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

57	57	59	62	60	62
59	57	62	59	59	58
59	58	61	57	57	63
58	57	60	59	59	58
57	57	60	62	58	57

Solution
Make a frequency table.

value	frequency
57	9
58	5
59	7
60	3
61	1
62	4
63	1

Make the dot plot.
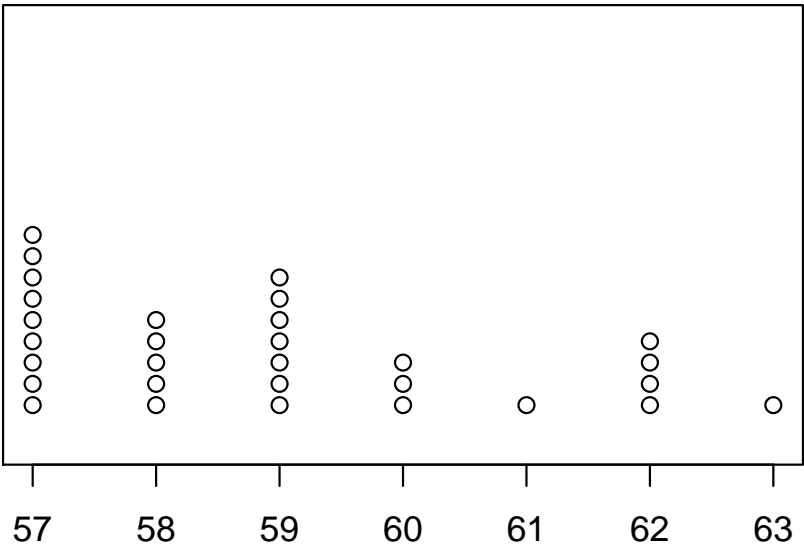
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
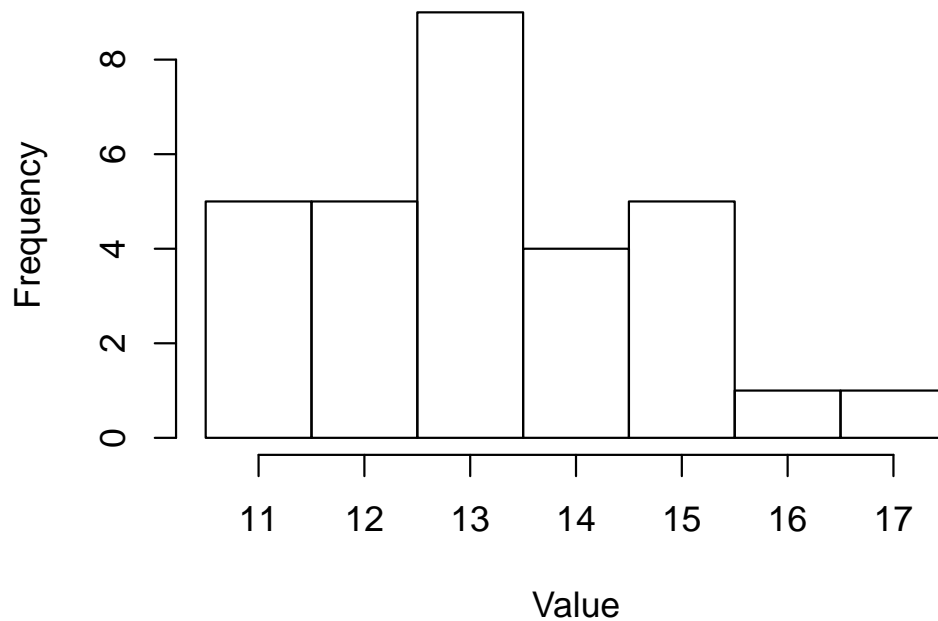
14.4092	13.3062	11.9966	16.2553	11.0495	11.4697
14.6091	13.3450	12.9148	12.5083	14.6858	14.0449
11.7254	11.2392	12.6988	12.2262	11.4872	16.7402
13.4566	13.8675	12.3549	13.0917	15.3676	12.7781
12.6157	11.1744	14.7213	11.5667	15.3025	13.6135

Solution
Make a frequency table.

value	frequency
11	5
12	5
13	9
14	4
15	5
16	1
17	1

Make the histogram.

Histogram

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

33	34	33	32	34
36	36	34	32	36
34	32	37	36	36
32	33	37	38	38

   Solution
   Make a frequency table.

value	frequency
32	4
33	3
34	4
35	0
36	5
37	2
38	2

   Make the dot plot.
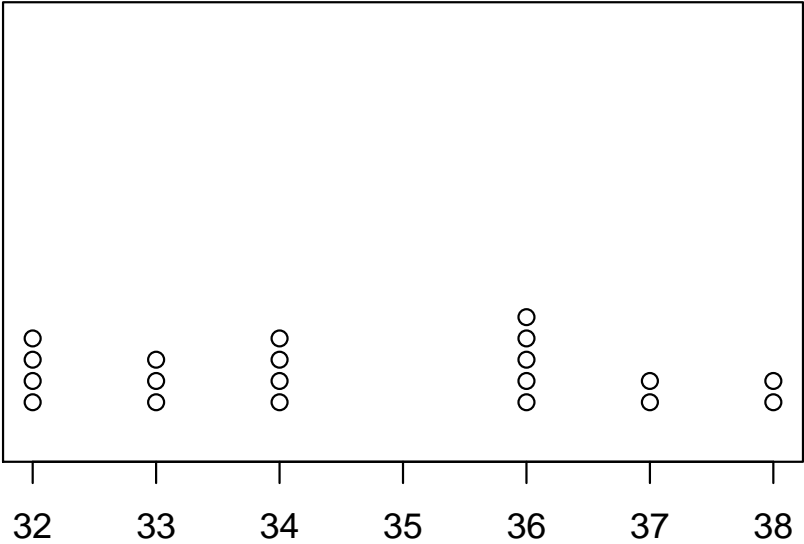
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
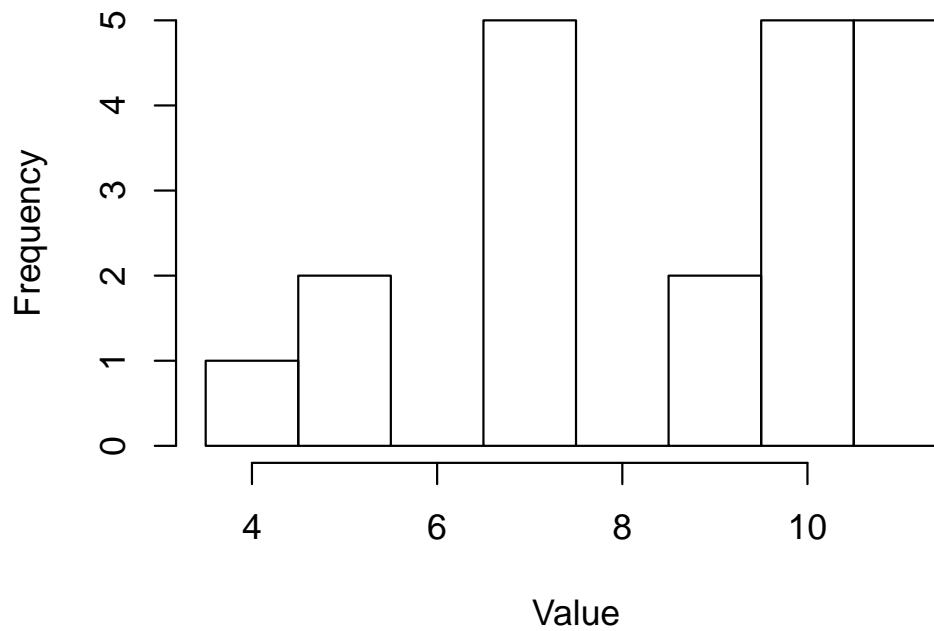
9.9202	6.8003	3.5734	9.6007	4.8794
6.9588	8.6315	6.8226	9.3403	5.3562
11.1734	11.1624	10.7911	10.1028	10.5206
9.8034	7.1830	10.6311	10.1188	6.9063

Solution
Make a frequency table.

value	frequency
4	1
5	2
6	0
7	5
8	0
9	2
10	5
11	5

Make the histogram.

Histogram

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

34	33	35	37	35	32
35	35	36	33	35	36
35	34	34	33	37	33
38	37	37	35	33	37
36	36	32	38	36	32

Solution
Make a frequency table.

value	frequency
32	3
33	5
34	3
35	7
36	5
37	5
38	2

Make the dot plot.
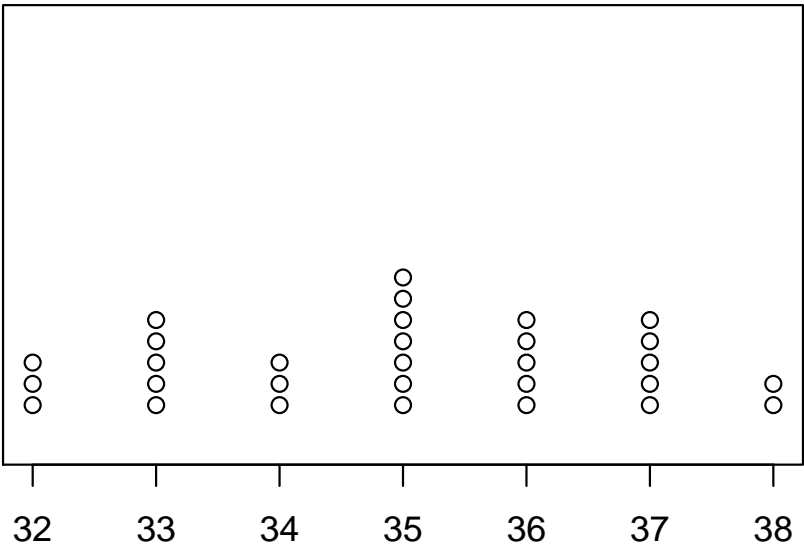
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

31.0915	30.0695	34.1894	35.5487	32.2125	32.1810
33.2698	35.1780	36.0380	33.3485	30.7000	35.6307
32.2753	32.3658	30.2527	33.2016	31.8191	36.4750
32.6105	31.2587	33.7788	30.3441	33.6838	30.0780

Solution
Make a frequency table.

value	frequency
30	4
31	3
32	5
33	4
34	3
35	1
36	4

Make the histogram.

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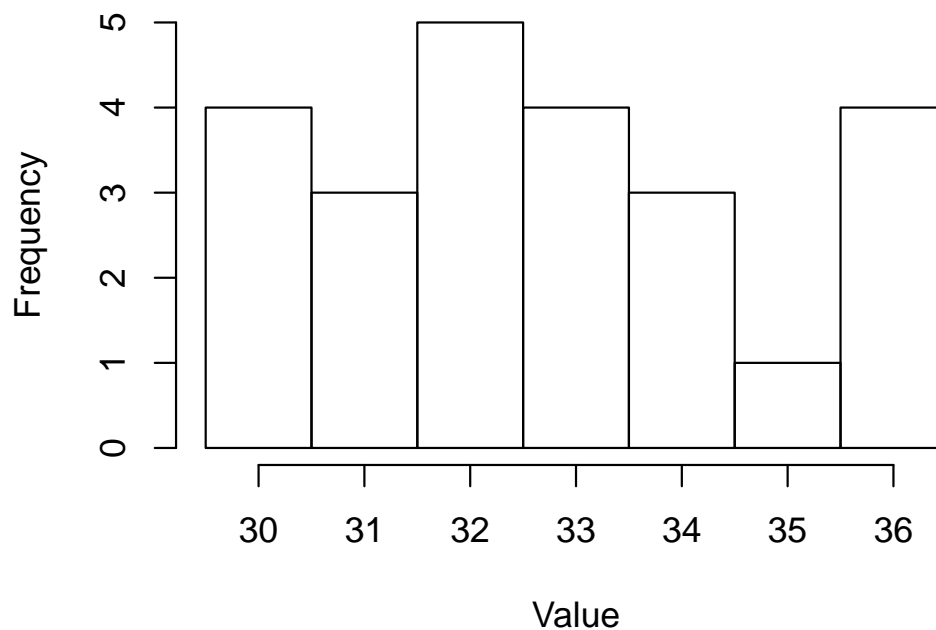
1. **Problem**
Please make a dot plot from the following (unsorted) data.

