

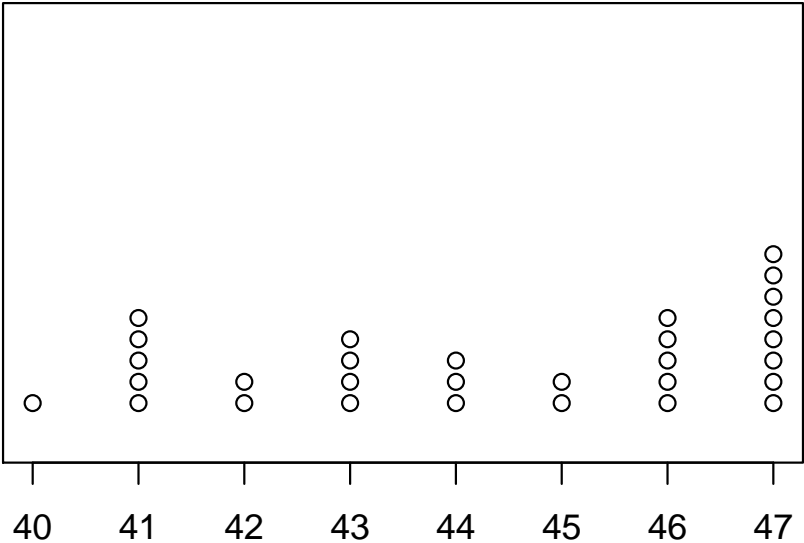
1. **Problem**  
Please make a dot plot from the following (unsorted) data.

|    |    |    |    |    |    |
|----|----|----|----|----|----|
| 42 | 47 | 46 | 47 | 44 | 46 |
| 43 | 46 | 41 | 45 | 47 | 40 |
| 42 | 46 | 46 | 45 | 41 | 47 |
| 44 | 41 | 47 | 47 | 43 | 43 |
| 43 | 47 | 44 | 41 | 41 | 47 |

**Solution**  
Make a frequency table.

| value | frequency |
|-------|-----------|
| 40    | 1         |
| 41    | 5         |
| 42    | 2         |
| 43    | 4         |
| 44    | 3         |
| 45    | 2         |
| 46    | 5         |
| 47    | 8         |

Make the dot plot.



**2. Problem**

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

|         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|
| 45.3088 | 47.8861 | 49.7345 | 50.9837 | 49.6834 | 50.8808 |
| 51.0294 | 44.0752 | 45.6497 | 50.6279 | 43.7645 | 50.9615 |
| 47.8595 | 49.5505 | 47.4423 | 45.3670 | 44.7608 | 50.3747 |
| 45.2621 | 43.7532 | 43.4613 | 43.8138 | 48.5405 | 47.7909 |
| 50.9094 | 44.0930 | 48.5291 | 43.2747 | 46.9167 | 47.1179 |

**Solution**

Make a frequency table.

| value | frequency |
|-------|-----------|
| 43    | 2         |
| 44    | 5         |
| 45    | 4         |
| 46    | 1         |
| 47    | 3         |
| 48    | 3         |
| 49    | 2         |
| 50    | 4         |
| 51    | 6         |

Make the histogram.

### Histogram

