



5).

Stem	Leaf
0	2 3 5 9
1	0 3 6
2	2 2 6
3	3 4

6).

Stem	Leaf
17	1 6 9
18	3 4 5 9
19	0 2 8
20	4 8

7).

Stem	Leaf
8	0 0 0 4
9	3 5 5 6 8
10	2 3 6
11	0 5

8).

Stem	Leaf
25	2 5 8 8 9
26	1 4 5 7
27	2 4 8
28	7 8

9).

Stem	Leaf
29	4 5 8 9
30	0 3 5 7
31	0 3 3
32	1 3 4 5

10).

Stem	Leaf
61	7 7
62	2 3 8
63	0 2 8 8
64	2 4 6 6 6

11).

Stem	Leaf
16	2 3 4
17	2 4 6 6 8
18	1 5 8 8
19	1 4

12).

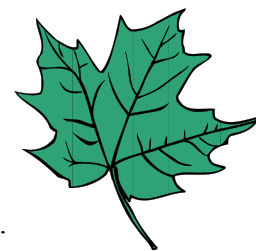
Stem	Leaf
78	7 7 8 9
79	0 2 4 5
80	2 3 6 6 7
81	2 5 5

D). Draw a stem and leaf diagram for each of the following sets of data.

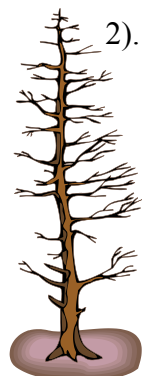
For each one find

- a). the mode, b). the median, c). the mean, d). the range.

- 1). 66, 48, 59, 73, 43, 57, 52, 48, 65, 42, 52.
- 2). 38, 26, 49, 55, 36, 53, 38, 45, 27, 29, 31, 42, 51.
- 3). 99, 106, 85, 119, 88, 105, 110, 101, 87, 116, 107, 95, 82.
- 4). 252, 261, 246, 250, 273, 249, 250, 266, 249, 261, 242, 250, 253.
- 5). 488, 511, 496, 501, 498, 482, 515, 500, 486, 508, 494, 486, 496.
- 6). 146, 177, 143, 169, 151, 149, 171, 155, 165, 149, 158, 163, 150, 159.
- 7). 681, 694, 713, 691, 684, 706, 715, 703, 687, 693, 703, 692, 699, 704.
- 8). 320, 294, 307, 289, 315, 319, 304, 289, 298, 302, 316, 309, 298, 293, 302.
- 9). 176, 130, 163, 157, 148, 156, 160, 142, 139, 154, 167, 163, 175, 151, 169, 142.
- 10). 370, 415, 406, 391, 416, 382, 419, 409, 393, 384, 399, 404, 402, 411, 393, 374.



- E). 1). a). Jenny records the heights (mm) of 19 seeds planted from Packet A after 2 weeks.
27, 17, 43, 52, 0, 4, 15, 37, 28, 19, 14, 16, 37, 42, 51, 8, 22, 31, 19.
i). Put the information into a stem and leaf diagram.
For Packet A find ii). the median, iii). the range.
- b). Jenny records the heights (mm) of 19 seeds planted from Packet B after 2 weeks.
27, 19, 14, 41, 18, 24, 18, 9, 33, 27, 16, 19, 24, 25, 34, 12, 34, 22, 15.
i). Put the information into a stem and leaf diagram.
For Packet B find ii). the median, iii). the range.
- c). Which packet do you think is the more successful? (Give reasons).



- 2). a). Milo records the weight (kg) of 20 people in his class.
61, 48, 58, 35, 45, 72, 36, 56, 47, 58, 60, 59, 43, 38, 41, 67, 63, 54, 45, 39.
i). Put the information into a stem and leaf diagram.
For Milo's class find ii). the median, iii). the range.
- b). Bella records the weight (kg) of 20 people in her class.
58, 63, 38, 56, 41, 49, 52, 39, 73, 42, 58, 62, 75, 65, 38, 49, 51, 60, 63, 55.
i). Put the information into a stem and leaf diagram.
For Bella's class find ii). the median, iii). the range.
- c). Do you think these 2 classes are in the same Year at school? (Give reasons).