13	9	12	13	8	12
13	8	12	13	7	10
10	13	9	9	13	12
13	11	8	11	11	12

Solution
Make a frequency table.

value	frequency
7	1
8	3
9	3
10	2
11	3
12	5
13	7

Make the dot plot.
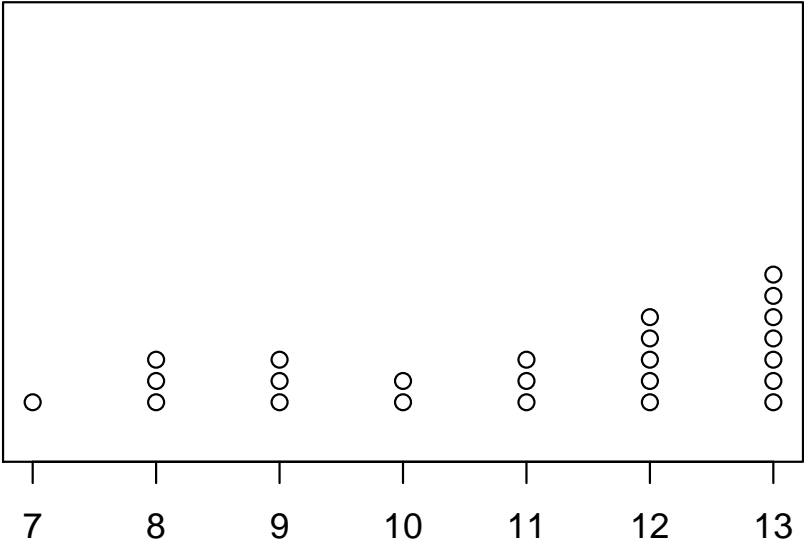
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
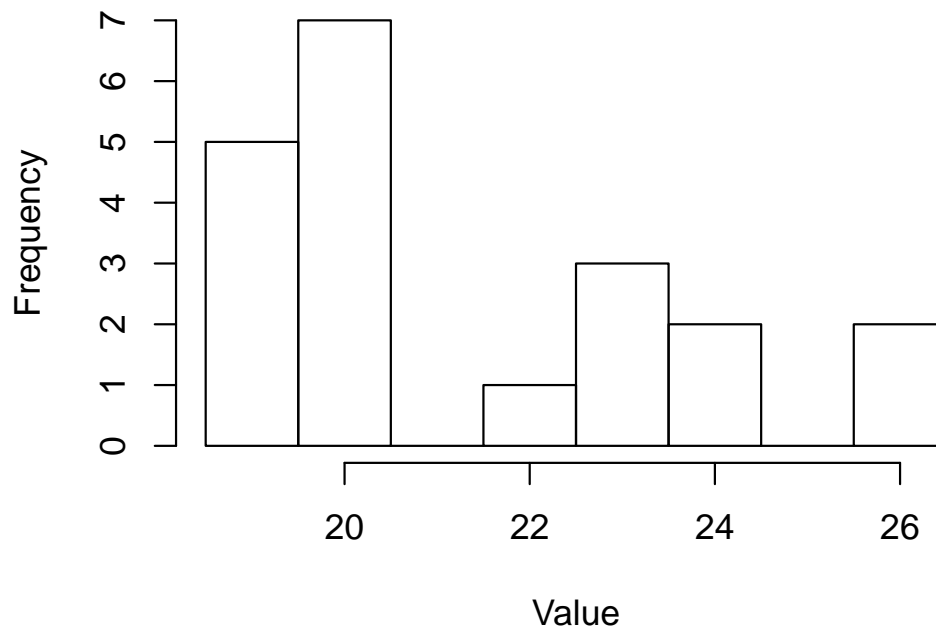
26.2582	19.5141	22.8676	23.2565	19.7521
20.1208	23.2340	25.6795	20.1155	19.3399
19.9700	21.6214	19.5921	20.0589	24.3903
18.9685	23.5553	19.3946	19.3890	18.9969

Solution
Make a frequency table.

value	frequency
19	5
20	7
21	0
22	1
23	3
24	2
25	0
26	2

Make the histogram.

Histogram

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

41	41	41	39	39	40
39	36	41	41	35	37
39	40	38	38	41	40
34	41	40	36	37	41

Solution
Make a frequency table.

value	frequency
34	1
35	1
36	2
37	2
38	2
39	4
40	4
41	8

Make the dot plot.
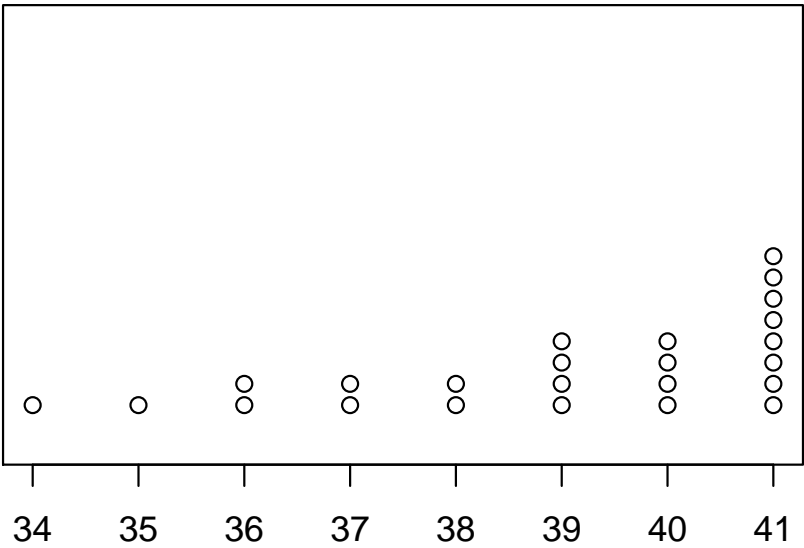
2. **Problem**

Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
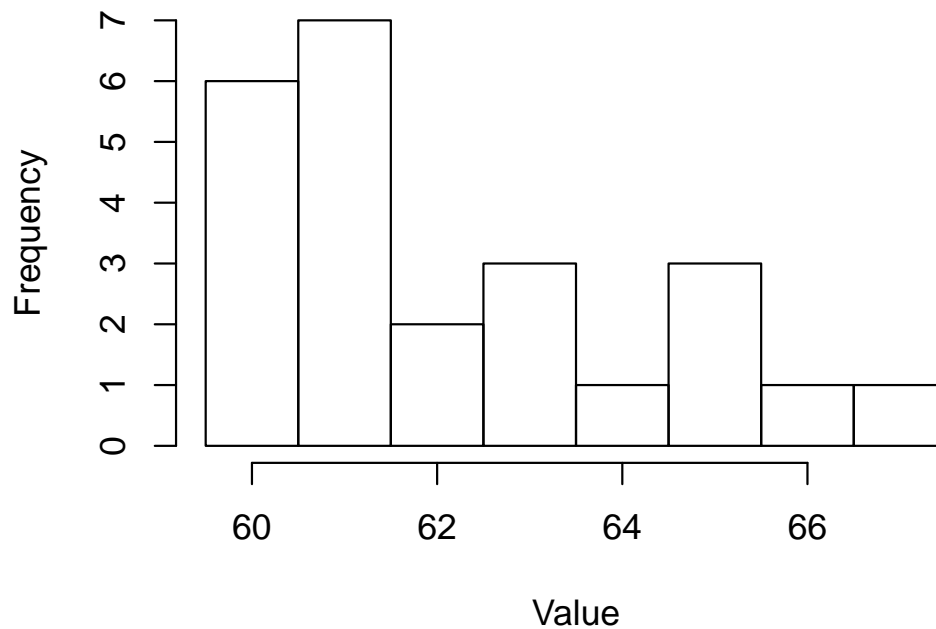
62.3165	66.8490	63.3147	62.2431	61.1814	62.9456
60.4594	64.9234	66.3899	60.4749	63.1669	60.6765
60.1324	64.1351	60.2133	61.2250	61.2795	65.2670
61.0507	61.1449	60.8122	64.6842	60.3854	60.2798

Solution

Make a frequency table.

value	frequency
60	6
61	7
62	2
63	3
64	1
65	3
66	1
67	1

Make the histogram.

Histogram

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.
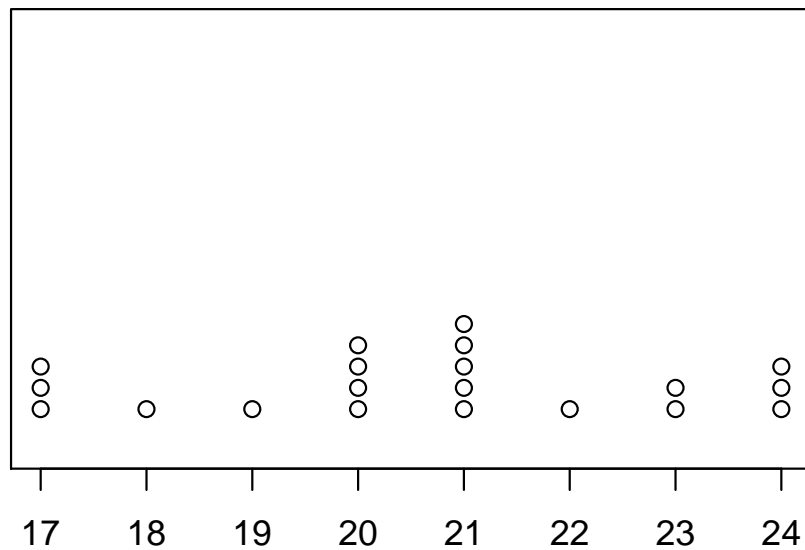
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
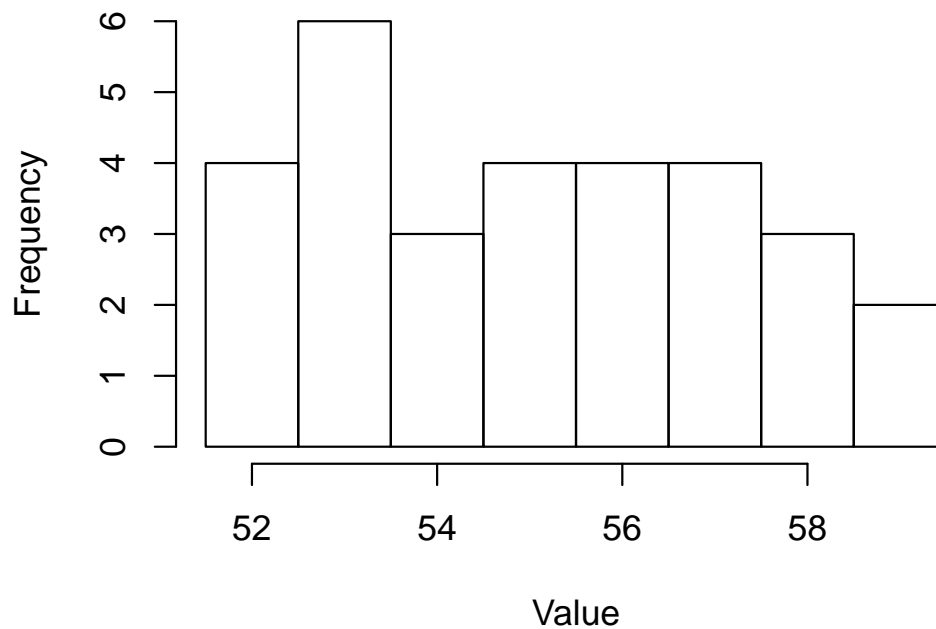
55.7234	59.0974	58.5364	53.0591	56.0040	57.1772
51.6349	52.6723	53.3648	53.2782	57.2147	57.2681
57.7613	55.6188	52.0837	54.8619	57.1679	56.0109
58.2609	55.1582	54.9108	52.6420	53.3739	54.7276
53.7971	52.0611	57.8905	54.4138	54.3818	51.5909

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

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

53	55	54	55	51	55
54	53	54	55	52	54
54	51	52	51	51	55
53	51	54	51	51	54

   Solution
   Make a frequency table.

value	frequency
51	7
52	2
53	3
54	7
55	5

   Make the dot plot.
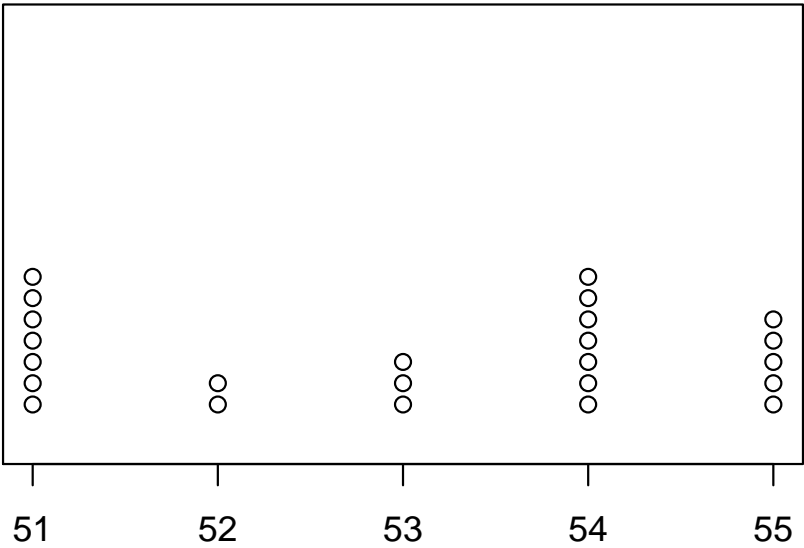
2. **Problem**

Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
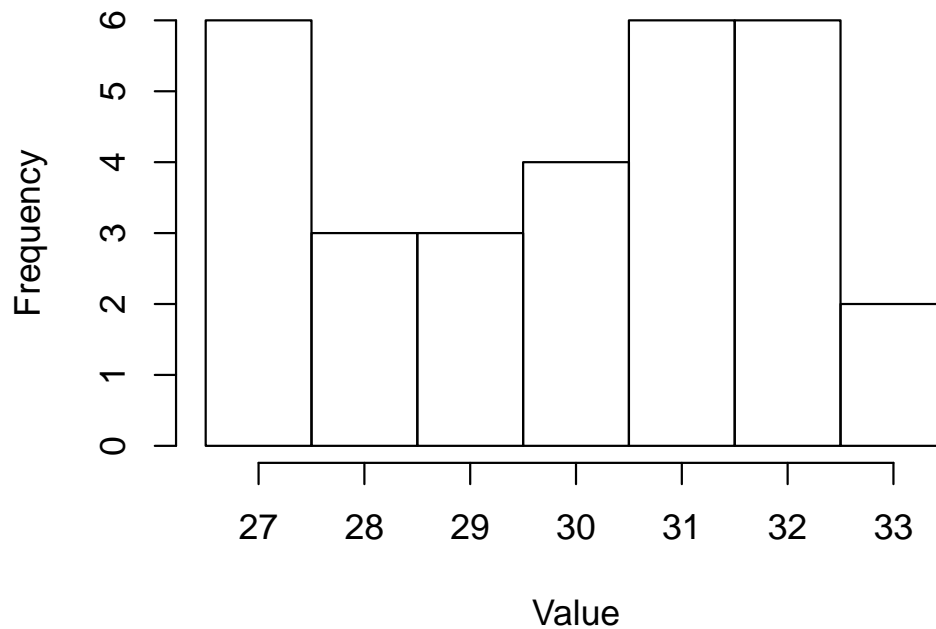
32.8201	27.7238	26.8074	29.1022	26.8669	31.1417
27.2485	29.5684	32.2030	28.2653	27.0917	31.5793
29.1215	27.6318	27.4419	29.8927	32.5300	26.7177
30.3773	31.1362	30.5521	30.5156	31.8444	31.9692
30.1981	31.9197	31.0182	31.5077	30.5075	28.5467

Solution

Make a frequency table.

value	frequency
27	6
28	3
29	3
30	4
31	6
32	6
33	2

Make the histogram.

