1. Here is a set of data.

$$3 \quad 7 \quad 4 \quad 9 \quad 11 \quad 8 \quad 4 \quad 10$$

Work out the,

(i) Median ....

(ii) Mode ....

(iii) Range ....

(iv) Mean ....

(5 marks)

2. Here is some data.

$$84 \quad 72 \quad 54 \quad 62 \quad 70 \quad 81 \quad 84 \quad 78 \quad 56 \quad 70$$
$$75 \quad 64 \quad 66 \quad 53 \quad 80 \quad 65 \quad 60 \quad 71 \quad 58 \quad 62$$

(a) Use this data to draw a stem and leaf diagram below.

(b) Calculate the median. ....

(3 marks)

3. A frequency polygon has been drawn for the table below.

Height (cm)	Frequency
20 < h ≤ 30	10
30 < h ≤ 40	19
40 < h ≤ 50	24
50 < h ≤ 60	7
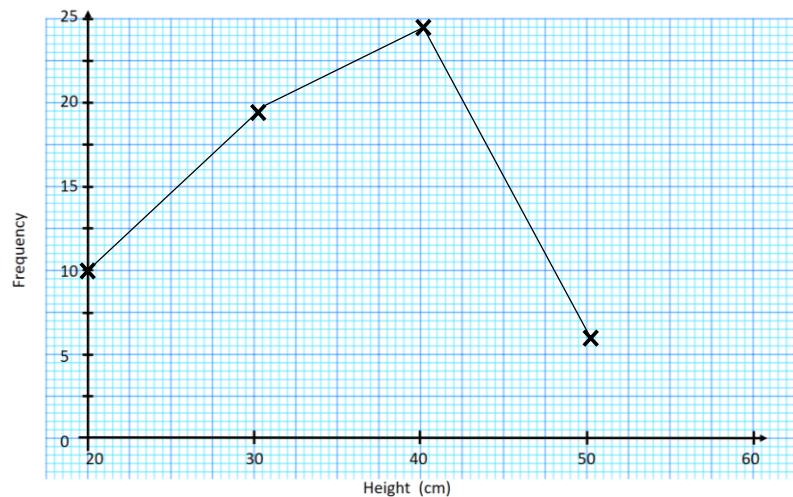
(a) What mistake is made.

....

(2 marks)

4.
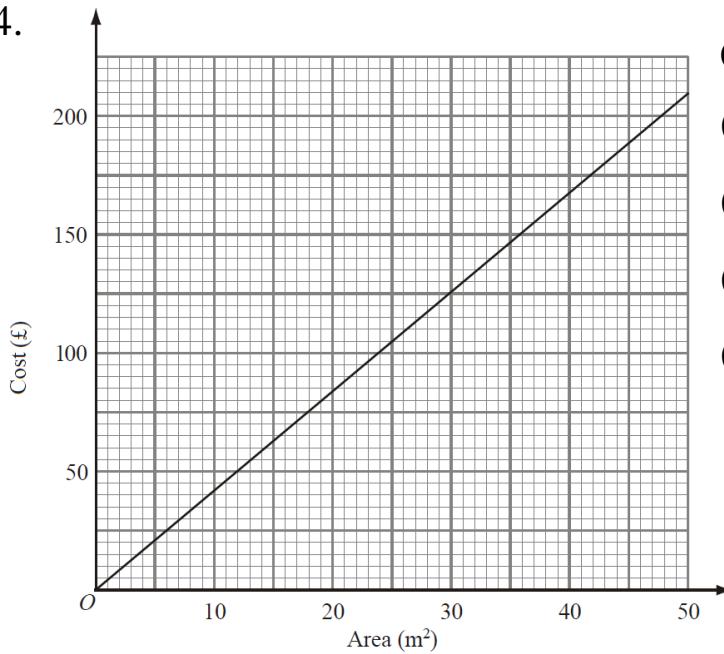
Convert

(i)   30 m²   …………….

(ii) £50   …………….

(iii) 100 m²   …………….

(iv) £300   …………….

(4 marks)

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5. The table show the time employees had for their lunch yesterday.

Time (minutes)	Frequency
$20 < t \le 30$	9
$30 < t \le 40$	26
$40 < t \le 50$	20
$50 < t \le 60$	16

(a) State the modal class interval.   …………….

(b) Find the group that contains the median.   …………….

(c) Estimate the mean.   …………….

(5 marks)

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6. Sophie goes to university which is 35 km away.
   The average speed limit on the motor way is 70mph.
   How long should it take her to get there on the motorway.

…………….

(2 marks)

Score =