

1. Roza collected some information about the diameter of 21 allium flowers.

This information is shown in the stem and leaf diagram.

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

Key: 7 2 = 72 mm

- (a) Write down the median.

..... mm

- (b) Write down the mode.

..... mm

- (c) Work out the range.

..... mm

2. The stem and leaf shows the widths, in centimetres, of 15 sycamore leaves.

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

Key: 2|3 = 23 cm

(a) Write down the mode.

..... cm

(b) Work out the range

..... cm

(c) Work out the median.

..... cm

3. Some students took part in the three legged race at sports day.

{In a three legged race two people must run together}

The stem and leaf shows the time, in seconds, the students took to run the race.

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

Key: 3 8 = 38 seconds

(a) Write down out the modes.

..... seconds

(b) Work out the range.

..... seconds

(c) Work out the median.

..... seconds

Answers

1. (a)**62**..... mm
FYI: *11th written or circled M1*
- (b)**45**..... mm
- (c)**48**..... mm
FYI: *M1 for 93 and 45*
2. (a)**14**..... cm
- (b)**19**..... cm
FYI: *26 and 7 M1*
- (c)**17**..... cm
FYI: *8th written or circled M1*
3. (a) **.48 and 57.** seconds
- (b)**27**..... seconds
FYI: *57 and 30 M1*
- (c)**42**..... seconds
FYI: *8th written or circled*