1. **Problem**

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

5	9	9	6	5
8	8	9	6	8
5	9	5	7	6
3	7	3	9	6

   Solution

   Make a frequency table.

value	frequency
3	2
4	0
5	4
6	4
7	2
8	3
9	5

   Make the dot plot.
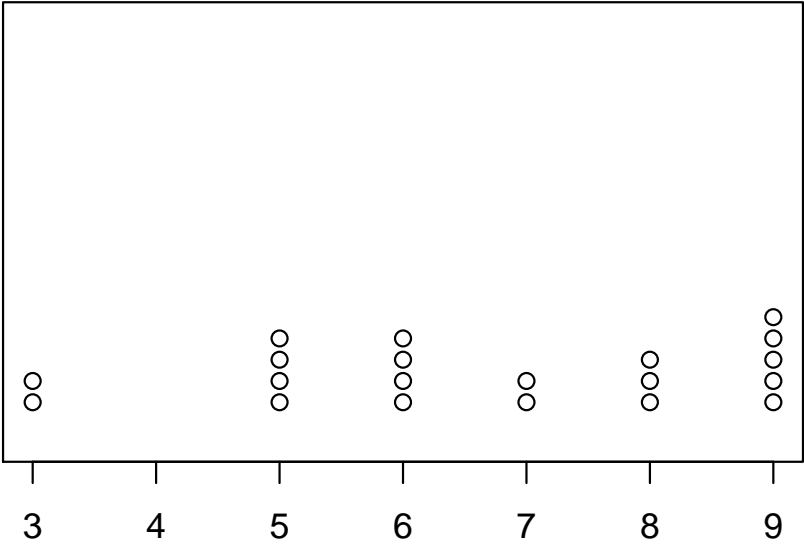
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

37.7989	34.1300	36.7980	36.1795	40.0247	38.4524
35.3163	37.2925	38.8928	38.0990	36.8374	38.4965
37.1272	34.8052	37.7937	39.9539	35.9052	38.6013
39.1471	36.9025	35.6244	39.2483	37.5470	37.4595
39.8873	40.1424	37.3773	35.4315	38.5620	39.7125

Solution
Make a frequency table.

value	frequency
34	1
35	3
36	3
37	7
38	6
39	5
40	5

Make the histogram.

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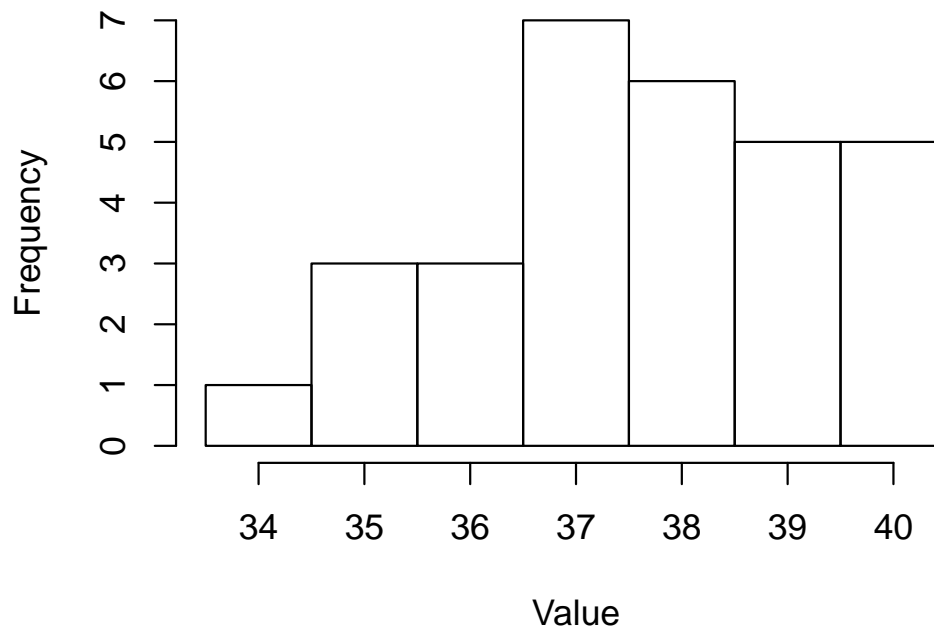
1. **Problem**
   Please make a dot plot from the following (unsorted) data.

56	53	59	55	57
53	54	57	53	58
53	58	54	56	56
58	57	53	52	58

   Solution
   Make a frequency table.

value	frequency
52	1
53	5
54	2
55	1
56	3
57	3
58	4
59	1

   Make the dot plot.
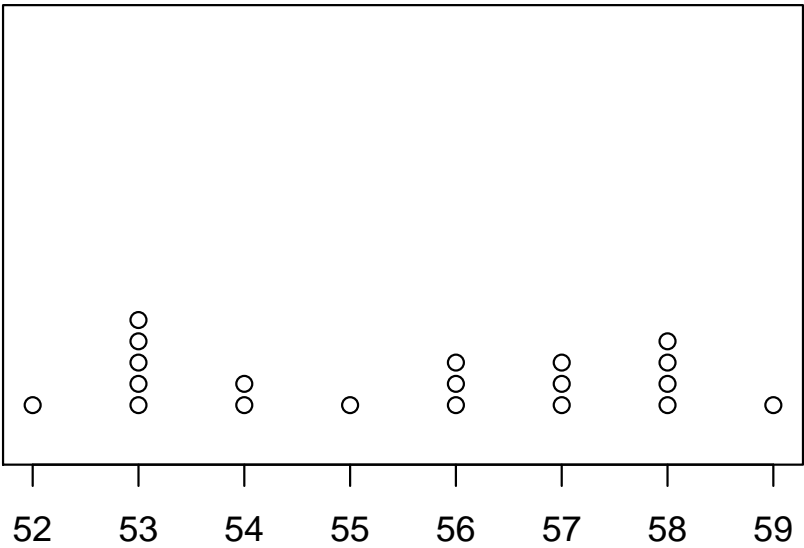
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
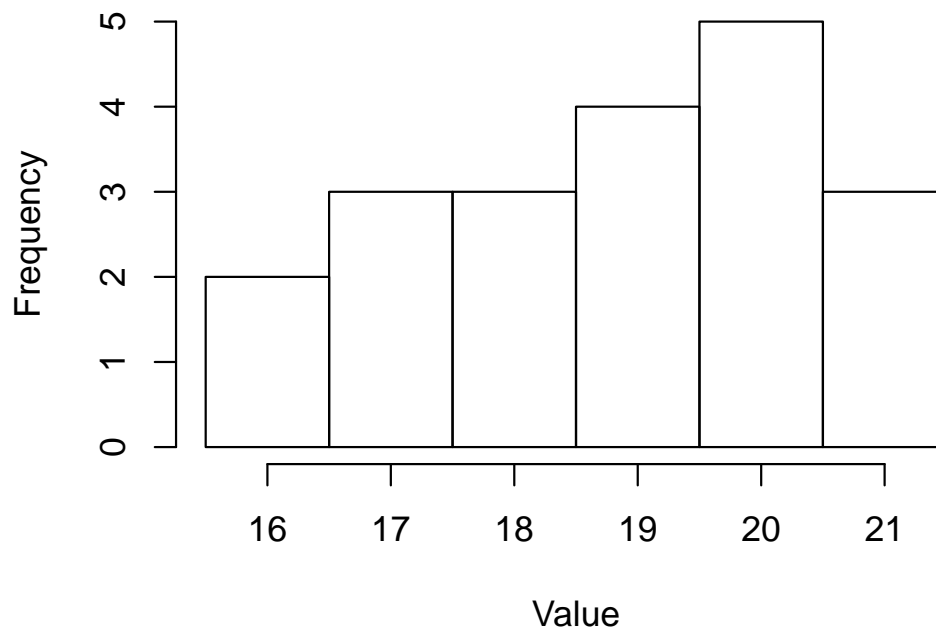
18.3925	16.3448	19.9399	20.5184	20.8517
17.3239	20.9141	20.0268	16.9699	20.1580
16.8543	16.1740	18.1335	19.5557	19.0314
20.0141	19.0962	19.0479	17.7766	18.9264

Solution
Make a frequency table.

value	frequency
16	2
17	3
18	3
19	4
20	5
21	3

Make the histogram.

Histogram

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

6	5	6	4	5	4
8	6	8	7	10	7
6	5	11	7	8	5
10	8	5	11	9	9

Solution
Make a frequency table.

value	frequency
4	2
5	5
6	4
7	3
8	4
9	2
10	2
11	2

Make the dot plot.
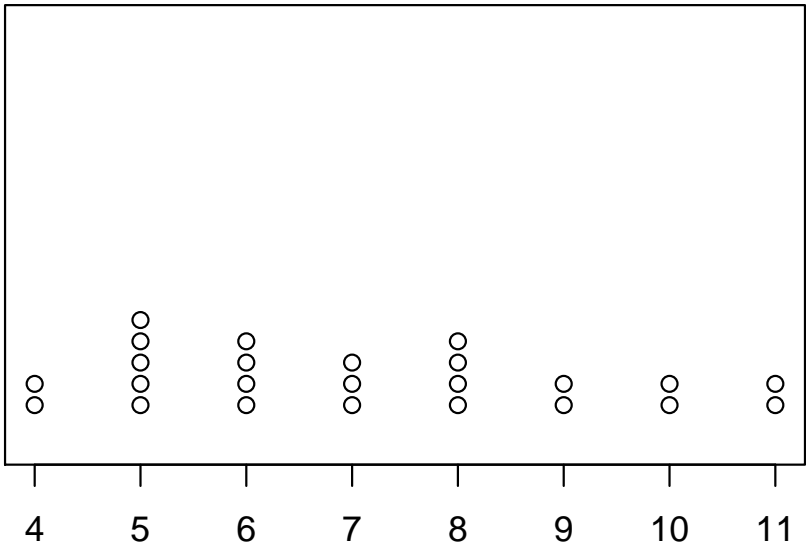
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
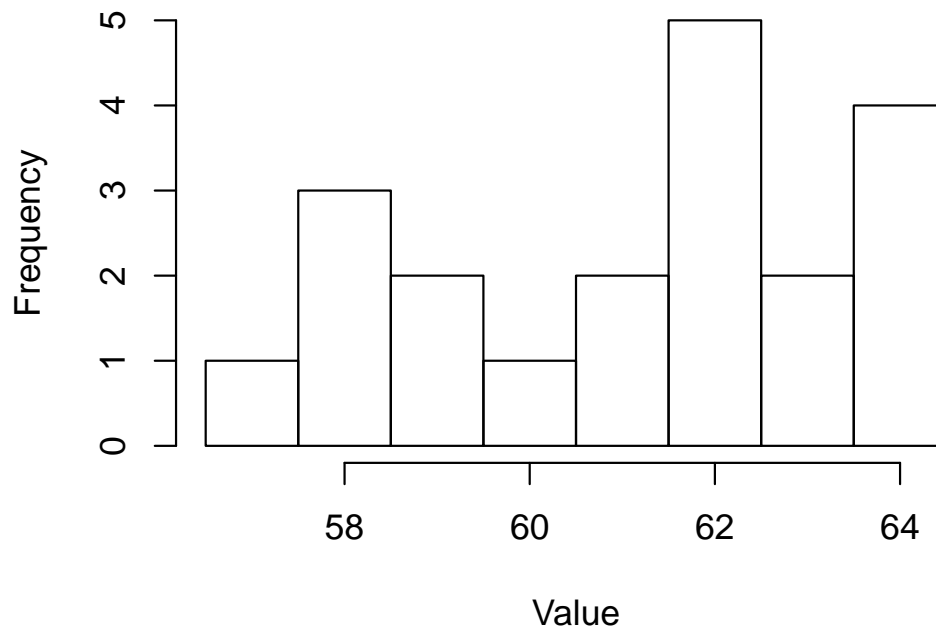
58.4483	56.8671	62.1813	61.6532	63.6543
58.5651	60.9767	63.8093	61.5173	63.2685
60.0512	63.6883	63.8351	62.2625	58.0857
58.1186	61.7829	63.0876	59.4203	61.4544

Solution
Make a frequency table.

value	frequency
57	1
58	3
59	2
60	1
61	2
62	5
63	2
64	4

Make the histogram.

