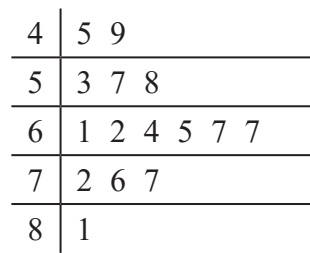


Stem and Leaf

June 2024 Paper 1

15 Tessa recorded the times that 15 adults took to complete a run.
She showed her results in a stem and leaf diagram.



Key: 4 5 represents 45 minutes

(a) Find the median.

..... minutes
(1)

(b) Find the range.

..... minutes
(2)

Tessa also recorded the times that 15 children took to complete the run.

For the children, the median was 75 minutes.

(c) Compare the times that the adults took with the times that the children took.

.....
.....
.....
(1)

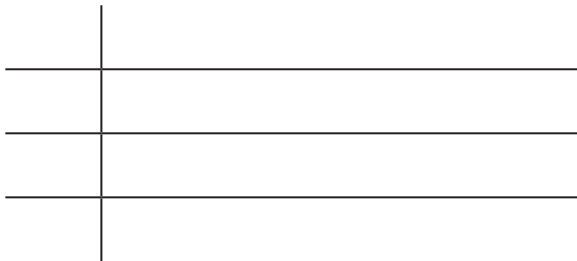
(Total for Question 15 is 4 marks)

November 2022 Paper 2

- 15 Hetvi asked her friends how many stickers they each have in their collection. Here are her results.

77	86	94	87	71	98
74	103	71	85	82	84
97	91	88	89	75	

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



Key:

(3)

- (b) Find the median number of stickers.

.....
(2)

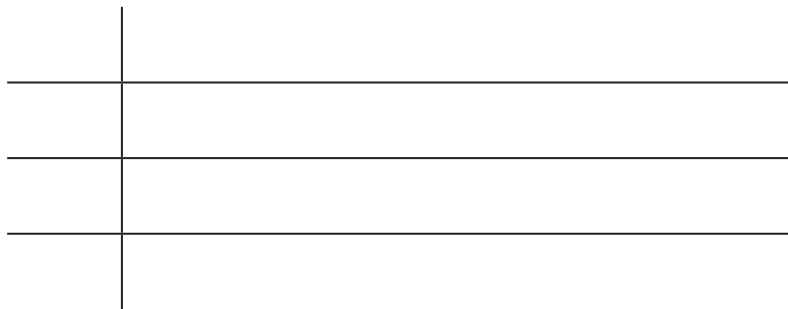
(Total for Question 15 is 5 marks)

November 2023 Paper 2

17 Here are the heights, in cm, of 16 sunflowers.

168	173	172	180	162	191	183	160
178	184	197	177	172	186	188	180

Show this information in a stem and leaf diagram.



Key:

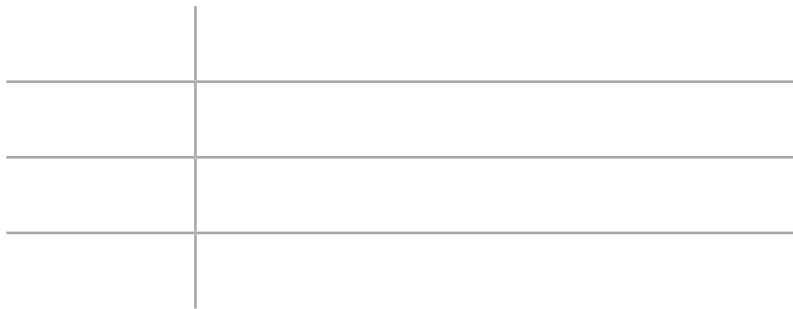
(Total for Question 17 is 3 marks)

November 2021 Paper 3

20 Here are the heights, in centimetres, of 15 plants.

15	20	25	33	17	22	25	18
22	19	32	35	24	28	19	

Draw a stem and leaf diagram for these heights.



Key:

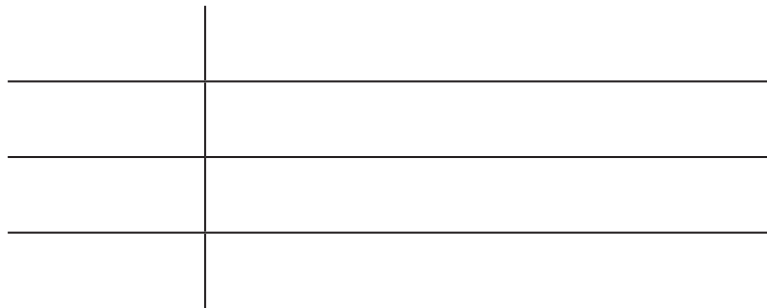
(Total for Question 20 is 3 marks)

June 2022 Paper 1

21 Here are the ages, in years, of 15 people.

19	28	29	33	27
27	37	25	27	37
17	45	47	25	26

Show this information in a stem and leaf diagram.



Key:

(Total for Question 21 is 3 marks)

November 2024 Paper 3

22 The stem and leaf diagram shows the test scores of 23 students from School A.

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

Key:
3 | 0 represents 30

23 students from School B did the same test.

Their median score was 56

The range of their scores was 47

Compare the distribution of the test scores of the students from School A with the distribution of the test scores of the students from School B.

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(Total for Question 22 is 4 marks)

June 2020 Paper 1

26 The table shows information about the heights, in cm, of a group of Year 9 girls.

least height	150 cm
median	165 cm
greatest height	170 cm

This stem and leaf diagram shows information about the heights, in cm, of a group of 15 Year 9 boys.

15		8 9 9
16		4 5 7 7 8
17		0 3 4 4 7
18		0 2

Key: 15 | 8 represents 158 cm

Compare the distribution of the heights of the girls with the distribution of the heights of the boys.

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(Total for Question 26 is 3 marks)
