

1. 1.

2. Here are the ages of 16 managers.

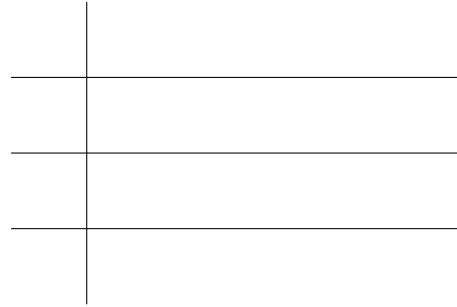
47	27	52	48	31	23	29	30
36	41	38	33	28	40	35	41

Show this information in an ordered stem and leaf diagram.
 You must include a key.

“Rough” stem and leaf



Ordered stem and leaf



Key:

3. 3.

4. The stem and leaf shows the heights, in centimetres, of 17 tomato plants.

2	8
3	4 6 7 7 7 8 9
4	0 1 2 4 5 6 8
5	3 7

Key: 2|3 = 23 cm

- (a) Write down the mode.
- (b) Work out the range.
- (c) Write down the median.

One of the plants is chosen, at random

- (d) Work out the probability that the plant is over 45 cm high.

5. 5.

6. Rosa collected some information about the diameter of 23 allium flowers.

This information is shown in the stem and leaf diagram.

4	1	5	5			
5	4	6	7	9		
6	0	1	1	2	3	6
7	1	2	3	8		
8	1	2	5	9		
9	0	1				

Key: $7|2 = 7.2$ centimetres

- (a) Work out the median or (b) mode or (c) range or (d) probability of more less than ...

{Key could also be Key: $7|2 = £72\ 000$ OR Key: $7|2 = 720$ millilitres etc.}

7. Here are the weights, in grams, of 15 dried dates.

7.0 5.0 4.8 6.0 6.7 5.7 4.9 5.5 6.1 7.4 7.1 6.5 6.9 5.8 6.3

- (a) Show this information in an ordered stem and leaf diagram.

- (b) Work out the median or (c) mode or (d) range or (e) probability of more less than ...

{Data could also be 0.74, 0.57 etc OR 740, 570 etc OR 74, 57 but also 102 etc}

8. {See layer 6 for first part of question}

- (a) Work out the lower quartile {OR upper quartile }

- (b) Work out the interquartile range