Histogram

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

28	24	27	29	26
25	26	28	27	25
26	29	29	27	28
27	29	28	27	26

   Solution
   Make a frequency table.

value	frequency
24	1
25	2
26	4
27	5
28	4
29	4

   Make the dot plot.
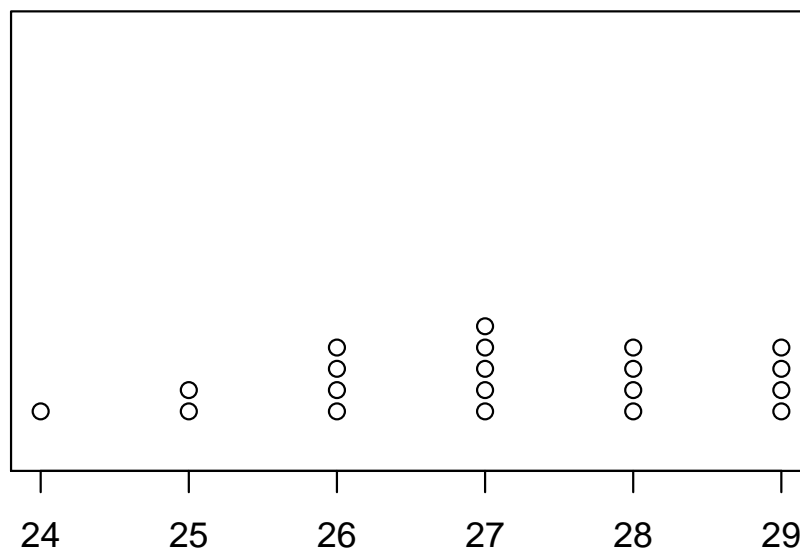
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

37.6887	39.8073	39.6315	32.7384	38.6239	32.8055
36.5635	38.4814	37.1769	32.7364	34.6519	36.1520
37.8428	33.7954	36.2838	35.9017	34.0604	35.5701
34.7604	32.8597	33.5502	35.5882	34.2630	35.5375
40.5339	38.6206	35.5597	33.6976	33.0948	32.6556

Solution
Make a frequency table.

value	frequency
33	6
34	5
35	2
36	7
37	2
38	3
39	2
40	2
41	1

Make the histogram.

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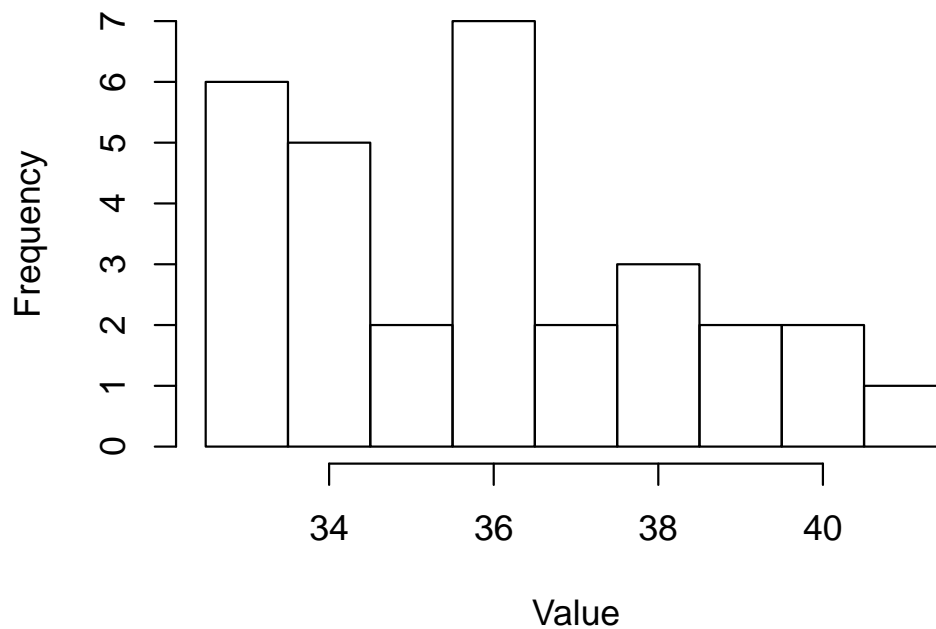
1. **Problem**
   Please make a dot plot from the following (unsorted) data.

24	24	23	24	24	23
24	24	23	26	25	24
24	25	25	24	30	26
25	23	24	23	27	24

   Solution
   Make a frequency table.

value	frequency
23	5
24	11
25	4
26	2
27	1
28	0
29	0
30	1

   Make the dot plot.
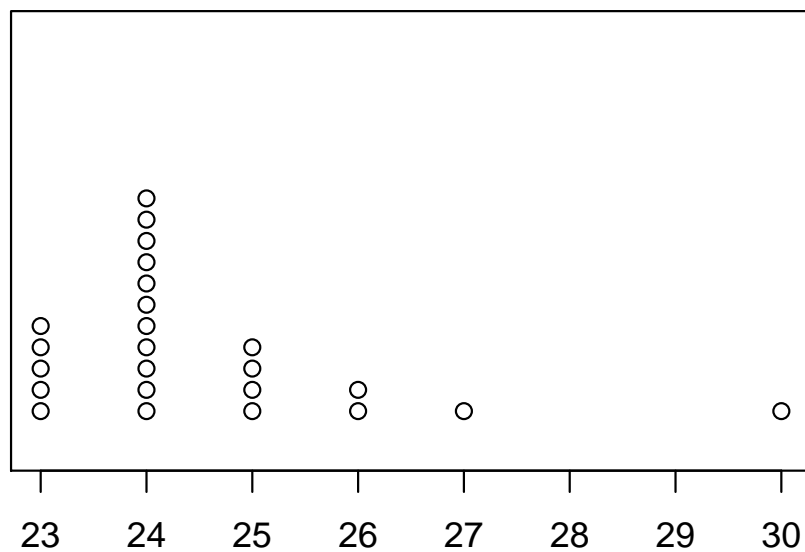
2. **Problem**

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

33.4657	30.4941	30.3701	29.4336	29.4839	33.2063
29.0565	27.6937	29.2447	30.4475	33.5943	33.0512
30.4087	30.3982	30.7834	28.1487	29.6757	29.9931
30.1416	29.0360	32.5800	30.2449	29.0437	32.4298
28.8407	32.1393	31.2778	29.7176	28.6733	30.5017

Solution

Make a frequency table.

value	frequency
28	2
29	8
30	10
31	3
32	2
33	4
34	1

Make the histogram.

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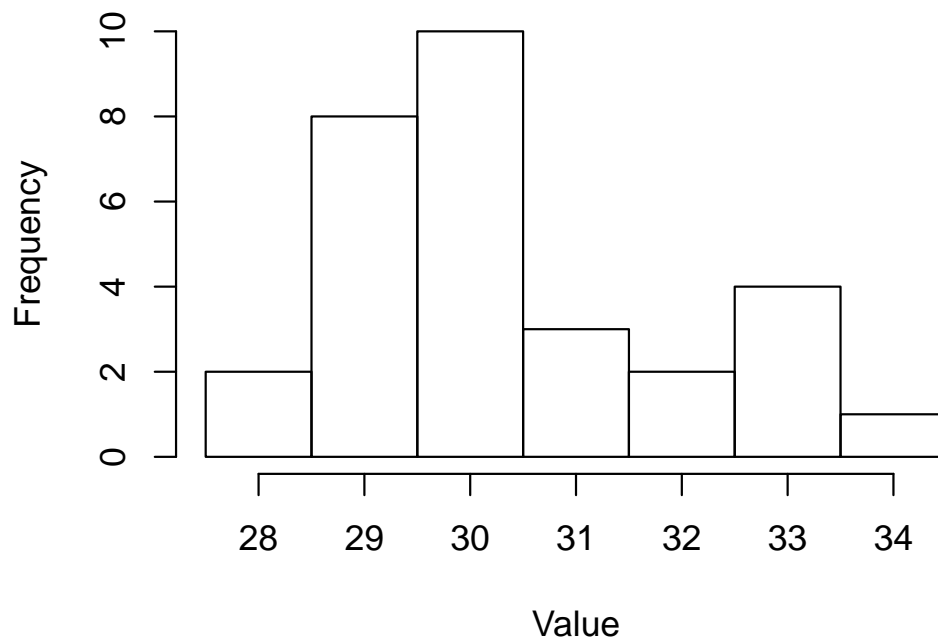
1. **Problem**
Please make a dot plot from the following (unsorted) data.

55	51	52	54	55	52
52	53	50	55	56	54
52	55	55	56	56	56
54	52	56	50	55	55

Solution
Make a frequency table.

value	frequency
50	2
51	1
52	5
53	1
54	3
55	7
56	5

Make the dot plot.
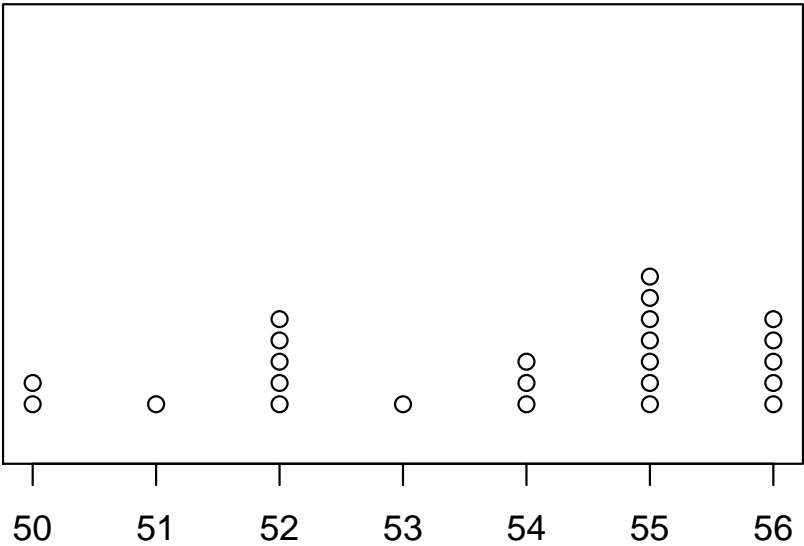
2. **Problem**
   Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
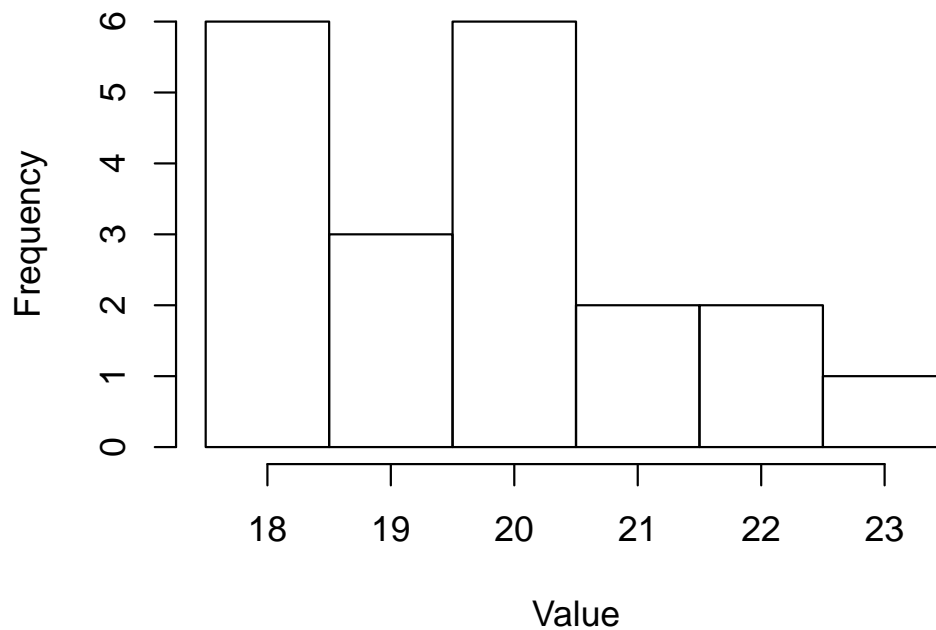
19.2270	22.3415	20.0168	20.2247	21.0188
22.5215	17.6906	17.8050	18.1292	19.5526
19.7886	21.3710	20.0273	17.7026	17.8027
19.1934	19.7670	18.6890	21.8467	18.2286

Solution
Make a frequency table.

value	frequency
18	6
19	3
20	6
21	2
22	2
23	1

Make the histogram.

Histogram

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

43	44	46	40	40	40
46	40	46	46	45	46
46	46	43	45	40	45
41	46	45	41	45	40

   Solution
   Make a frequency table.

value	frequency
40	6
41	2
42	0
43	2
44	1
45	5
46	8

   Make the dot plot.
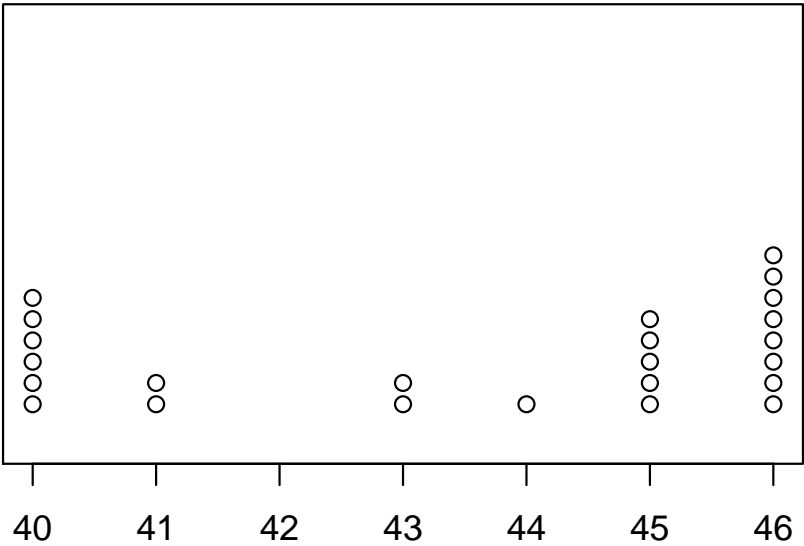
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

46.5783	39.5668	43.9448	45.5731	42.5275
42.5947	43.1176	42.2854	45.6979	40.5963
45.3355	42.6527	42.1712	45.6962	41.2862
43.7885	43.2282	41.8820	44.6269	41.2791

Solution
Make a frequency table.

value	frequency
40	1
41	3
42	3
43	5
44	2
45	2
46	3
47	1

Make the histogram.

