

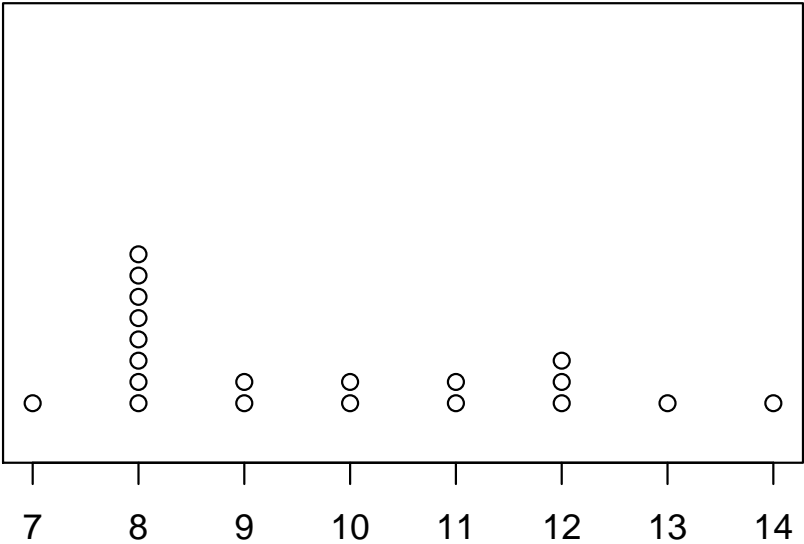
1. **Problem**
Please make a dot plot from the following (unsorted) data.

| | | | | |
|----|----|----|----|----|
| 8 | 7 | 11 | 8 | 10 |
| 8 | 8 | 8 | 8 | 9 |
| 13 | 11 | 9 | 8 | 12 |
| 14 | 10 | 12 | 12 | 8 |

Solution
Make a frequency table.

| value | frequency |
|-------|-----------|
| 7 | 1 |
| 8 | 8 |
| 9 | 2 |
| 10 | 2 |
| 11 | 2 |
| 12 | 3 |
| 13 | 1 |
| 14 | 1 |

Make the dot plot.



2. Problem

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

| | | | | |
|---------|---------|---------|---------|---------|
| 40.1580 | 39.6247 | 39.5327 | 42.4440 | 39.8159 |
| 42.4068 | 40.8399 | 39.9194 | 42.0660 | 42.0666 |
| 42.5139 | 39.1605 | 40.4399 | 41.2862 | 41.9782 |
| 41.6469 | 41.8345 | 40.8651 | 41.7041 | 42.8659 |

Solution

Make a frequency table.

| value | frequency |
|-------|-----------|
| 39 | 1 |
| 40 | 6 |
| 41 | 3 |
| 42 | 8 |
| 43 | 2 |

Make the histogram.

Histogram