

1. Here is a set of data.

7 5 12 9 7 14 3 15

Work out the,

(i) Median

.....

(ii) Mode

.....

(iii) Range

.....

(iv) Mean

.....

(5 marks)

2. Here is a list of ages of some people in a cafe.

42 29 18 32 31 17 15 40 33 15
22 37 28 20 23 26 41 25 13 30

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

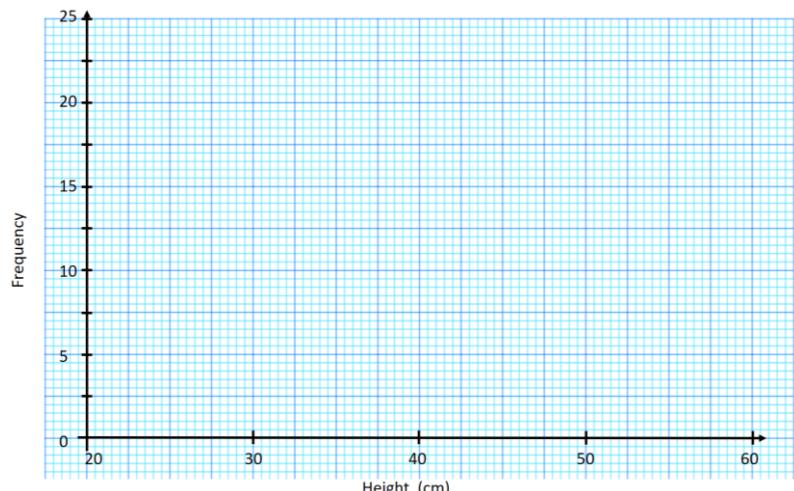
(b) Calculate the median.

.....

(3 marks)

3. The table show the weights of some pineapples.

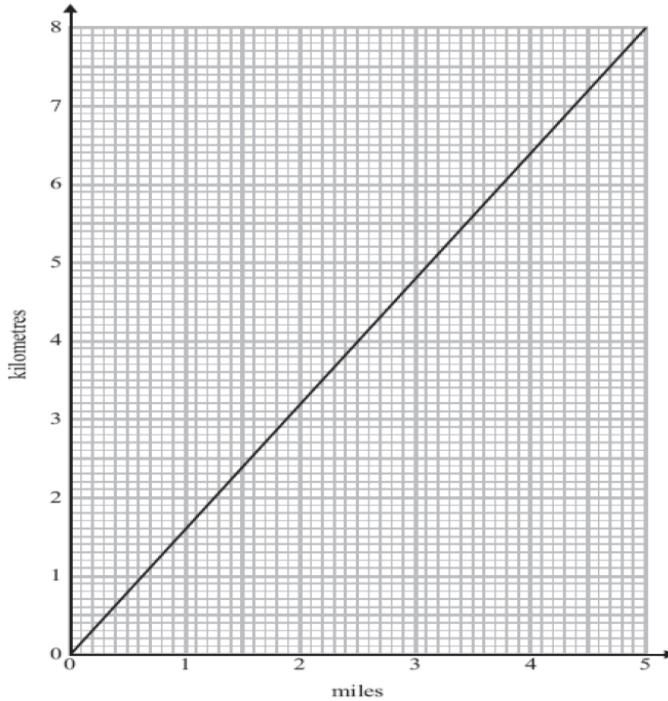
Weight (g)	Frequency
$20 < w \leq 30$	10
$30 < w \leq 40$	19
$40 < w \leq 50$	24
$50 < w \leq 60$	7



Draw a frequency polygon of this data.

(2 marks)

4.



Convert

(i) 1 mile (1 mark)

(ii) 3 km (1 mark)

(iii) 8 miles (1 mark)

(iv) 20 km (1 mark)

(4 marks)

5. The table shows the weights of some pineapples.

Weight (g)	Frequency
$20 < w \leq 30$	10
$30 < w \leq 40$	19
$40 < w \leq 50$	14
$50 < w \leq 60$	7

(a) State the modal class interval. (1 mark)

(b) Find the group that contains the median. (1 mark)

(c) Estimate the mean. (1 mark)

(5 marks)

6. Ruby takes 2 hours to get home from work because of a traffic jam.

Her journey home is 45 miles away,

What was her average speed during the journey?

.... (2 marks)

Score =