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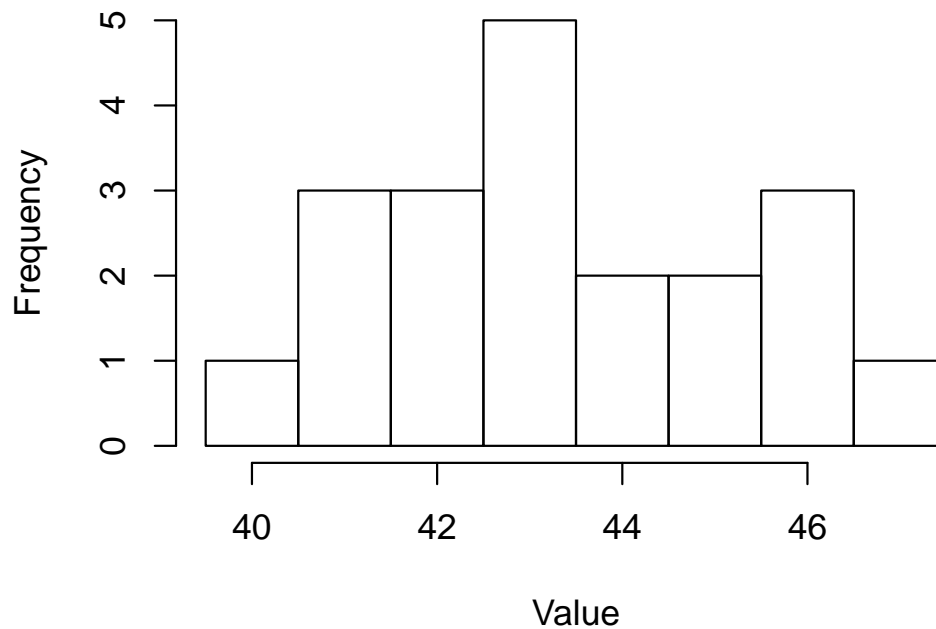
1. **Problem**
   Please make a dot plot from the following (unsorted) data.

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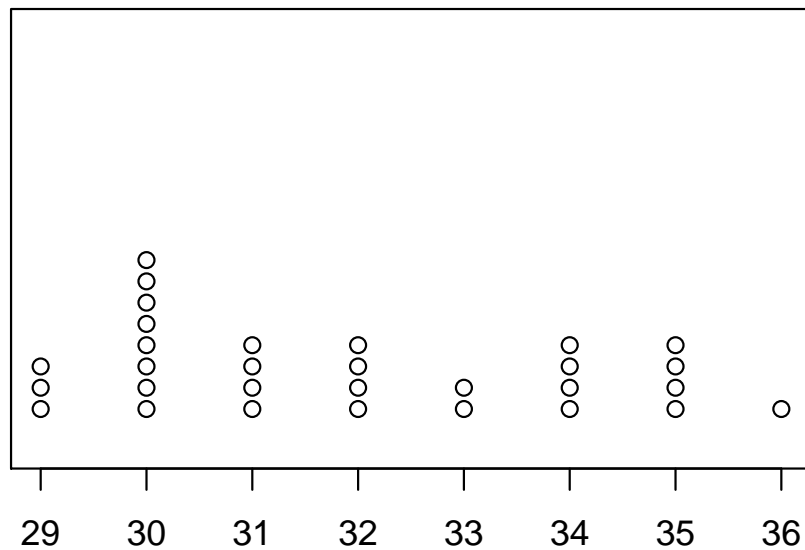
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

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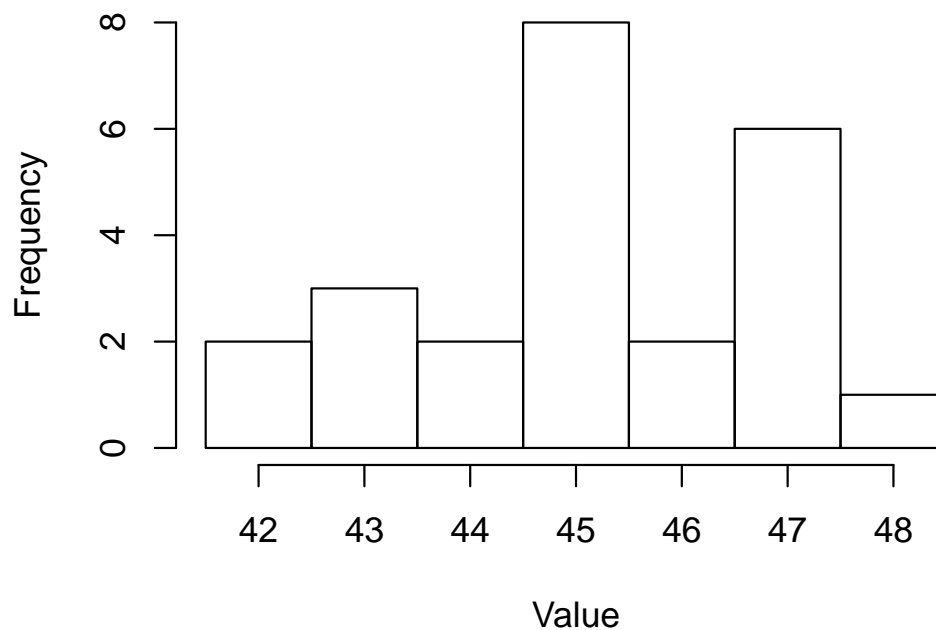
1. **Problem**
   Please make a dot plot from the following (unsorted) data.

55	53	53	55	53
53	55	55	53	56
53	53	59	54	53
53	55	54	53	53

   Solution
   Make a frequency table.

value	frequency
53	11
54	2
55	5
56	1
57	0
58	0
59	1

   Make the dot plot.
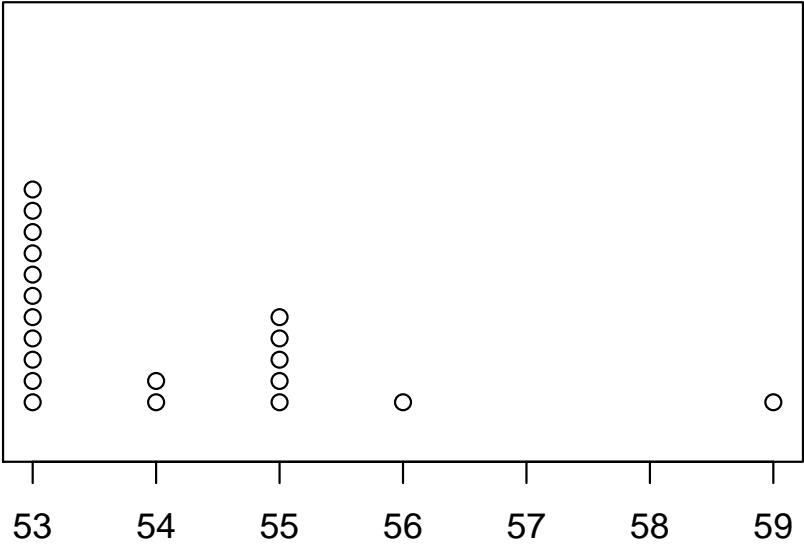
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
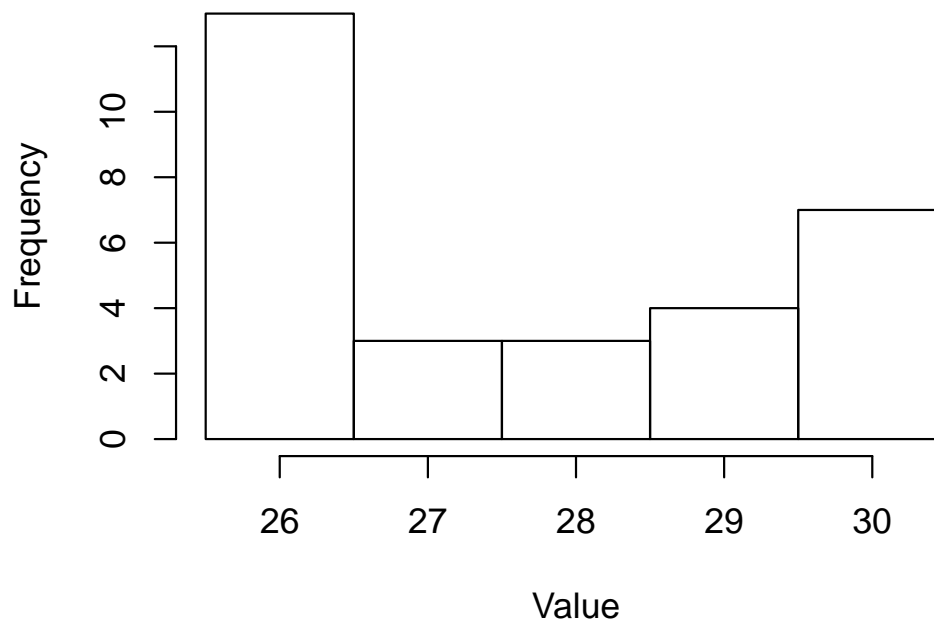
26.1369	30.0897	25.6799	25.9617	29.2652	26.1910
27.1073	29.9754	25.7204	30.4435	29.3662	25.7172
29.8563	27.9200	25.5248	26.3074	30.4679	29.5047
26.1012	25.8957	25.5526	30.3222	28.4618	27.7900
26.0619	26.4490	28.5928	26.6428	28.9754	26.5137

Solution
Make a frequency table.

value	frequency
26	13
27	3
28	3
29	4
30	7

Make the histogram.

Histogram

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

33	33	31	31	32	29
30	29	31	33	33	32
32	33	31	33	29	33
32	33	33	33	33	33
30	33	33	32	32	31

   Solution
   Make a frequency table.

value	frequency
29	3
30	2
31	5
32	6
33	14

   Make the dot plot.
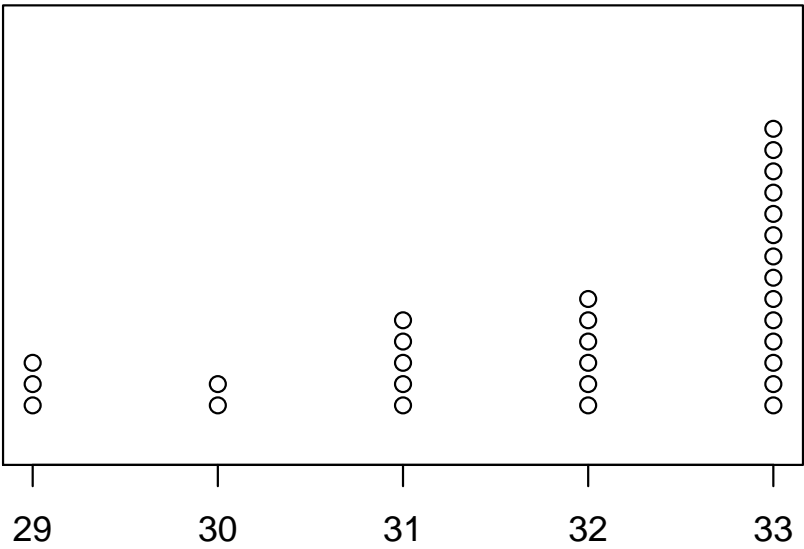
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
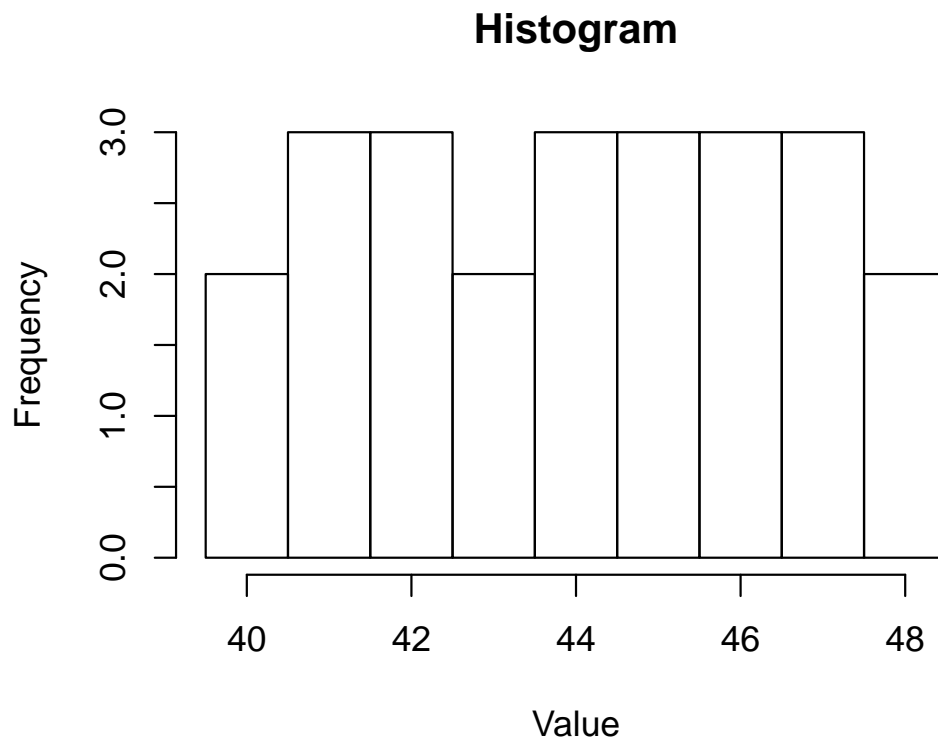
43.1865	45.9518	40.1236	43.3938	44.9283	45.9657
41.4139	46.6525	40.8028	42.2133	45.9086	44.0118
44.0545	43.7695	40.5957	42.3765	40.4140	46.9243
41.7806	46.5852	47.7209	44.7700	47.6343	45.3433

Solution
Make a frequency table.

value	frequency
40	2
41	3
42	3
43	2
44	3
45	3
46	3
47	3
48	2

Make the histogram.

