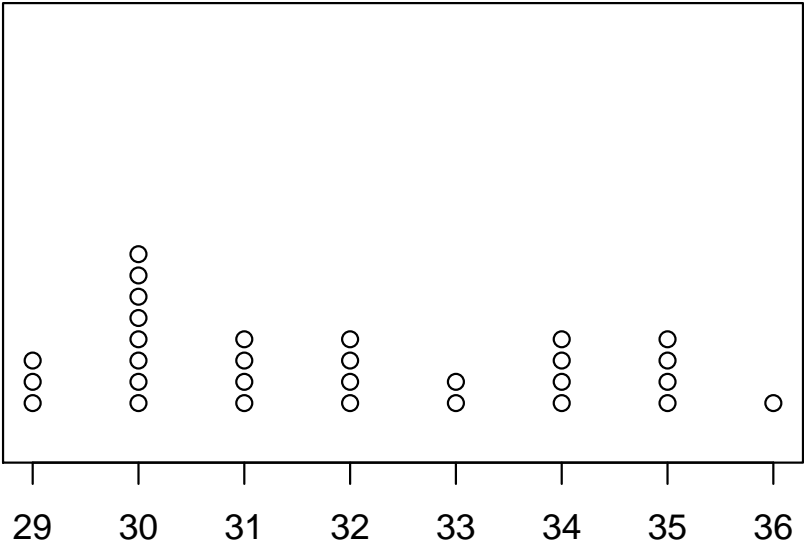
1. **Problem**
Please make a dot plot from the following (unsorted) data.

| | | | | | |
|----|----|----|----|----|----|
| 35 | 29 | 31 | 35 | 29 | 30 |
| 34 | 31 | 30 | 35 | 32 | 32 |
| 30 | 30 | 33 | 30 | 30 | 30 |
| 36 | 35 | 29 | 33 | 32 | 31 |
| 34 | 30 | 34 | 31 | 34 | 32 |

Solution
Make a frequency table.

| value | frequency |
|-------|-----------|
| 29 | 3 |
| 30 | 8 |
| 31 | 4 |
| 32 | 4 |
| 33 | 2 |
| 34 | 4 |
| 35 | 4 |
| 36 | 1 |

Make the dot plot.



2. Problem

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

| | | | | | |
|---------|---------|---------|---------|---------|---------|
| 42.8688 | 44.6370 | 47.3691 | 47.5822 | 46.8025 | 44.4190 |
| 43.1466 | 44.5278 | 44.9096 | 47.2377 | 46.3508 | 41.8186 |
| 41.8199 | 44.5865 | 45.9573 | 46.8065 | 44.5644 | 46.8368 |
| 44.3966 | 47.4738 | 44.6195 | 42.8227 | 45.4375 | 45.4011 |

Solution

Make a frequency table.

| value | frequency |
|-------|-----------|
| 42 | 2 |
| 43 | 3 |
| 44 | 2 |
| 45 | 8 |
| 46 | 2 |
| 47 | 6 |
| 48 | 1 |

Make the histogram.

Histogram

