

**1. Problem**

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

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11	12	11	12	11	10
10	10	10	10	11	11
13	11	10	14	16	13
13	15	13	14	10	11

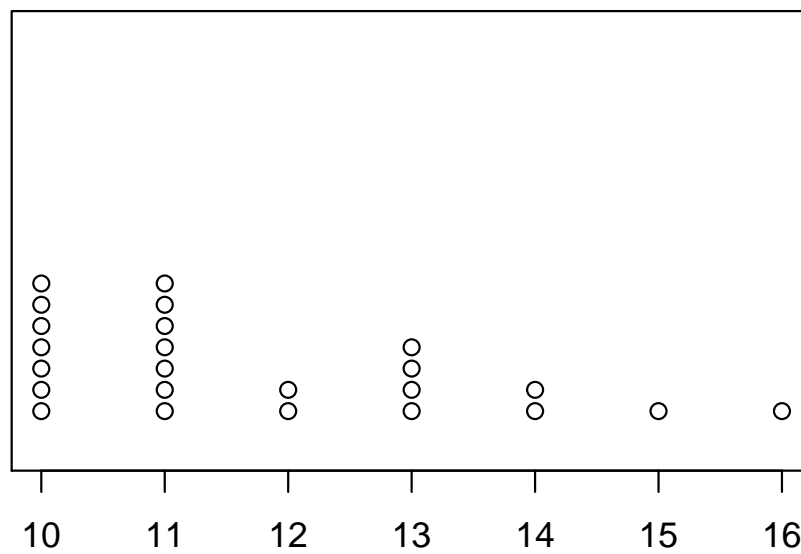
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**Solution**

Make a frequency table.

value	frequency
10	7
11	7
12	2
13	4
14	2
15	1
16	1

Make the dot plot.



**2. Problem**

Please make a bar chart of frequencies from the following (unsorted) discrete data.

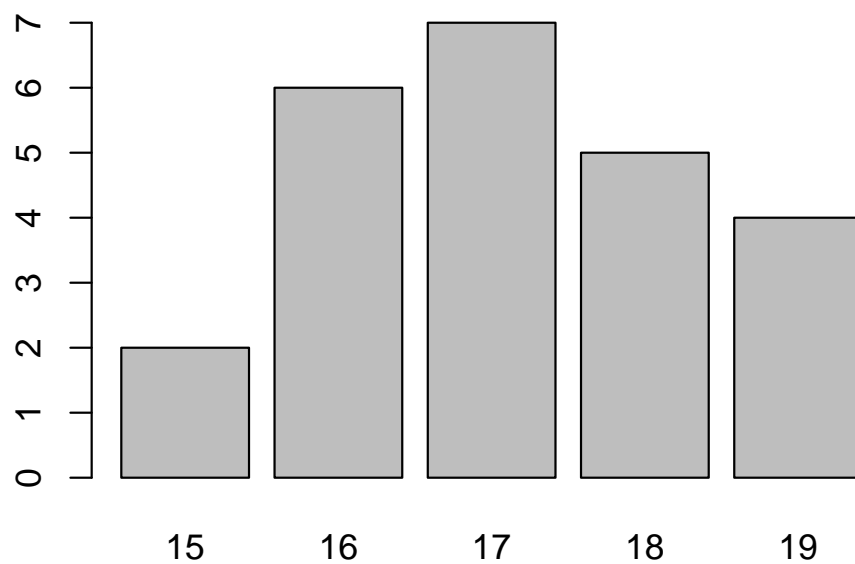
16	19	18	19	18	17
19	17	18	16	17	16
18	16	17	17	17	16
17	18	15	19	16	15

**Solution**

Make a frequency table.

value	frequency
15	2
16	6
17	7
18	5
19	4

Make the bar chart.



**3. Problem**

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

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40.9169	41.1274	39.8054	40.1961	41.7454	38.8381
39.2703	42.1645	42.1685	37.5806	37.9546	41.2419
40.7244	40.6315	40.2503	40.9494	39.5333	40.3287
40.2085	38.7031	39.8654	41.7110	37.7139	41.7815
40.0384	40.1988	37.9553	38.9990	40.5454	36.6147

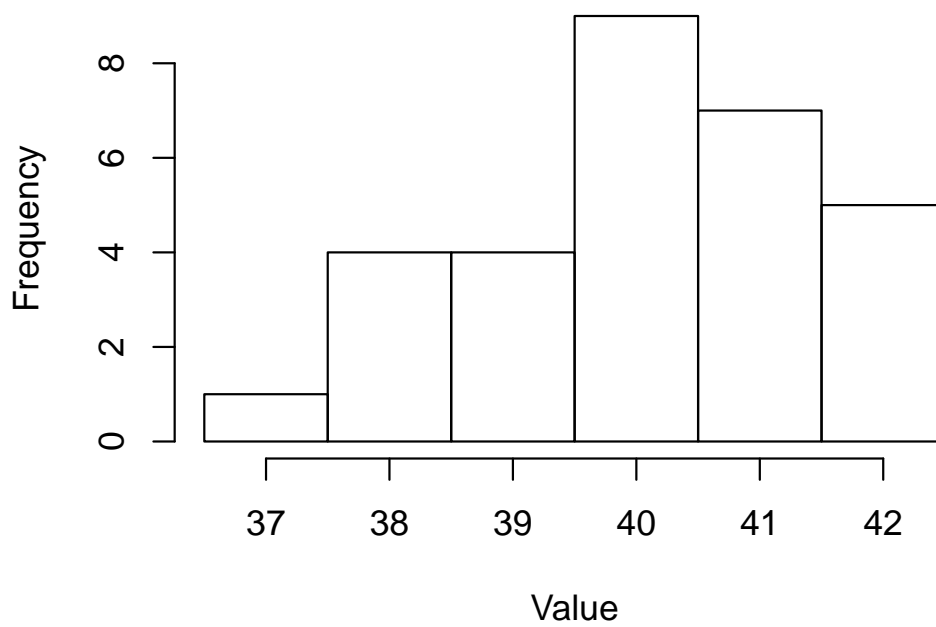
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**Solution**

Make a frequency table.

value	frequency
37	1
38	4
39	4
40	9
41	7
42	5

Make the histogram.

**Histogram**

**4. Problem**

Please make a frequency histogram from the following (sorted) continuous data by rounding to the nearest multiple of 5.

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22.5230	22.8885	23.7250	23.8235
29.7255	29.7590	32.8950	33.2675
33.7170	34.7225	36.6885	37.1050
38.9455	40.5055	40.8620	44.1745
44.8300	45.3115	49.6465	52.2990

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**Solution**

Make a frequency table.

value	frequency
25	4
30	2
35	6
40	3
45	3
50	2

Make the histogram.

**Histogram**