Histogram

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

40	41	40	41	41	41
44	42	39	42	45	43
40	43	40	39	44	39
42	45	44	43	41	39

Solution
Make a frequency table.

value	frequency
39	4
40	4
41	5
42	3
43	3
44	3
45	2

Make the dot plot.
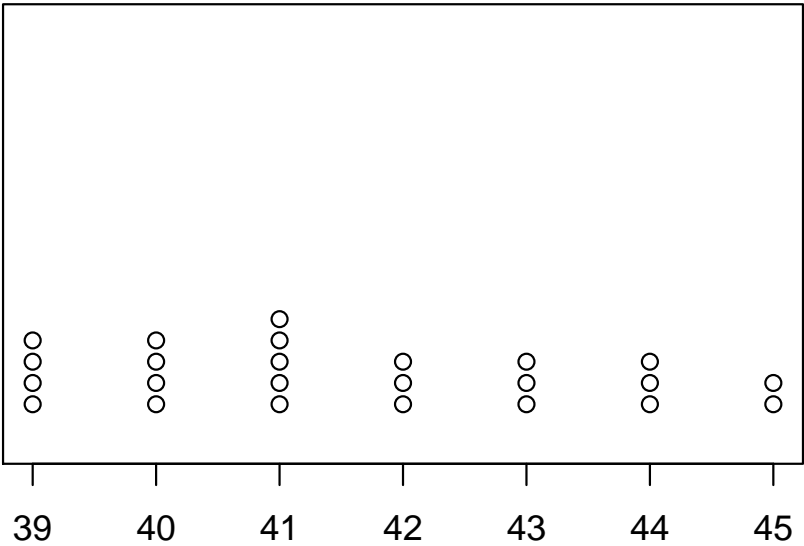
2. **Problem**
   Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
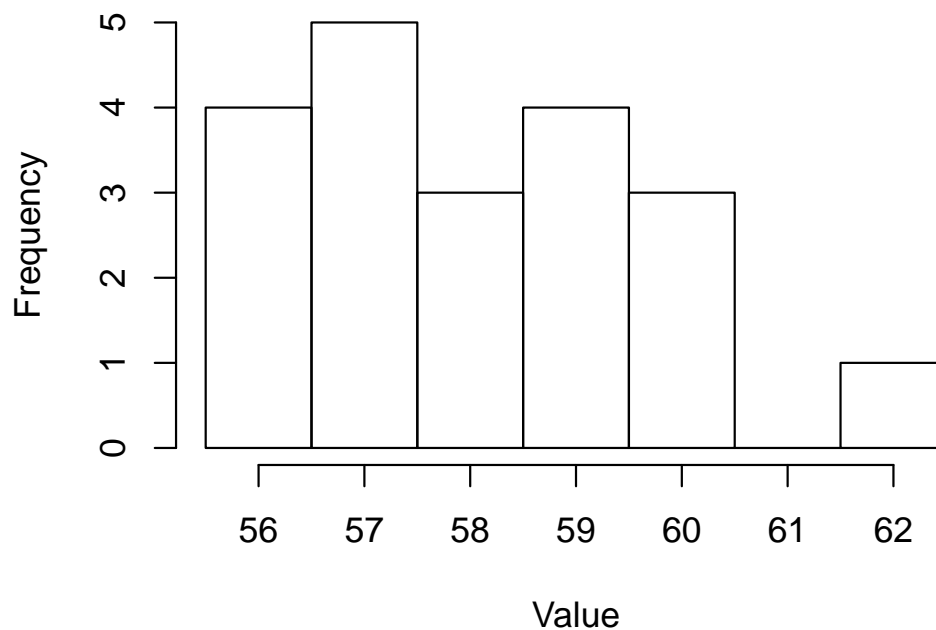
58.7564	58.7131	60.1659	61.6966	59.5299
56.0619	56.0033	57.2374	59.0447	58.4935
56.5005	58.0726	58.7661	59.9239	56.3061
56.9131	57.5699	57.1259	56.3625	56.7023

   Solution
   Make a frequency table.

value	frequency
56	4
57	5
58	3
59	4
60	3
61	0
62	1

   Make the histogram.

   # Histogram

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.
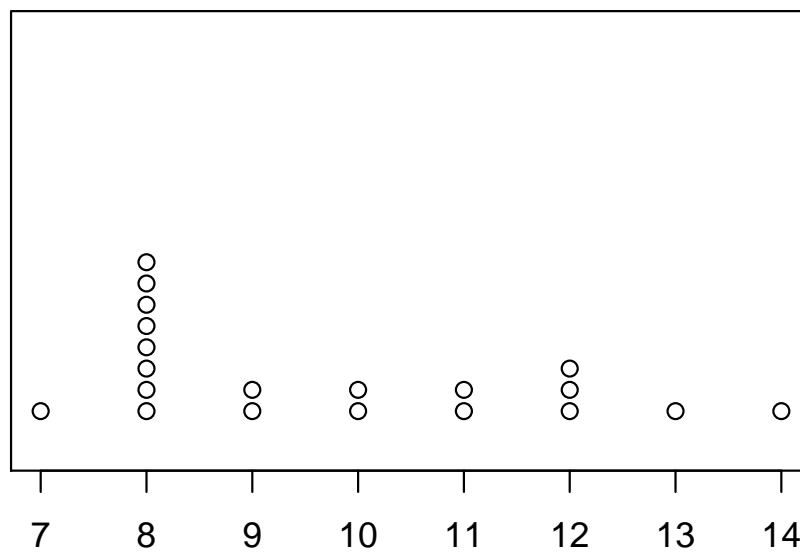
2. **Problem**

   Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
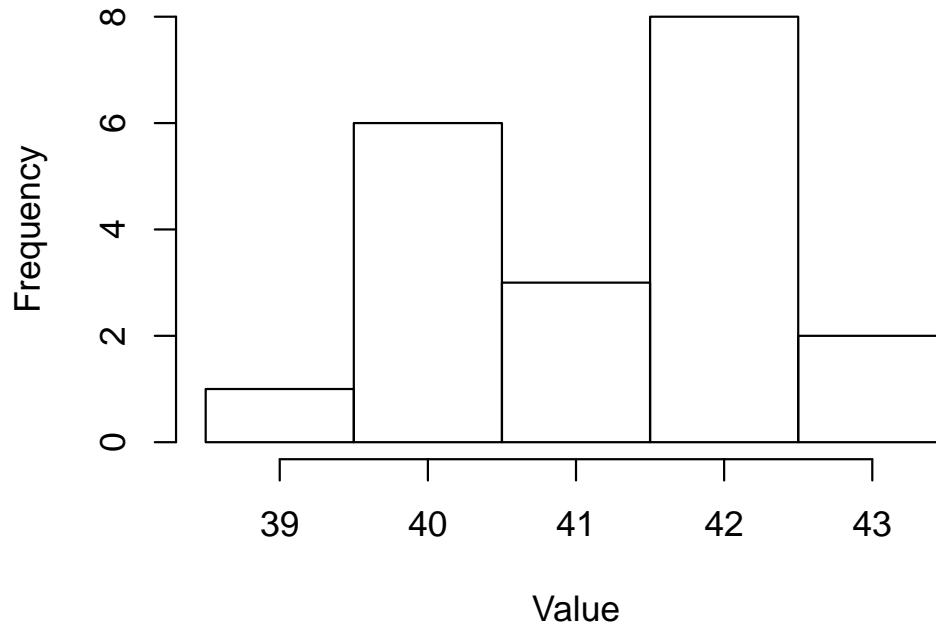
40.1580	39.6247	39.5327	42.4440	39.8159
42.4068	40.8399	39.9194	42.0660	42.0666
42.5139	39.1605	40.4399	41.2862	41.9782
41.6469	41.8345	40.8651	41.7041	42.8659

   Solution

   Make a frequency table.

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

   Make the histogram.

   # Histogram

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

25	25	22	21	24	21
22	23	19	24	23	20
23	20	22	22	25	25
25	19	22	20	21	22

   Solution
   Make a frequency table.

value	frequency
19	2
20	3
21	3
22	6
23	3
24	2
25	5

   Make the dot plot.
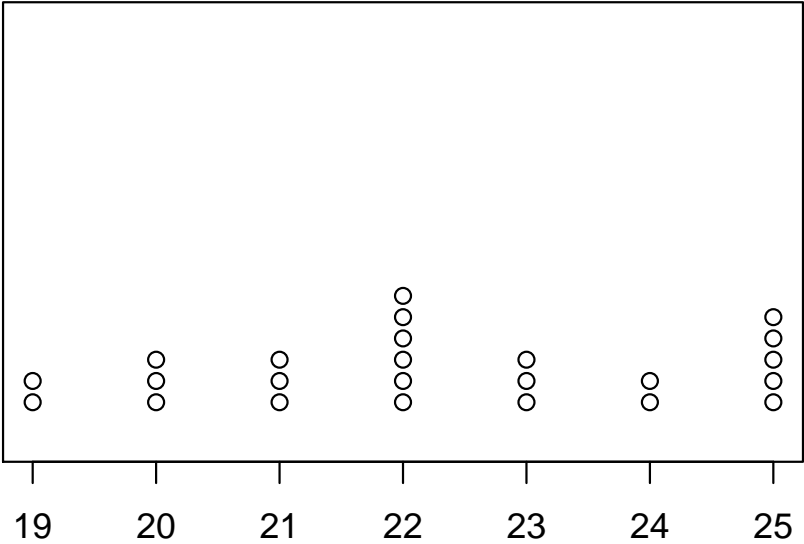
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
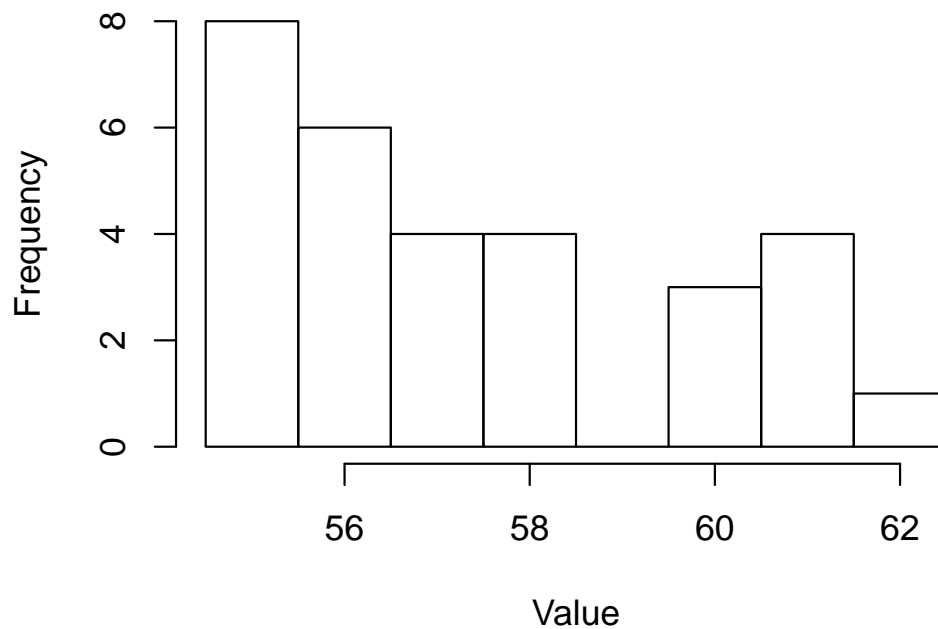
61.3691	57.9858	56.6650	56.1178	58.2305	59.6755
56.0329	56.6030	55.9693	57.2290	55.1846	56.8542
57.5413	58.0498	56.2957	61.5674	55.8588	55.1188
61.2610	55.1628	60.1919	61.4527	55.1693	55.4750
55.7722	60.3263	61.1524	55.3543	55.1217	55.1233

Solution
Make a frequency table.

value	frequency
55	8
56	6
57	4
58	4
59	0
60	3
61	4
62	1

Make the histogram.

Histogram

1. **Problem**

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

51	50	49	55	52
53	55	49	51	51
49	52	55	55	54
54	51	49	50	52

Solution

Make a frequency table.

value	frequency
49	4
50	2
51	4
52	3
53	1
54	2
55	4

Make the dot plot.
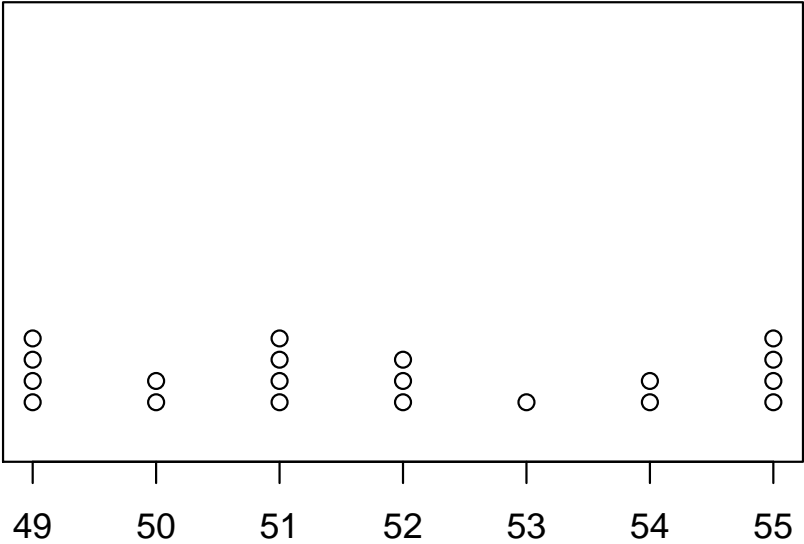
2. **Problem**

Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
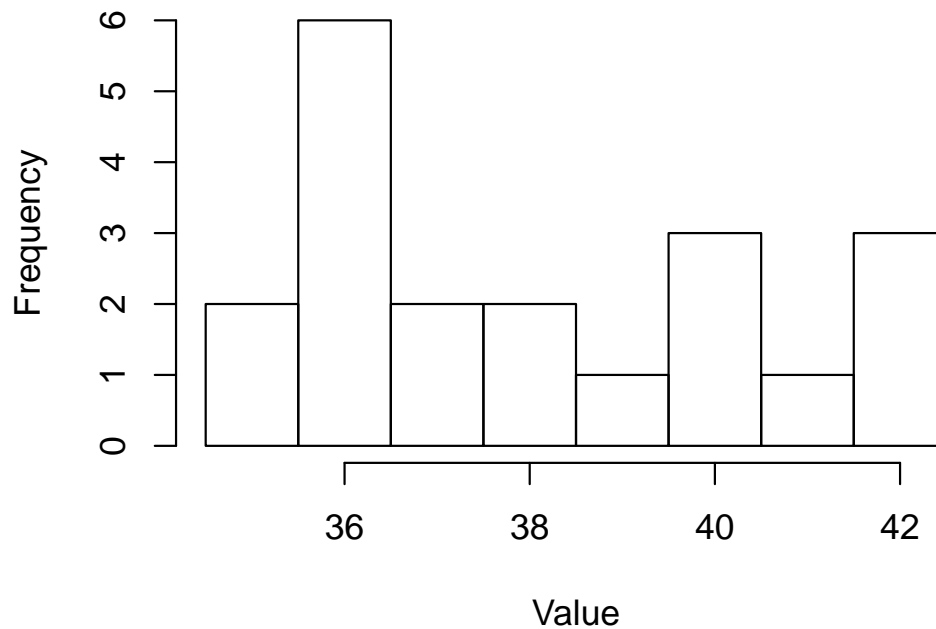
38.7045	39.9676	41.9873	40.1979	39.7271
37.7997	35.6518	36.7971	41.7031	37.4332
36.1794	35.4172	35.5431	40.5294	35.4034
41.9191	36.0612	37.6201	36.1986	36.4891

Solution

Make a frequency table.

value	frequency
35	2
36	6
37	2
38	2
39	1
40	3
41	1
42	3

Make the histogram.

