



EXAM PAPERS PRACTICE

GCSE OCR Math J560

Stem & Leaf Diagrams

Question Paper

"We will help you to

achieve A Star "



Question 1

Here are the heights, in cm, of 18 children.

98	90	84	102	115	91
88	91	108	110	97	93
90	89	103	95	92	106

Show this information in an ordered stem and leaf diagram.

[3 marks]

Question 2

(b) Work out the percentage of these men with a height greater than 184 cm.

[2 marks]

Question 3

One of these students is going to be chosen at random.

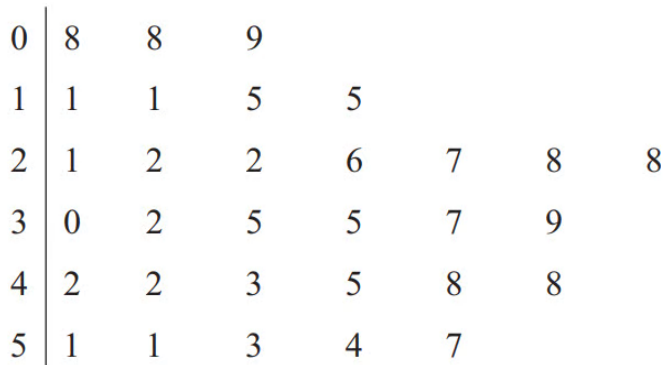
(b) Find the probability that this student has a test mark less than 28

[2 marks]



Question 4

The stem and leaf diagram gives information about the numbers of tomatoes on 31 tomato plants.



Key: 5 | 7 = 57 tomatoes

(a) Work out the median.

[1 mark]

Question 5

Sixteen babies are born in a hospital.

Here are the weights of the babies in kilograms.

2.4 2.7 3.5 4.4 4.5 4.1 4.4 2.8
4.1 3.8 3.8 4.2 3.3 3.0 3.7 3.3

Show this information in an ordered stem and leaf diagram.

[3 marks]



Question 6

Here are the times, in minutes, that 20 children took to walk to school.

13 21 19 27 31 5 23 29 18 25
34 15 28 23 22 40 16 19 32 9

Draw an ordered stem and leaf diagram for these times.

[3 marks]

Question 7

Here are the heights in centimetres of 20 men.

165 164 176 179 188 178 183 172 180 190
167 159 156 176 173 168 169 182 167 192

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

[3 marks]

Question 8

Chloe recorded the test marks of 20 students.

22 29 38 16 36 18 30 21 27 43
14 41 25 38 46 19 48 34 23 46

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

[3 marks]



Question 9

Here are the heights, in mm, of 20 plants.

53 44 48 56 48 64 51 33 41 44
31 52 55 63 60 56 47 61 37 56

Draw an ordered stem and leaf diagram for these heights.

[3 marks]

Question 10

(b) Work out the interquartile range.

[2 marks]

Question 11

You must write down all stages in your working.

Here are the ages, in years, of 15 students.

19 18 20 25 37
33 21 17 29 20
42 18 23 37 22

Show this information in an ordered stem and leaf diagram.

[3 marks]