Histogram

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

47	48	46	50	45	48
43	49	48	46	49	43
49	46	49	49	43	44
48	49	44	46	48	46

Solution
Make a frequency table.

value	frequency
43	3
44	2
45	1
46	5
47	1
48	5
49	6
50	1

Make the dot plot.
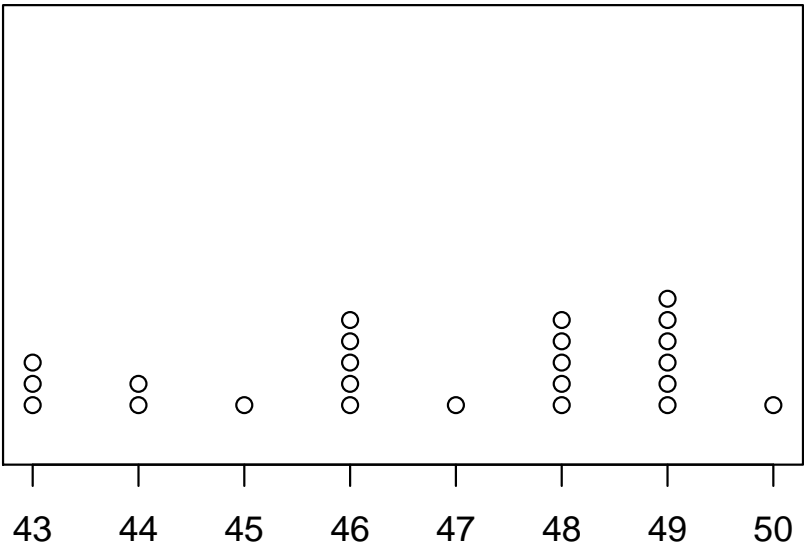
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
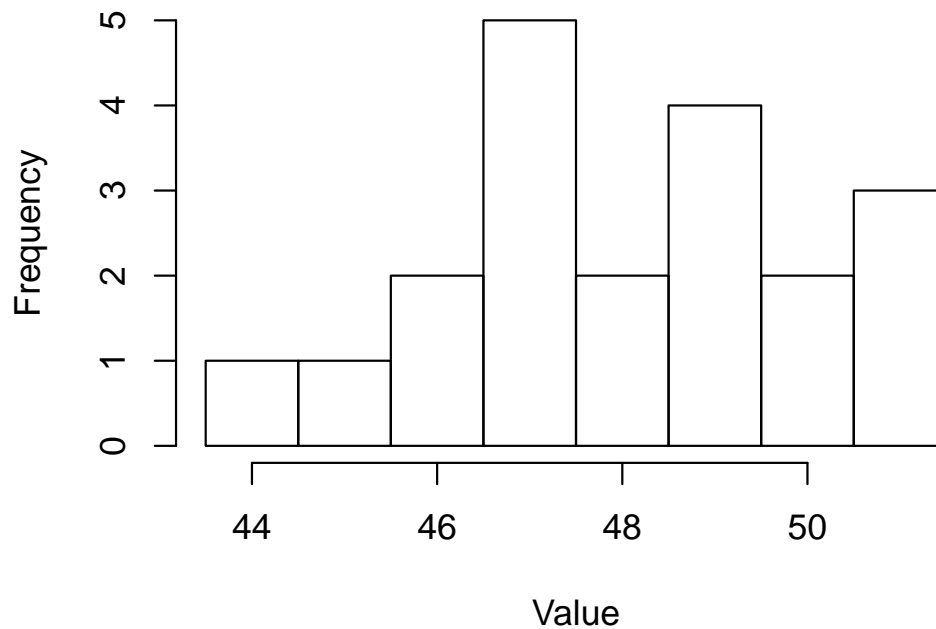
50.8713	48.7538	49.4120	48.4627	46.5221
45.1439	46.9024	47.1070	49.2771	47.3402
43.9752	50.6351	48.7144	47.1024	49.6955
50.0890	47.6142	46.2815	46.4050	50.5636

Solution
Make a frequency table.

value	frequency
44	1
45	1
46	2
47	5
48	2
49	4
50	2
51	3

Make the histogram.

Histogram

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

29	34	31	33	30
31	29	32	29	29
31	35	30	30	30
32	33	34	31	31

   Solution
   Make a frequency table.

value	frequency
29	4
30	4
31	5
32	2
33	2
34	2
35	1

   Make the dot plot.
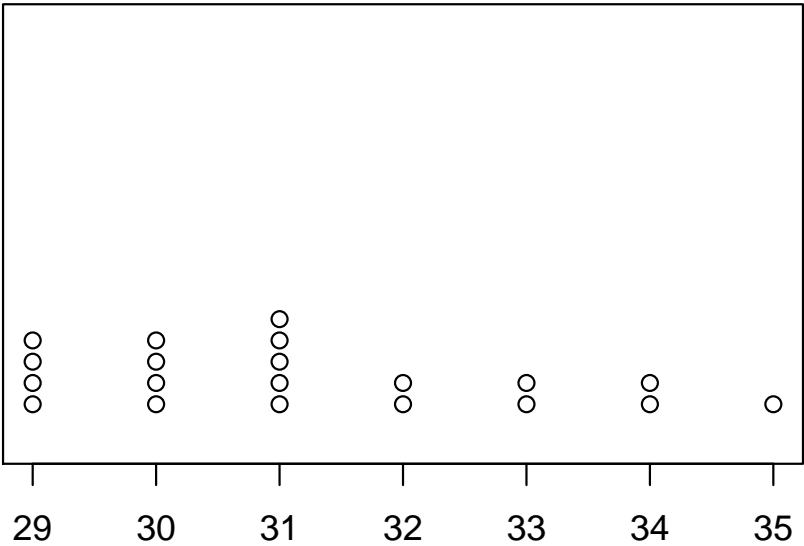
2. **Problem**

Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
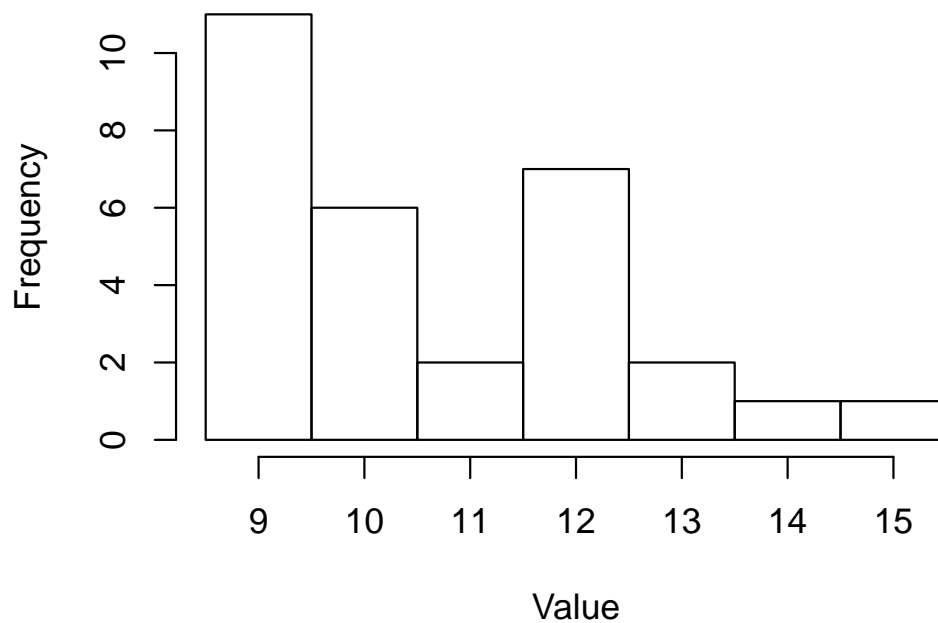
9.2069	9.2549	9.5201	12.1758	12.6306	10.4364
9.3574	9.1810	10.0015	9.6580	10.7549	9.0539
14.6734	9.1500	14.3181	12.3381	12.3704	12.0088
9.0291	11.8514	9.1783	9.4495	12.5093	9.0386
10.4148	12.4724	9.2466	11.6556	11.2057	9.8668

Solution

Make a frequency table.

value	frequency
9	11
10	6
11	2
12	7
13	2
14	1
15	1

Make the histogram.

Histogram

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

32	33	33	30	27	32
30	31	30	28	32	32
31	30	32	27	32	31
31	33	26	32	28	30
32	31	30	32	31	31

   Solution
   Make a frequency table.

value	frequency
26	1
27	2
28	2
29	0
30	6
31	7
32	9
33	3

   Make the dot plot.
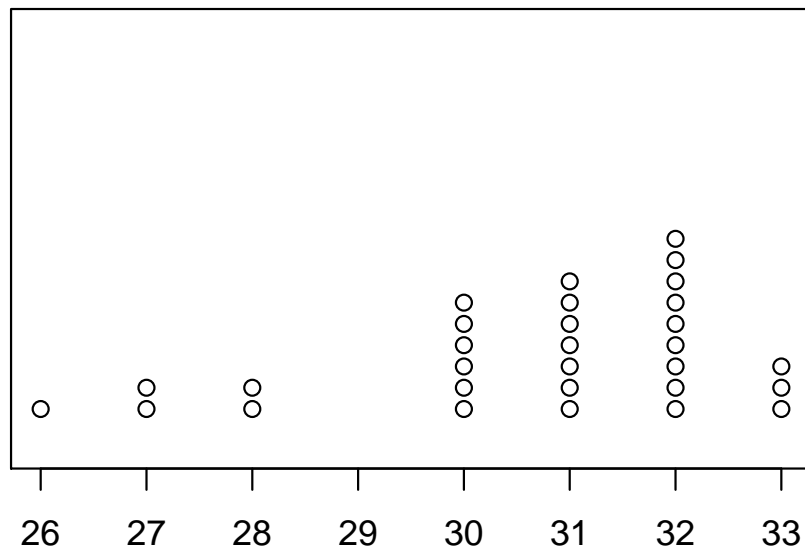
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
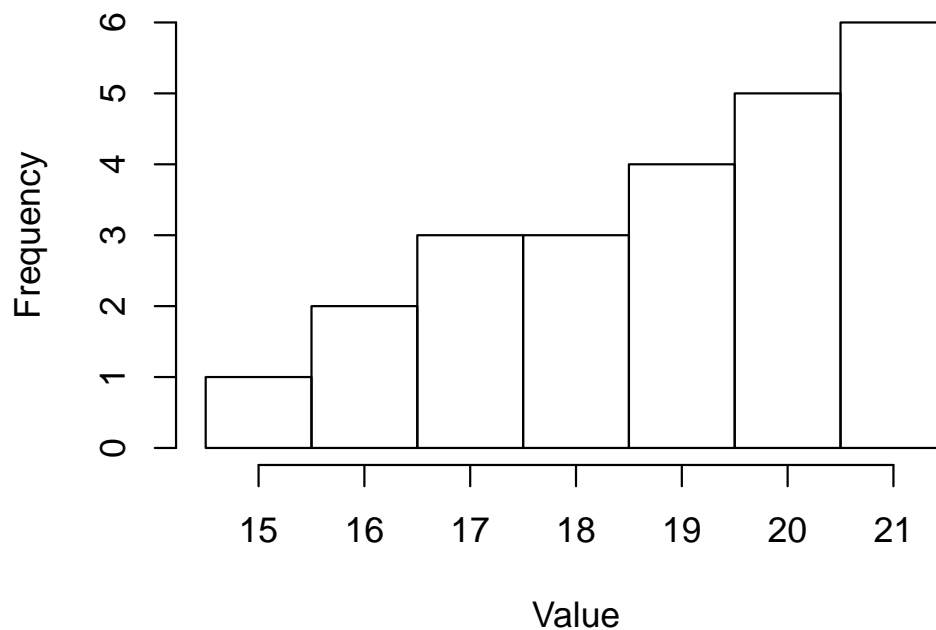
15.2081	16.5190	20.5152	20.7803	20.4376	16.1415
20.9748	20.0526	19.0165	17.5361	20.1091	19.2409
18.9443	18.0587	20.6848	19.8500	20.4662	17.4734
20.7321	16.3714	20.7257	17.2501	19.1006	18.3146

Solution
Make a frequency table.

value	frequency
15	1
16	2
17	3
18	3
19	4
20	5
21	6

Make the histogram.

Histogram

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

61	60	62	60	65
63	61	61	62	64
61	64	61	65	60
60	61	61	60	62

   Solution
   Make a frequency table.

value	frequency
60	5
61	7
62	3
63	1
64	2
65	2

   Make the dot plot.
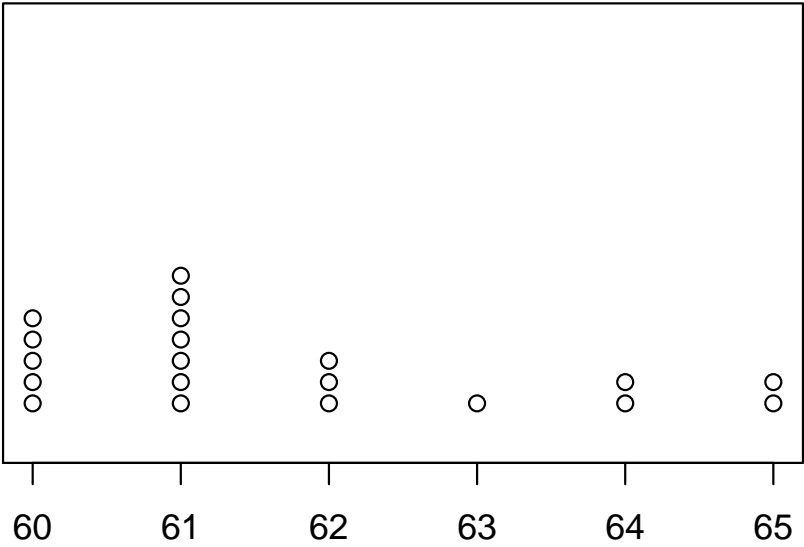
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
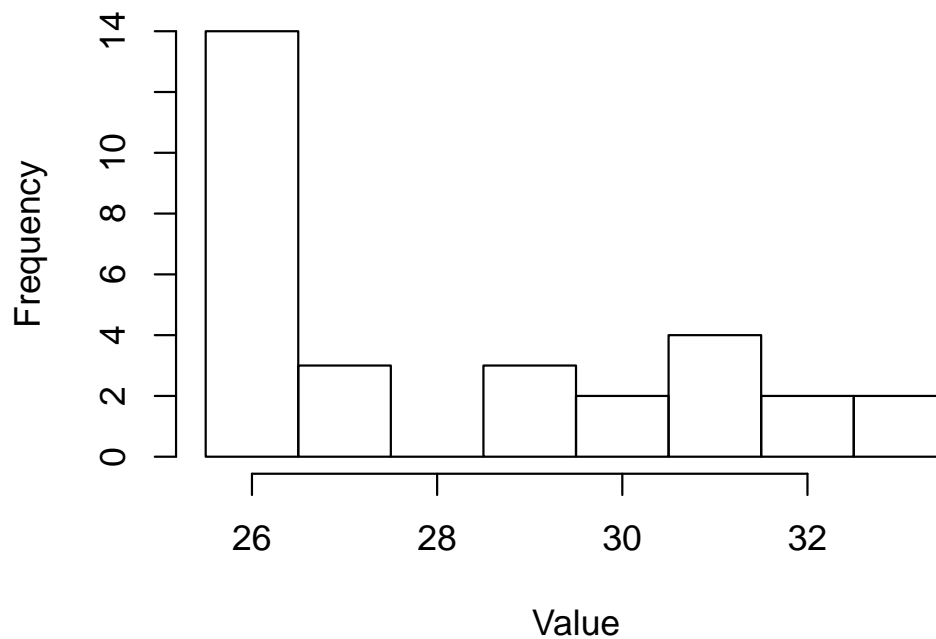
25.9418	26.2473	31.9983	26.8953	27.2597	25.9638
26.1062	30.2500	28.7865	31.6154	25.9066	26.3353
31.3242	29.7608	26.3228	30.8916	26.1867	31.1154
32.8251	25.9540	26.1768	26.1584	29.1035	30.9722
32.5297	26.7289	28.9165	26.1723	26.2800	25.9650

Solution
Make a frequency table.

value	frequency
26	14
27	3
28	0
29	3
30	2
31	4
32	2
33	2

Make the histogram.

Histogram

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

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

   Solution
   Make a frequency table.

value	frequency
29	3
30	6
31	2
32	4
33	3
34	2
35	3
36	1

   Make the dot plot.
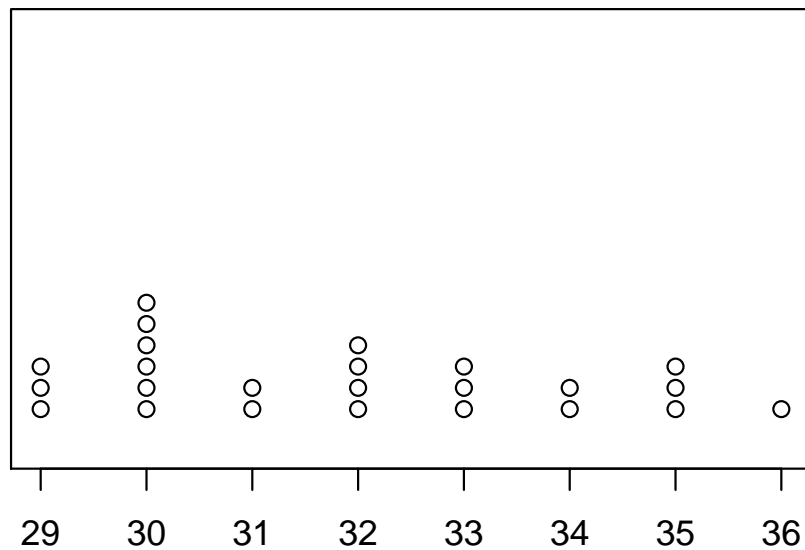
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
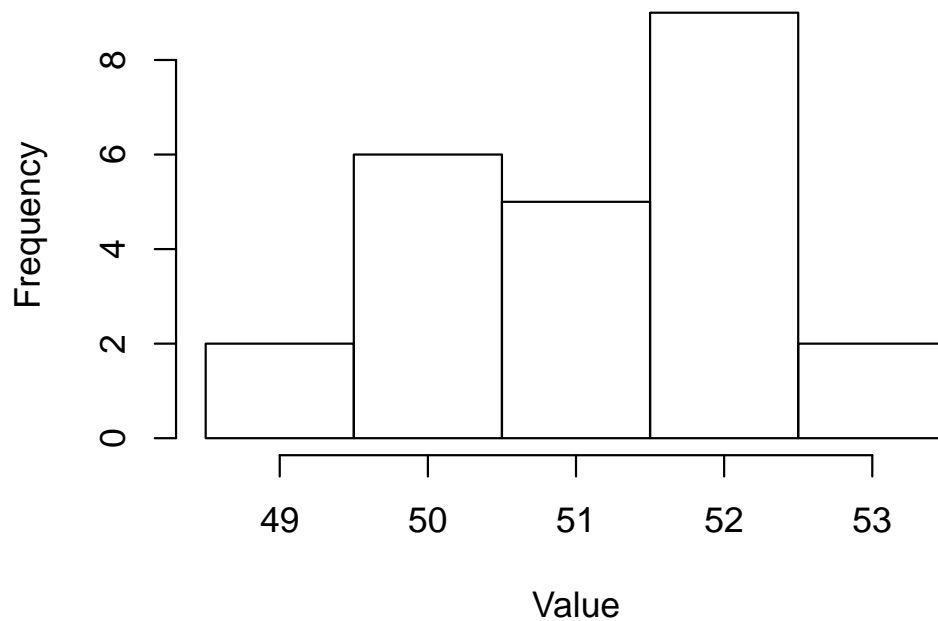
50.0404	52.0541	52.6823	52.0361	52.3101	49.2153
49.3963	52.8068	51.5480	51.5290	51.1904	50.1669
51.4328	49.5667	52.0885	50.5330	52.3675	51.5502
50.2121	50.7616	51.7923	50.1932	51.4115	50.2262

Solution
Make a frequency table.

value	frequency
49	2
50	6
51	5
52	9
53	2

Make the histogram.

Histogram

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

54	52	51	55	49	52
49	51	50	55	55	55
55	53	53	54	53	55
54	51	52	51	55	52
49	49	52	50	55	52

   Solution
   Make a frequency table.

value	frequency
49	4
50	2
51	4
52	6
53	3
54	3
55	8

   Make the dot plot.
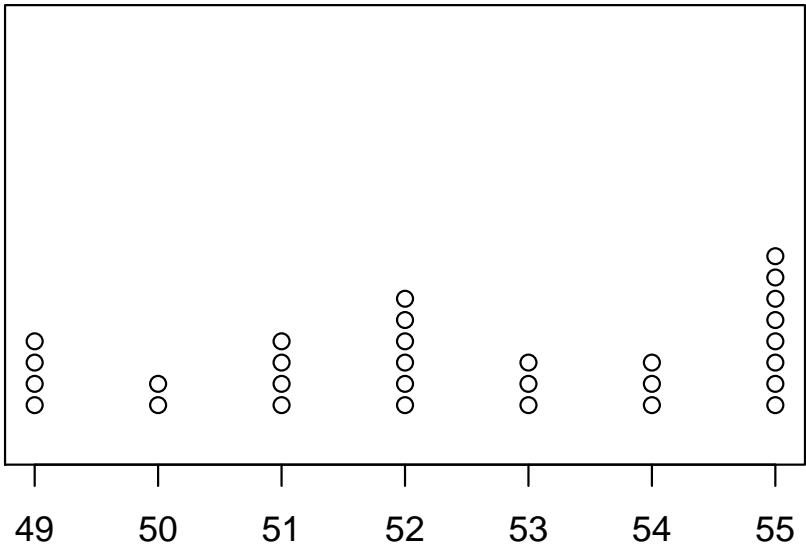
2. **Problem**
Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.
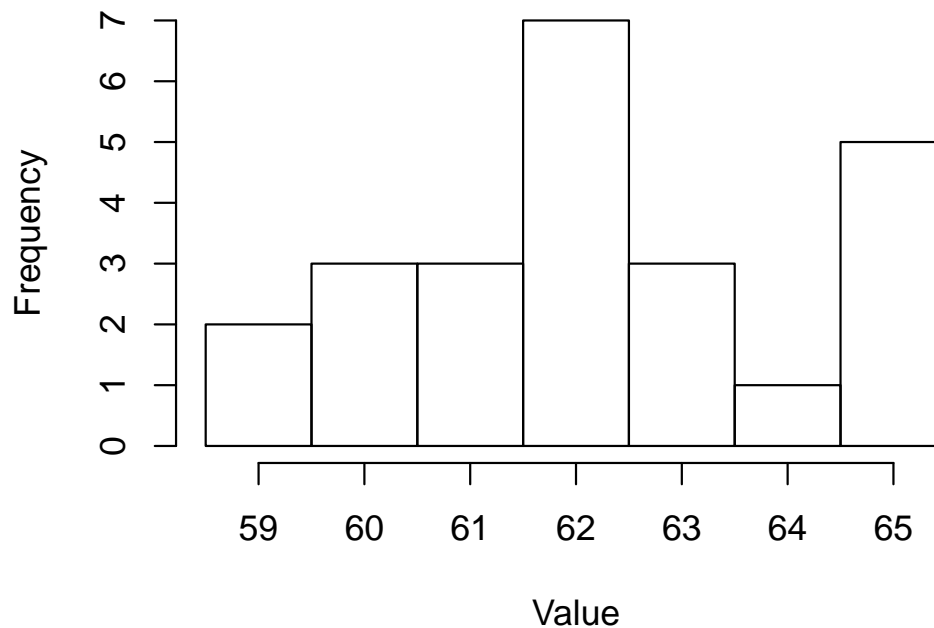
62.0394	64.8668	59.4545	62.2388	65.1333	59.4332
60.0589	62.4091	64.7816	63.0763	64.0913	61.7394
61.2775	61.0269	62.1298	61.4192	62.6937	61.5857
60.1832	64.8326	62.1620	64.7759	59.8283	63.1579

Solution
Make a frequency table.

value	frequency
59	2
60	3
61	3
62	7
63	3
64	1
65	5

Make the histogram.

Histogram

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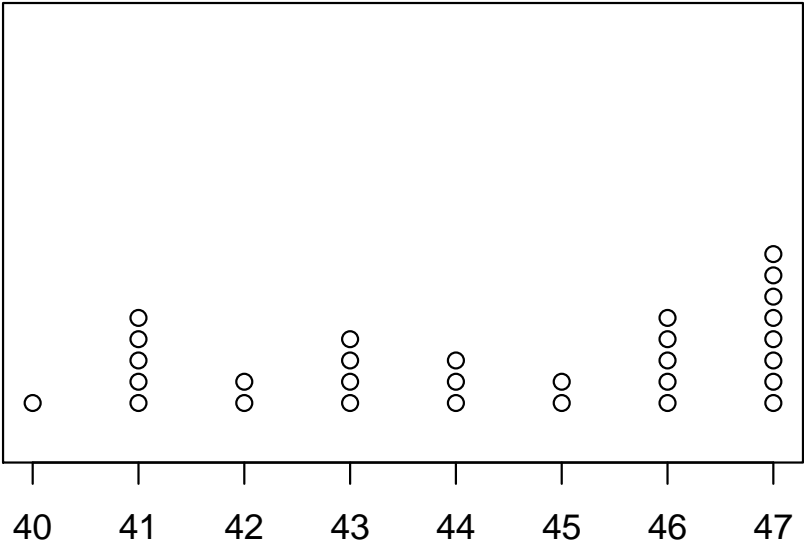
2. **Problem**
   Please make a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

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